

Information on collision detection on a parked vehicle

If a collision is detected when the tow-away protection is primed on a locked vehicle, you will receive a notification in the multimedia system when you switch on the ignition.

You will receive information about the following points:

- The area of the vehicle that may have been damaged.
- The force of the impact.

The following situations can lead to inadvertent activation:

- The parked vehicle is moved, e.g. in a two-storey garage.

i Deactivate tow-away protection in order to prevent inadvertent activation. If you deactivate tow-away protection, collision detection will also be deactivated. You can permanently deactivate the collision detection via the multimedia system (→ page 201).

System limits

Detection may be restricted in the following situations:

- the vehicle is damaged without impact, e.g. if an outside mirror is torn off or the paint is damaged by a key
- an impact occurs at low speed
- the electric parking brake is not applied

Setting collision detection on a parked vehicle (MMS)

Multimedia system:

-  → Settings → Vehicle
- Collision notification
- Activate or deactivate the function.

Activating or deactivating the collision photos function

Please note possible legal restrictions in some countries regarding automatic recording of the vehicle surroundings.

- Activate or deactivate [Collision photos](#).

Transferring the collision photos with the Mercedes me App

- Select [Upload collision photos](#).
- Scan the QR code on the central display with the Mercedes me App. The encrypted collision photos will then be uploaded to Mercedes me.
- i** Any device that can scan QR codes can be used to view the collision photos in the Mercedes me App.

Copying the collision photos onto a USB flash drive

- Connect a USB flash drive (→ page 424).
- Select [Manage collision photos](#).
- Select [Copy \(USB\)](#). All collision photos are copied onto the USB flash drive.

Deleting collision photos

- Select [Manage collision photos](#).
- Select [Delete](#). All collision photos will be deleted.

Notes on parking up the vehicle

If you leave the vehicle parked up for longer than six weeks, it may suffer damage through disuse.

The 12 V battery may also be impaired or damaged by heavy discharging.

- Further information can be obtained at a qualified specialist workshop.

Standby mode (extension of the starter battery's period out of use)

Standby mode function

- This function is not available for all models. If standby mode is activated, energy loss will be minimised during extended periods of non-operation.

Standby mode is characterised by the following:

- The starter battery is preserved.
- The maximum non-operational time appears in the media display.
- The connection to online services is interrupted.

If the following conditions are fulfilled, standby mode can be activated or deactivated using the multimedia system:

- The engine is switched off.
- The ignition is switched on.

Exceeding the vehicle's displayed non-operational time may cause inconvenience, i.e. it cannot be guaranteed that the starter battery will reliably start the engine.

The starter battery must be charged first in the following situations:

- The vehicle's non-operational time must be extended.
- The Battery charge insufficient for standby mode message appears in the media display.

- Standby mode is automatically deactivated when the ignition is switched on.

Activating/deactivating standby mode (parking up the vehicle)

Requirements:

- The engine is switched off.

Multimedia system:

- Settings >> Vehicle
- Other functions
- Activate or deactivate Standby mode.

Driving and driving safety systems

Driving systems and your responsibility

Your vehicle is equipped with driving systems which assist you in driving, parking and manoeuvring the vehicle. The driving systems are only aids. They are not a substitute for your attention to the surroundings and do not relieve you of your responsibility pertaining to road traffic law. The driver is always responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane. Pay attention to the traffic conditions at all times and intervene when necessary. Be aware of the limitations regarding the safe use of these systems.

Driving systems can neither reduce the risk of accident if you fail to adapt your driving style nor override the laws of physics. They cannot always

take into account road, weather or traffic conditions.

Information on vehicle sensors and cameras

Some driving and driving safety systems use radar, lidar or ultrasonic sensors and cameras to monitor the area in front of, behind or next to the vehicle (depending on the vehicle's equipment).

Depending on the vehicle's equipment, the radar and lidar sensors are integrated behind the bumpers and/or behind the Mercedes star. The ultrasonic sensors are located in the front and rear bumpers. The cameras are located behind the front and rear windows. Keep these parts free of dirt, ice and slush (→ page 464). The sensors must not be covered, for example by bicycle racks, overhanging loads, stickers, foil or foils to protect against stone chipping. Additional licence plate brackets can likewise impair the function of the ultrasonic sensors.

In the event of damage to the bumpers or radiator grille, or following a collision impacting the bumpers or radiator grille, have the function of

the sensors checked at a qualified specialist workshop. Have damage or stone chipping in the area of the cameras on the front and rear windows repaired at a qualified specialist workshop. If the sensors or cameras are damaged, some driving systems and driving safety systems may no longer function properly.

Overview of driving systems and driving safety systems

In this section, you will find information about the following driving systems and driving safety systems:

- 360° Camera (→ page 243)
- ABS (Anti-lock Braking System) (→ page 204)
- Active Distance Assist DISTRONIC (→ page 218)
- Adaptive Brake Lights (→ page 214)
- AIRMATIC (→ page 232)
- Active Brake Assist (→ page 207)
- Active Lane Keeping Assist (→ page 262)

- Traffic Light Assist (→ page 258)
- ATTENTION ASSIST (→ page 252)
- BAS (Brake Assist System) (→ page 204)
- Hill Start Assist (→ page 231)
- E-ACTIVE BODY CONTROL (→ page 235)
- EBD (Electronic Brakeforce Distribution) (→ page 207)
- ESP® (Electronic Stability Program) (→ page 204)
- ESP® Crosswind Assist (→ page 206)
- ESP® trailer stabilisation (→ page 206)
- Active Speed Limit Assist (→ page 222)
- HOLD function (→ page 231)
- STEER CONTROL (→ page 207)
- Active Steering Assist (→ page 224)
- Limiter (→ page 215)
- Active Emergency Stop Assist (→ page 229)
- Active Parking Assist (→ page 246)
- Parking Assist PARKTRONIC (→ page 238)
- Reversing camera (→ page 240)

- Active Lane Change Assist (→ page 226)
- Cruise control (→ page 214)
- Blind Spot Assist and Active Blind Spot Assist with exit warning (→ page 259)
- Traffic Sign Assist (→ page 255)

Function of ABS

The Anti-lock Brake System (ABS) regulates the brake pressure in critical driving situations:

- During braking, e.g. at full brake application or insufficient tyre traction, the wheels are prevented from locking.
- Vehicle steerability while braking is ensured.

If ABS intervenes when braking, you will feel a pulsing in the brake pedal. The pulsating brake pedal can be an indication of hazardous road conditions and can serve as a reminder to take extra care while driving.

Function of BAS

The Brake Assist System (BAS) supports your emergency braking situation with additional brake force.

If you depress the brake pedal quickly, BAS is activated:

- BAS automatically boosts the brake pressure.
- BAS can shorten the braking distance.
- ABS prevents the wheels from locking.

The brakes will function as usual once you release the brake pedal. BAS is deactivated.

Function of ESP® (Electronic Stability Program)

A WARNING Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilisation.

 ESP® should only be deactivated in the following situations.

ESP® can monitor and improve driving stability and traction in the following situations, within physical limits:

- When pulling away on wet or slippery carriageways.
- When braking.

If the vehicle deviates from the direction desired by the driver, ESP® can stabilise the vehicle by intervening in the following ways:

- One or more wheels are braked.
- The engine output is adapted according to the situation.

When ESP® is deactivated, the  warning lamp lights up continuously:

- Driving stability will no longer be improved.
- The drive wheels could spin.
- ETS/4ETS traction control is still active.

- When ESP® is deactivated, you are still assisted by ESP® when braking.

When the  warning lamp flashes, one or several wheels have reached their grip limit:

- Adapt your driving style to suit the current road and weather conditions.
- Do not deactivate ESP®.
- Only depress the accelerator pedal as far as is necessary when pulling away.

Deactivate ESP® in the following situations to improve traction:

- When using snow chains.
- In deep snow.
- On sand or gravel.

- Spinning the wheels results in a cutting action, which enhances traction.

If the  ESP® warning lamp lights up continuously, ESP® is not available due to a malfunction.

Observe the following information:

- Indicator and warning lamps (→ page 633)
- Display messages (→ page 573)

ETS/4ETS (Electronic Traction System)

ETS/4ETS traction control is part of ESP® and makes it possible to pull away and accelerate on a slippery carriageway.

ETS/4ETS can improve the vehicle's traction by intervening in the following ways:

- The drive wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.

Influence of drive programs on ESP®

The drive programs enable ESP® to adapt to different weather and road conditions as well as the driver's preferred driving style. You can select the drive programs using the DYNAMIC SELECT switch (→ page 183).

ESP® modes

Depending on the selected drive program, the appropriate ESP® mode will be activated automatically. You can select the drive programs using the DYNAMIC SELECT switch (→ page 183).

ESP® Comfort

- drive program ,  and 
- balance between traction and stability
- recommended for all road surface conditions
- suitable for dry and difficult road conditions (e.g. snow and ice or wet road surface)

ESP® Sport

- drive program 
- offers stability but with a sporty setup
- allows the sporty driver a more active driving style
- only suitable for good road conditions, a dry road surface and a clear stretch of road

ESP® Sport +

- drive program 
- emphasises the vehicle's own oversteering and understeering characteristics for a more active driving style
- only suitable for good road conditions, a dry road surface and a clear stretch of road

Activating/deactivating ESP® (Electronic Stability Program)

Multimedia system:

     Vehicle quick-access

 ESP® can only be activated/deactivated using quick access when at least one other function is available in quick access. ESP® can otherwise be found in the Assistance menu.

 Select ESP.

 Select On or  Off.

ESP® is deactivated if the  ESP® OFF warning lamp lights up continuously in the instrument cluster.

Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

Function of ESP® Crosswind Assist

ESP® Crosswind Assist detects sudden gusts of side wind and helps the driver to keep the vehicle in the lane:

- ESP® Crosswind Assist is active at vehicle speeds between approx. 80 km/h and 200 km/h when driving straight ahead or cornering slightly.
- The vehicle is stabilised by means of a targeted and individual brake application on one side.

Function of ESP® trailer stabilisation

 **WARNING** Risk of accident in poor road and weather conditions

In poor road and weather conditions, the trailer stabilisation cannot prevent lurching of the vehicle/trailer combination. Trailers with a high centre of gravity may tip over before ESP® detects this.

 Always adapt your driving style to suit the current road and weather conditions.

When driving with a trailer, ESP® can stabilise your vehicle if the trailer begins to swerve from side to side:

- ESP® trailer stabilisation is active above speeds of 65 km/h.
- Slight swerving is reduced by means of a targeted, individual brake application on one side.
- In the event of severe swerving, the engine output is also reduced and all wheels are braked.

ESP® trailer stabilisation may be impaired or may not function if:

- The trailer is not connected correctly or is not detected properly by the vehicle.

Function of EBD

Electronic Brakeforce Distribution (EBD) is characterised by the following:

- Monitoring and regulating the brake pressure on the rear wheels.
- Improved driving stability when braking, especially on bends.

Function of STEER CONTROL

STEER CONTROL helps you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilisation.

This steering recommendation is given particularly in the following situations:

- Both right wheels or both left wheels are on a wet or slippery road surface when you brake.
- The vehicle starts to skid.

System limits

STEER CONTROL may be impaired or may not function in the following situations:

- ESP® is deactivated.
- ESP® is malfunctioning.
- The steering is malfunctioning.

If ESP® is malfunctioning, you will be assisted further by the electric power steering.

Function of Active Brake Assist

Active Brake Assist consists of the following functions:

- Distance warning function
- Autonomous braking function
- Situation-dependent braking assistance
- **Vehicles with Driving Assistance Package:** Evasive Steering Assist and cornering function

Active Brake Assist can help you to minimise the risk of a collision with vehicles, cyclists, large

animals (at animal crossings) or pedestrians, or reduce the effects of such a collision.

Vehicles with Driving Assistance Package: to minimise the risk of collision when pulling away even further, Active Brake Assist also limits the possible acceleration.

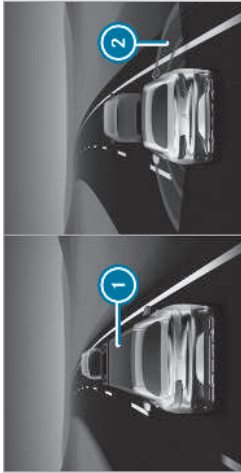
Vehicles with Driving Assistance Package:

Active Brake Assist can also help to minimise the risk of collision with pedestrians and cyclists when turning by monitoring the area which the vehicle will cross.

If Active Brake Assist has detected a risk of collision, a warning tone sounds and the  distance warning lamp lights up.



If, when pulling away at walking pace, the risk of collision with other crossing vehicles is detected, three red arrows pointing in the corresponding direction light up in the instrument cluster. Depending on the situation, these can either appear one after the other or flash simultaneously. If the situation is particularly critical, a warning tone will also sound and the  distance warning lamp will light up.



Too small a distance to the vehicle in front  is displayed in red in the menu "Assistance" in the multifunction display. If the gap becomes even smaller, the vehicle in front will also be highlighted red. In case of autonomous braking, red radar waves  appear in front of the vehicle.

Vehicles with PRE-SAFE®: depending on the country, an additional haptic warning occurs in the form of slight, repeated tensioning of the seat belt.

If you do not react to the warning, autonomous braking can be initiated in critical situations.

In particularly critical situations, Active Brake Assist can also initiate autonomous braking directly. In this case, the warning lamp and warning tone occur simultaneously with the braking application.

If you apply the brake yourself in a critical situation or apply the brake during autonomous braking, situation-dependent braking assistance occurs. The brake pressure increases up to maximum full-stop braking if necessary.

 If autonomous braking or situation-dependent braking assistance has occurred, a pop up appears in the multifunction display and then automatically goes out after a short time.

If the autonomous braking function or the situation-dependent braking assistance is triggered,

additional preventive measures for occupant protection (PRE-SAFE®) may also be initiated.

 **WARNING** Risk of an accident caused by limited detection performance of Active Brake Assist

Active Brake Assist cannot always clearly identify objects and complex traffic situations.

In such cases, Active Brake Assist might:

- Give a warning or brake without reason
- Not give a warning or not brake

▲ Always pay careful attention to the traffic situation; do not rely on Active Brake Assist alone. Active Brake Assist is only an aid. The driver is responsible for maintaining a suitable distance to the vehicle in front, vehicle speed and for braking in good time.

▲ Be prepared to brake or swerve if necessary.

 If the system is unavailable, the  display appears in the multifunction display.

Also observe the system limits of Active Brake Assist.

The individual subfunctions are available in the following speed ranges:

The distance warning function issues a warning in the following situations:

- From approximately 30 km/h, if over several seconds the distance maintained to the vehi-

cle travelling in front is insufficient for the driven speed, the  distance warning lamp lights up in the instrument cluster.

- From approximately 7 km/h, if your vehicle is critically close to a vehicle or pedestrian, you will hear an intermittent warning tone and the  distance warning lamp lights up in the instrument cluster.

Vehicles with PRE-SAFE®: depending on the country, an additional haptic warning

occurs in the form of slight, repeated tensioning of the seat belt.

Brake immediately or take evasive action, provided it is safe to do so and the traffic situation allows this.

The distance warning function can aid you in the following situations with an intermittent warning tone and a warning lamp:

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Crossing pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 80 km/h	No reaction	Up to approx. 80 km/h	No reaction	Up to approx. 60 km/h	Up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	Up to approx. 250 km/h	Up to approx. 100 km/h	Up to approx. 120 km/h	Up to approx. 120 km/h	Up to approx. 70 km/h	Up to approx. 120 km/h	Up to approx. 80 km/h	Up to approx. 70 km/h

The autonomous braking function may intervene in the following situations:

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Crossing pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	From 7 km/h up to approx. 200 km/h	From 7 km/h up to approx. 50 km/h	No reaction	From 7 km/h up to approx. 60 km/h	No reaction	From 7 km/h up to approx. 60 km/h	From 7 km/h up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	From 7 km/h up to approx. 250 km/h	From 7 km/h up to approx. 100 km/h	Up to approx. 120 km/h	Up to approx. 120 km/h	From 7 km/h up to approx. 70 km/h	Up to approx. 120 km/h	From 7 km/h up to approx. 80 km/h	From 7 km/h up to approx. 70 km/h

The situation-dependent braking assistance may intervene in the following situations:

	Vehicles travelling in front	Stationary vehicles	Crossing vehicles	Crossing pedestrians	Stationary pedestrians	Crossing cyclists	Cyclists travelling in front	Stationary cyclists
Vehicles without Driving Assistance Package	From 7 km/h up to approx. 200 km/h	From 7 km/h up to approx. 50 km/h	No reaction	From 7 km/h up to approx. 60 km/h	No reaction	From 7 km/h up to approx. 60 km/h	From 7 km/h up to approx. 80 km/h	No reaction
Vehicles with Driving Assistance Package	From 7 km/h up to approx. 250 km/h	From 7 km/h up to approx. 100 km/h	Up to approx. 120 km/h	Up to approx. 120 km/h	From 7 km/h up to approx. 70 km/h	Up to approx. 120 km/h	From 7 km/h up to approx. 80 km/h	From 7 km/h up to approx. 70 km/h

Cancelling a brake application of Active Brake Assist

You can cancel a brake application of Active Brake Assist at any time by:

- Activating kickdown.
- Releasing the brake pedal.

Active Brake Assist may cancel the brake application when one of the following conditions is fulfilled:

- You manoeuvre to avoid the obstacle.
- There is no longer a risk of collision.
- An obstacle is no longer detected in front of your vehicle.

Reaction to oncoming road users (only vehicles with Driving Assistance Package)

Active Brake Assist can also react to detected oncoming road users:

- Reaction up to speeds of approximately 100 km/h
- Warning for oncoming road users through acoustic warning and warning lamp

- Autonomous braking application in order to reduce the severity of an accident

Evasive Steering Assist (only vehicles with Driving Assistance Package)

▲ WARNING Risk of an accident despite Evasive Steering Assist

Evasive Steering Assist cannot always clearly identify objects and complex traffic situations.

In addition, the steering support of Evasive Steering Assist is generally not sufficient to avoid a collision.

In such cases Evasive Steering Assist can:

- give an unnecessary warning or provide assistance
- not give a warning or not provide assistance

▲ Always pay careful attention to the traffic situation; do not rely on Evasive Steering Assist alone.

▲ Be ready to brake and take evasive action, if necessary.

▲ Prevent the assistance by actively steering in non-critical driving situations.

▲ Drive at an appropriate speed if pedestrians are close to the path of your vehicle.

Evasive Steering Assist has the following characteristics:

- Detection of pedestrians, cyclists and vehicles.
- Assistance through power-assisted steering if it detects a swerving manoeuvre.
- Activation by an abrupt steering movement during a swerving manoeuvre.
- Assistance during swerving and straightening of the vehicle.
- Reaction from a speed of approximately 20 km/h up to a speed of approximately 70 km/h.

You can prevent the assistance at any time by actively steering.

Cornering function (only vehicles with Driving Assistance Package)

If a risk of collision with an oncoming vehicle is detected when turning, autonomous braking can be initiated at speeds up to approx. 20 km/h.

System limits

Full system performance is not available for a few seconds after switching on the ignition or after driving off.

The system may be impaired or may not function in the following situations:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- If the sensors are dirty, misted up, damaged or covered.
- If the sensors are impaired due to interference from other radar sources, e.g. strong radar reflections in multi-storey car parks.
- If a loss of tyre pressure or a defective tyre has been detected and displayed.

- In complex traffic situations where objects cannot always be clearly identified.
- In the case of persons smaller than approx. 1.10 m.
- If pedestrians, cyclists or vehicles move quickly into the sensor detection range.
- If road users are hidden by other objects or are located close to other objects.
- If the typical outline of a pedestrian or cyclist cannot be distinguished from the background.
- If a pedestrian or cyclist is not detected as such, e.g. due to special clothing or other objects.
- On bends with a tight radius.

i The Active Brake Assist sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered. Active Brake Assist is unavailable or only partially available during this teach-in period.

Setting Active Brake Assist

Requirements:

- The ignition is switched on.

Multimedia system:

→  → Settings → Assistance
→ Active Brake Assist

Select the desired setting.

The setting is retained when the engine is next started.

Deactivating Active Brake Assist

i It is recommended that you always leave Active Brake Assist activated.

Select Off.

The distance warning function, the autonomous braking function and the Evasive Steering Assist are deactivated.

When the engine is next started, the medium setting is automatically selected.

i If Active Brake Assist is deactivated, the  symbol appears in the status bar of the multifunction display.

Function of Adaptive Brake Lights

Adaptive Brake Lights warn following traffic in an emergency braking situation with the following actions:

- By flashing the brake lamps
- By activating the hazard warning lights

If the vehicle is braked sharply from speeds above 50 km/h, the brake lamps flash rapidly. This provides traffic travelling behind you with an even more noticeable warning.

If the vehicle is travelling at speeds of more than 70 km/h at the beginning of the brake application, the hazard warning lights switch on once the vehicle is stationary. When you pull away again, the hazard warning lights will switch off automatically at approximately 10 km/h. You can also switch off the hazard warning lights using the hazard warning button.

Cruise control and limiter

Function of cruise control

Cruise control regulates the speed to the value selected by the driver.

If you accelerate to overtake, for example, the stored speed is not deleted. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.

Cruise control is operated using the corresponding steering wheel buttons. You can store any speed above 20 km/h up to the maximum design speed or up to the set winter tyre limit. Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Messages in the driver's display

-  (grey): cruise control is selected but not yet active, or temporarily passive.
-  (green): cruise control is active.

A stored speed appears under the  display. If cruise control is active or temporarily passive, the speed dial in the speedometer will be greyed out up to the currently stored speed.

System limits

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out. Change into a lower gear in good time on long and steep downhill gradients. Take particular note of this when driving a laden vehicle. By doing so, you will make use of the engine's braking effect. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:

- In traffic situations which require frequent changes of speed, e.g. in heavy traffic, on winding roads.
- On slippery roads. Accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- If you are driving when visibility is poor.

Function of the limiter
The limiter restricts the speed of the vehicle. To reduce the speed to the set speed, the limiter applies the brakes automatically.

You can limit the speed as follows:

- **Variable:** for a temporary restriction of the vehicle speed, for example, in built-up areas.
- **Permanent:** for a permanent restriction of the vehicle speed, for example, when driving in winter tyre mode.

The variable limiter is operated using the corresponding steering wheel buttons. You can store any speed above 20 km/h up to the maximum design speed or up to the set winter tyre limit. You can also perform settings while the vehicle is stationary if the vehicle has been started.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Messages in the driver's display

-  (grey): variable limiter is selected but not yet activated.
-  (flashes grey): variable limiter is temporarily passive.
-  (green): variable limiter is activated.

A stored speed appears under the **LIM** display. If the variable limiter is active, the speed dial in the speedometer will be grayed out up to the currently stored speed.

- When the driving speed is greater than the stored speed, display **LIM** flashes.

Kickdown

If you depress the accelerator pedal beyond the pressure point (kickdown), the variable limiter switches to passive mode. The **LIM** **passive** message appears in the driver's display.

After completion of kickdown, the variable limiter is activated again in the following situations:

- If the driven speed drops below the stored speed.
- If the stored speed is called up.
- If you store a new speed.

Operating cruise control or the variable limiter

A WARNING Risk of accident due to stored speed

If you call up the stored speed and this is lower than your current speed, the vehicle decelerates.

- Take into account the traffic situation before calling up the stored speed.

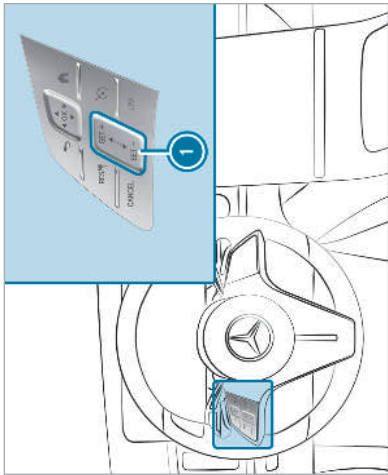
Requirements:

Cruise control

- Cruise control is selected.
- ESP® must be activated, but not intervening.
- The driven speed is at least 20 km/h.
- The transmission is in position **D**.

Variable limiter

- The vehicle has been started.
- The variable limiter is selected.



Steering wheel control panel for cruise control and limiter

RES Adopts the stored/detected speed
CANCEL Deactivates cruise control/the variable limiter

LIM Selects cruise control

LIM Selects the limiter

1 Control panel to increase/decrease speed

Switching between cruise control and the variable limiter:

- ▶ To select cruise control: press .
- ▶ To select the variable limiter: press .
- ❗ Vehicles with Active Distance Assist DISTRONIC: the variable limiter is selected by a different button (→ page 220).

Activating cruise control or the variable limiter:

- ▶ Press (SET+) or (SET-) in control panel . The current driven speed is stored and the vehicle maintains this speed (cruise control) or does not exceed it (limiter).
- or
- ▶ Press . The last stored speed is called up and the vehicle maintains this speed (cruise control) or does not exceed it (variable limiter).
If the last stored speed has previously been deleted, the currently driven speed is stored.
- ❗ When you switch off the vehicle, the last speed stored is cleared.

When you activate cruise control or Active Distance Assist DISTRONIC, the last speed stored for the variable limiter is cleared.

Increasing/decreasing the stored speed:

- ▶ To increase the stored speed: swipe upwards from the bottom of control panel .
 - The stored speed is increased by 1 km/h.
- ▶ To decrease the stored speed: swipe downwards from the top of control panel .
 - The stored speed is decreased by 1 km/h.

or

- ▶ Briefly press (SET+) or (SET-) in control panel . The stored speed is increased or decreased to the next increment of ten (e.g. to 50 km/h or 60 km/h).

or

- ▶ Press and hold (SET+) or (SET-) in control panel . The stored speed is increased or decreased to the next increment of ten and afterwards by increments of 10 km/h.

or

- ▶ Accelerate the vehicle to the desired speed.
- ▶ Press (SET+) in control panel .

- ❗ When the variable limiter is switched to passive mode, you cannot increase or decrease its stored speed in increments of 1 km/h.

Adopting a detected speed:

If cruise control/variable limiter is activated and Traffic Sign Assist has detected a speed restriction sign with a maximum permissible speed and this is displayed in the instrument cluster:

- ▶ Press . The maximum permissible speed shown by the traffic sign is stored and the vehicle maintains or does not exceed this speed.

Deactivating cruise control or the variable limiter:

- ▶ Press .
- ❗ If you brake, deactivate ESP® or if ESP® intervenes, cruise control is deactivated. The variable limiter is not deactivated.

Permanent limiter

If the vehicle should never exceed a specific speed (e.g. for driving in winter tyre mode), you can set this speed with the permanent limiter.

You do this by limiting the speed to a value between 160 km/h and 240 km/h in the multimedia system (→ page 218).

Shortly before the set speed is reached, it appears in the driver's display. When you confirm the message, display messages no longer appear until you switch off the vehicle. The speed will only be displayed again once the vehicle has been restarted or if the set speed is changed.

The permanent limiter does not switch to passive mode even during kickdown and the driven speed remains below the set speed.

Setting the speed limitation for winter tyres

Multimedia system:

-  → Settings → Vehicle
- Winter tyre limit
- ▶ Select a speed or deactivate the function.

Active Distance Assist DISTRONIC

Function of Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC maintains the set speed on free-flowing roads. If vehicles in front are detected, the set distance is maintained, if necessary, until the vehicle comes to a halt. The vehicle accelerates or brakes depending on the distance to the vehicle in front and the set speed. The speed and distance to the vehicle in front are set and saved on the steering wheel on vehicles without the Driving Assistance Package, in the range between 20 km/h and 200 km/h and, on vehicles with the Driving Assistance Package, in the range between 20 km/h and 210 km/h.

Other features of Active Distance Assist

DISTRONIC:

- Adjusts the driving style depending on the selected drive program (fuel-saving, comfortable or dynamic) (→ page 183)

- **Vehicles with Driving Assistance Package:** reacts to stationary vehicles detected (except bicycles and motorcycles)

- Initiates acceleration to the stored speed if the turn signal indicator is switched on to change to the overtaking lane
- **Vehicles with Driving Assistance Package:** takes one-sided overtaking restrictions into account on motorways or on multi-lane roads with separate carriageways (country-dependent)

Vehicles with Active Parking Assist and Driving Assistance Package: if the vehicle has been braked to a standstill by Active Distance Assist DISTRONIC, it can automatically follow the vehicle in front driving off again within 30 seconds. If a critical situation is detected when driving off, a visual and acoustic warning is given indicating that the driver must now take control of the vehicle. The vehicle is not accelerated any further.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Active Distance Assist DISTRONIC display in the multifunction display



- ① Vehicle in front
- ② Distance indicator
- ③ Set specified distance

Vehicle detected in front ① is highlighted in green. It may also be in the lane to the left of your vehicle in situations where it is not permitted to overtake on the right, for example, on motorways.

Permanent status display of Active Distance Assist DISTRONIC

-  (white): Active Distance Assist DISTRONIC selected, specified distance set
-  (green): Active Distance Assist DISTRONIC active, specified distance set and vehicle detected

The stored speed is shown under the permanent status display and highlighted on the speedometer. When Active Distance Assist DISTRONIC is passive, the speed is greyed out under the status display.

If the speed of the vehicle in front or the speed adjustment is less than the stored speed due to the route event ahead, the segments in the speedometer light up.

When the set specified distance is increased or decreased, the  display briefly appears under the vehicle in the permanent status display.

① On motorways or high-speed major roads, the green  vehicle symbol is displayed cyclically when the vehicle is ready to pull away.

① If you depress the accelerator pedal beyond the setting of the Active Distance Assist DISTRONIC, the system is switched to passive mode. The  suspended message appears in the multifunction display.

System limits

The system may be impaired or may not function in the following situations, for example:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- The windscreen in the area of the camera is dirty, misted up, damaged or covered.
- If the radar sensors are dirty or covered.
- In multi-storey car parks or on roads with steep uphill or downhill gradients.
- If there are narrow vehicles in front, such as bicycles or motorcycles.

In addition, on slippery roads, braking or accelerating can cause one or several wheels to lose traction and the vehicle could then skid.

Do not use Active Distance Assist DISTRONIC in these situations.

▲ WARNING Risk of accident from acceleration or braking by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC may accelerate or brake in the following cases, for example:

- If the vehicle pulls away using Active Distance Assist DISTRONIC.
- If the stored speed is called up and is considerably faster or slower than the currently driven speed.
- If Active Distance Assist DISTRONIC no longer detects a vehicle in front or does not react to relevant objects.

▲ Always carefully observe the traffic conditions and be ready to brake at all times.

▲ Take into account the traffic situation before calling up the stored speed.

▲ WARNING Risk of accident due to insufficient deceleration by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC brakes your vehicle with up to 50 % of the maximum possible deceleration. If this deceleration is not sufficient, Active Distance Assist DISTRONIC alerts you with a visual and acoustic warning.

▲ In these cases, adjust your speed and keep a sufficient distance.

▲ Brake the vehicle yourself and/or take evasive action.

▲ WARNING Risk of accident if detection function of Active Distance Assist DISTRONIC is impaired

Active Distance Assist DISTRONIC does not react or has a limited reaction:

- when driving on a different lane or when changing lanes

- to pedestrians, animals, bicycles or stationary vehicles, or unexpected obstacles
- to complex traffic conditions
- to oncoming vehicles and crossing traffic

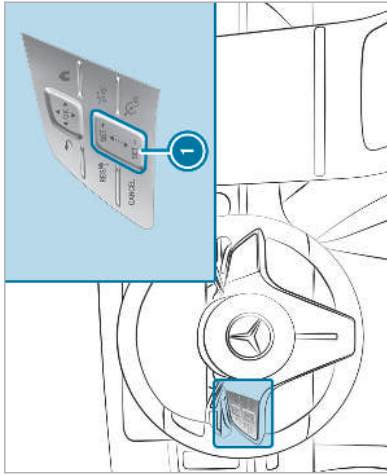
As a result, Active Distance Assist DISTRONIC may neither give warnings nor intervene in such situations.

▲ Always observe the traffic conditions carefully and react accordingly.

Operating Active Distance Assist DISTRONIC Requirements:

- The vehicle has been started.
- The electric parking brake is released.
- ESP® is activated and is not intervening.
- The transmission is in position **D**.
- All the doors are closed.
- Check of the radar sensor system has been successfully completed.
- Parking Assist PARKTRONIC is not being used to park the vehicle or to exit from a parking space.

- The vehicle does not skid.



Switching between Active Distance Assist DISTRONIC and the limiter

Press .

Activating the variable limiter or Active Distance Assist DISTRONIC

To activate without a stored speed: press the upper section (SET+) or lower section (SET-) of control panel  or press . **Active Distance Assist DISTRONIC:** remove your foot from the accelerator pedal.

or

To activate with a stored speed: press . **Active Distance Assist DISTRONIC:** remove your foot from the accelerator pedal. The current driven speed is stored and maintained (Active Distance Assist DISTRONIC) or limited (variable limiter) by the vehicle.

Adopting the speed limitation shown in the instrument cluster

Activate Active Distance Assist DISTRONIC.

Press .

The speed limit displayed in the instrument cluster is adopted as the stored speed. The vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed.

Pulling away with Active Distance Assist DISTRONIC

Activate Active Distance Assist DISTRONIC and remove your foot from the brake pedal.

Press .

or

Depress the accelerator pedal briefly and firmly.

The functions of Active Distance Assist DISTRONIC continue to be carried out.

Deactivating Active Distance Assist DISTRONIC

▲ WARNING Risk of accident due to Active Distance Assist DISTRONIC still being activated when you leave the driver's seat

If you leave the driver's seat while the vehicle is being braked by Active Distance Assist DISTRONIC only, the vehicle can roll away.

▲ Always deactivate Active Distance Assist DISTRONIC and secure the vehicle to prevent it from rolling away before you leave the driver's seat.

Press .

- ❗ If you brake, deactivate ESP® or if ESP® intervenes, Active Distance Assist DISTRONIC is deactivated.

Increasing or decreasing the speed

- ▶ To increase the stored speed: swipe upwards from the bottom of control panel ❶.

- The stored speed is increased by 1 km/h.

- ▶ To decrease the stored speed: swipe downwards from the top of control panel ❷.

- The stored speed is decreased by 1 km/h.

or

- ▶ Briefly press the upper section (SET+) or the lower section (SET-) on control panel ❶.

- The stored speed is increased or decreased by 10 km/h.

or

- ▶ Press and hold the upper section (SET+) or the lower section (SET-) on control panel ❶.

- The stored speed is increased or decreased in increments of 10 km/h.

or

- ▶ Accelerate the vehicle to the desired speed.

- ▶ Press the upper section (SET+) on control panel ❶.

Increasing or decreasing the specified distance from the vehicle in front

- ▶ Press .

- The set specified distance is shown in the assistance graphic.

Function of Active Speed Limit Assist

If a change in the speed limit is detected and automatic adoption of speed limits is activated, the new speed is automatically adopted as the stored speed (→ page 257).

The driven speed is adjusted when the vehicle is level with the traffic sign at the latest. In the case of signs indicating entry into an urban area, the speed is adapted according to the speed permitted within the urban area. The speed limit display in the Instrument Display is always updated when the vehicle is level with the traffic sign.

- ▶ If you are driving on German motorways and there is no speed limit, the system uses the

speed stored on an unlimited stretch of road as the recommended speed. If you do not alter the stored speed on an unlimited stretch of road, the recommended speed is 130 km/h.

If Active Distance Assist DISTRONIC has been put into passive mode by pressing the accelerator pedal, only speed limits which are higher than the set speed are adopted.

The maximum permissible speed does not take the road condition and current weather and traffic conditions into account. Adjust your speed accordingly, when necessary.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

System limits

The system limits of Traffic Sign Assist apply to the detection of traffic signs (→ page 255).

▲ WARNING Risk of accident due to Active Speed Limit Assist adapting the vehicle's speed

The speed adopted by Active Speed Limit Assist may be too high or incorrect in some individual cases, such as:

- In the wet or in fog
- When towing a trailer
- ▲ Ensure that the driven speed complies with traffic regulations.
- ▲ Adjust the driving speed to suit current traffic and weather conditions.

portable or dynamic manner. When the route event has been passed, the vehicle accelerates again to the stored speed. The set distance to the vehicle in front, vehicles detected ahead and speed restrictions ahead are taken into account. Route-based speed adaptation can be activated in the multimedia system (→ page 224).

The following route events are taken into account:

- Bends
- Roundabouts and toll stations
- T-junctions
- Turns and exits
- Traffic jams ahead (only with Live Traffic (→ page 354))

i When the toll station is reached, Active Distance Assist DISTRONIC adopts the speed as the stored speed.

Also, the speed is reduced if the turn signal indicator to change lanes is switched on and one of the following situations is detected:

- Turning off at junctions

- Driving on slowing-down lanes
- Driving on lanes adjacent to slowing-down lanes

The driver is responsible for choosing the right speed and observing other road users. This applies in particular to junctions, roundabouts and traffic lights, as route-based speed adaptation does not brake the vehicle to a standstill.

If a corresponding route event is detected while route guidance is active, the first speed adjustment is carried out automatically. If the turn signal indicator is switched on, the selected route is confirmed and further speed adjustment is activated.

Speed adjustment is cancelled in the following cases:

- If the turn signal indicator is switched off before the route event and it is therefore assumed that the route event is not relevant to the driver.
- If the driver depresses the accelerator or brake pedal during the process.

Function of route-based speed adaptation

i The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

When Active Distance Assist DISTRONIC is activated, the vehicle speed will be adjusted accordingly to the route events ahead. Depending on the drive program selected, the vehicle negotiates a route event ahead in a fuel-saving, com-

System limits

Route-based speed adaptation does not take right of way rules into account. The driver is responsible for complying with road traffic regulations and driving at a suitable speed.

In difficult conditions (e.g. unclear roads, narrow lanes, wet road surfaces, snow or ice) or when driving with a trailer, the speed adjustment made by the system may not always be suitable. In these situations the driver must intervene accordingly.

⚠ WARNING Risk of accident in spite of route-based speed adjustment

Route-based speed adjustment might malfunction or be temporarily unavailable in the following situations:

- If the driver does not follow the calculated route
- If map data is not up to date or available
- In road construction areas
- In bad weather or road conditions

- If the accelerator pedal is depressed
 - In the event of electronically displayed speed limitations
- ▶ Adjust the speed to the traffic situation.

Setting route-based speed adaptation

Requirements:

- Active Distance Assist DISTRONIC is activated.

Multimedia system:

→    [▶▶ Vehicle quick-access](#)

▶ Select [Route-based speed adaptation](#).

When the function is active, the vehicle speed is adjusted depending on the route events ahead.

i Further information on the route-based speed adaptation (→ page 223).

Active Steering Assist

Function of Active Steering Assist

i The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

Active Steering Assist is only available up to a speed of 210 km/h. The system helps you to stay in the centre of the lane by means of moderate steering interventions. Depending on the speed driven, Active Steering Assist uses the vehicles ahead and lane markings as a reference.

i Depending on the country, in the lower speed range Active Steering Assist can use the surrounding traffic as a reference. If necessary, Active Steering Assist can then also provide assistance when driving outside the centre of the lane.

If the detection of lane markings and vehicles ahead is impaired, Active Steering Assist switches to passive mode. The system provides no support in this case.

Active Steering Assist status display in the multifunction display

-  (green): activated and active
-  (red, flashing): prompt to the driver to actively confirm or transition from active to passive status, system limit detected

 During the transition from active to passive status, the  symbol is shown as enlarged and flashing. Once the system is passive, the  symbol is shown as grey in the multifunction display.

Contact detection

The driver is required to keep their hands on the steering wheel at all times and be able to intervene at any time to correct the course of the vehicle and keep it in lane. The driver must expect a change from active to passive mode or vice versa at any time.



If the driver removes their hands from the steering wheel for a considerable period, display  appears first. If the driver still does not steer the vehicle, or gives no confirmation to the system, a warning tone sounds in addition to the visual warning message.

The warning is not issued or is stopped as soon as the system detects that the driver is holding the steering wheel.

If Active Steering Assist detects that a system limit has been reached, a visual and acoustic warning is issued.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

System limits

Active Steering Assist has a limited steering torque for lateral guidance. In some cases, the steering intervention is not sufficient to keep the vehicle in the lane or to drive through exits.

The system may be impaired or may not function in the following instances:

- There is poor visibility, e.g. due to snow, rain, fog, heavy spray, greatly varying light conditions or strong shadows on the carriageway.
- There is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- Insufficient road illumination.
- The windscreen is dirty, misted up, damaged or covered in the vicinity of the camera, e.g. by a sticker.
- No, or several, unclear lane markings are present for one lane, or the markings change quickly, e.g. in a construction area or junctions.

- The lane markings are worn away, dark or covered up, e.g. by dirt or snow.
- The distance to the vehicle in front is too small and the lane markings thus cannot be detected.
- The road is narrow and winding.
- There are obstacles on the lane or projecting out into the lane, such as object markers.
- When towing a trailer.

The system does not provide assistance in the following conditions:

- On tight bends and when turning.
- When crossing junctions.
- At roundabouts or toll stations.
- When actively changing lane without switching on the turn signal indicator.
- When the tyre pressure is too low.

Depending on the selected vehicle settings, Active Steering Assist may be unavailable. Observe the status display of Active Steering Assist in the multifunction display.

**WARNING** Risk of accident if Active Steering Assist unexpectedly stops functioning

If the system limits of Active Steering Assist are reached there is no guarantee that the system will remain active or will keep the vehicle in lane.

- ▶ Always keep your hands on the steering wheel and observe the traffic carefully.
- ▶ Always steer the vehicle paying attention to traffic conditions.

**WARNING** Risk of accident if Active Steering Assist unexpectedly intervenes

A malfunction in the detection of lane markings and objects can occur. This could cause unexpected steering intervention.

- ▶ Steer according to traffic conditions.

Activating/deactivating Active Steering Assist
Requirements:

- ESP® is activated, but is not intervening.
- Active Distance Assist DISTRONIC is activated.

Multimedia system:





Select  Act. Steering Asst.  Vehicle quick-access

Function of Active Lane Change Assist

 The following function is country-dependent and only available in conjunction with the Driving Assistance Package.

Active Lane Change Assist supports the driver when changing lanes by applying steering torque if the driver operates a turn signal indicator. Assistance when changing lanes is provided if all the following conditions are met:

- You are on a motorway or high-speed major road.
- The neighbouring lane is separated by a broken lane marking.

- The driver removes their hands from the steering wheel.
- The driver steers in the opposite direction or activates the turn signal indicator in the opposite direction.
- When Active Distance Assist DISTRONIC or Active Steering Assist is deactivated.

Cancellation of Active Lane Change Assist can be displayed as follows:

- The arrow in the selected direction of travel turns red.
- An appropriate message appears in the multifunction display.
- A warning tone sounds.

**WARNING** Risk of accident from changing lane to an occupied adjacent lane

Lane Change Assist cannot always detect clearly if the adjacent lane is free.
The lane change might be initiated although the adjacent lane is not free.



Before changing lanes, make sure that the neighbouring lane is free and there is no danger to other road users.

Monitor the lane change.

**WARNING** Risk of accident if Lane Change Assist unexpectedly stops functioning

If the system limitations for Lane Change Assist have been reached, there is no guarantee that the system will remain active. Lane Change Assist cannot then assist you by applying steering torques.

Always monitor the lane change and keep your hands on the steering wheel. Observe the traffic conditions and steer and/or brake if necessary.

System limits
The system limitations of Active Steering Assist apply to Active Lane Change Assist (→ page 224).

The system may also be impaired or may not function in the following situations:

- The exterior lighting shows a defect.
- The system does not detect a suitable road, for example, in tight bends or shortly after entering a motorway.



The Active Lane Change Assist sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered. Active Lane Change Assist is unavailable or only partially available during the teach-in process; no arrow appears next to the  Active Steering Assist symbol when the turn signal indicator is activated.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

230 Driving and parking

You can cancel the intervention by Active Emergency Stop Assist after automatic braking is initiated by one of the following actions:

- accelerating
- braking: the emergency stop is cancelled, but the warning message, warning tone and power-assisted steering remain active
- steering: power-assisted steering is cancelled, the warning message and warning tone remain active and the vehicle continues to be braked

- ① Active Emergency Stop Assist can initiate an emergency stop a maximum of three times within one ignition cycle.

System limits

If Active Lane Keeping Assist does not detect lane markings, Active Emergency Stop Assist is not active.

For the detection of vehicles and other obstacles, observe the system limits of the following functions:

- Active Distance Assist DISTRONIC (→ page 218)

- Active Steering Assist (→ page 224)
- Active Lane Change Assist (→ page 226)

Function of Active Traffic Jam Assist

- ① Active Traffic Jam Assist is country-dependent and only available for vehicles with the Driving Assistance Plus Package.

Active Traffic Jam Assist helps you when in traffic jams on multi-lane roads with separate carriageways by automatically pulling away within up to 60 seconds and with moderate steering manoeuvres. It orients itself using the vehicle in front and lane markings. Active Traffic Jam Assist automatically maintains a safe distance from the vehicle in front and vehicles cutting in.

Active Traffic Jam Assist requires you, as the driver, to keep your hands on the steering wheel at all times so that you are able to intervene at any time to correct the course of the vehicle and keep it in lane.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Active Traffic Jam Assist activates automatically when all of the following conditions are met:

- You are in a traffic jam on a motorway or high-speed major road.
- Active Distance Assist DISTRONIC is switched on and active (→ page 220).
- Active Brake Assist is available (→ page 207).
- Active Steering Assist is switched on and active (→ page 226).
- You are travelling no faster than 60 km/h.

The following symbol is displayed in the instrument cluster when the system is active:



System limits

The system limitations of Active Distance Assist DISTRONIC and Active Steering Assist apply to Active Traffic Jam Assist (→ page 224).

Activating/deactivating Active Traffic Jam Assist

Multimedia system:

→     Vehicle quick-access



Select Act. Stop&Go Asst.

Function of Hill Start Assist

Hill Start Assist holds the vehicle for a short time when pulling away on a hill under the following conditions:

- The transmission is in position **D** or **R**.
- The electric parking brake is released.

This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll away.

WARNING Risk of accident and injury due to the vehicle rolling away

After a short time, Hill Start Assist no longer holds the vehicle.

Swiftly move your foot from the brake pedal to the accelerator pedal. Do not leave the vehicle when it is being held by Hill Start Assist.

HOLD function

HOLD function

The HOLD function holds the vehicle at a standstill without requiring you to depress the brake pedal, e.g. while waiting in traffic.

The HOLD function is only an aid. The responsibility for the vehicle safely standing still remains with the driver.

System limits

The HOLD function is only intended to provide assistance when driving and is not a sufficient means of safeguarding the vehicle against rolling away when stationary.

- The incline must not be greater than 30%.

HOLD-Funktion ein- und ausschalten

WARNING Unfallgefahr durch eingeschaltete HOLD-Funktion beim Verlassen des Fahrzeugs

Wenn das Fahrzeug nur von der HOLD-Funktion gebremst wird, kann es in folgenden Situationen wegrollen:

- Wenn eine Störung im System oder in der Spannungsversorgung auftritt.
- Wenn die HOLD-Funktion durch Betätigung des Fahrpedals oder des Bremspedals ausgeschaltet wird, z.B. durch einen Fahrzeuginsassen.

Das Fahrzeug stets vor dem Verlassen gegen Wegrollen sichern.

Voraussetzungen

- Das Fahrzeug steht.
- Die Fahrertür ist geschlossen oder der Sicherheitsgurt fahrerseitig ist angelegt.

- Der Motor läuft oder wurde durch die ECO Start-Stopp-Funktion abgestellt.
- Die elektrische Feststellbremse ist gelöst.
- Der Aktive Abstands-Assistent DISTRONIC ist ausgeschaltet.
- Das Getriebe ist in Stellung **[D]**, **[R]** oder **[N]**.

HOLD-Funktion einschalten

- ▶ Das Bremspedal treten und nach kurzer Zeit zügig weiter durchtreten, bis die Anzeige **[HOLD]** im Fahrer-Display erscheint.
- ▶ Das Bremspedal loslassen.

HOLD-Funktion ausschalten

- ▶ Zum Anfahren auf das Fahrpedal treten.
- oder
- ▶ Auf das Bremspedal treten, bis die Anzeige **[HOLD]** im Fahrer-Display ausgeht.
- Die HOLD-Funktion wird in den folgenden Situationen ausgeschaltet:
- Der Aktive Abstands-Assistent DISTRONIC wird eingeschaltet.

- Das Getriebe wird in Stellung **[P]** gebracht.
- Das Fahrzeug wird mit der elektrischen Feststellbremse gesichert.

In den folgenden Situationen wird das Halten des Fahrzeugs durch die Getriebebestellung **[P]** und/oder die elektrische Feststellbremse sichergestellt:

- Der Sicherheitsgurt wird abgelegt und die Fahrertür geöffnet.
- Das Fahrzeug wird abgestellt.
- Eine Systemstörung tritt auf oder die Spannungsversorgung ist unzureichend.

Zusätzlich kann im Fahrer-Display die Meldung **Brake immediately** erscheinen und ein regelmäßiger Hupton ertönen.

- ▶ Sofort fest auf die Bremse treten, bis die Warnmeldung ausgeht.
- ▶ Die HOLD-Funktion wird ausgeschaltet.
- ▶ Zusätzlich das Fahrzeug gegen wegrollen sichern.

AIRMATIC

Function of AIRMATIC

AIRMATIC is an air suspension system with variable damping for improved driving comfort. The all-round level control system ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When driving at speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. You also have the option of manually adjusting the vehicle level.

AIRMATIC includes the following components and functions:

- air suspension with automatic all-round level control
- speed-dependent lowering to reduce fuel consumption
- raised vehicle level setting manually selectable via the multimedia system for greater ground clearance
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)

Available suspension settings

Drive program	Characteristics
S (Sport) S+ (Sport +)	• The suspension setting is firmer. • The vehicle is set to low level -1. • The vehicle is lowered to low level -2 when driving at speeds above 120 km/h. • When driving at speeds below 80 km/h, the vehicle is raised again to low level -1.
C (Comfort) E (Economy)	• The suspension setting is comfortable. • The vehicle is set to the normal level. • The vehicle is lowered to low level -1 when driving at speeds above 120 km/h. • The vehicle is lowered to low level -2 when driving at speeds above 160 km/h. • When driving at speeds below 120 km/h, the vehicle is raised again to low level -1. • When driving at speeds below 80 km/h, the vehicle is raised again to the normal level.

i **Operation with a trailer or bicycle rack:** if the electrical connection has been correctly established, the vehicle remains at normal level irrespective of speed or the drive program selected.

Setting the vehicle level

A

WARNING Risk of accident because vehicle level is too high

Driving characteristics may be impaired.

The vehicle can drift outwards, for example, when steering or cornering.

Choose a vehicle level which is suited to the driving style and the road surface conditions.

▲ WARNING Risk of entrapment from vehicle lowering When lowering the vehicle, other people could become trapped if their limbs are between the vehicle body and the tyres or underneath the vehicle. ▲ Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when the vehicle is being lowered.	
▲ WARNING Risk of becoming trapped due to the vehicle lowering Vehicles with AIRMATIC or level control: when you unload luggage or leave the vehicle, the vehicle first rises slightly and then returns to the set level shortly afterwards. You or anyone else in the vicinity of the wheel arches or the underbody could thus become trapped. The vehicle can also be lowered after being locked.	

▲ When leaving the vehicle, make sure that nobody is in the vicinity of the wheel arches or the underbody.	
! NOTE Damage due to vehicle lowering Parts of the body could be damaged when the vehicle is lowered. ▲ Make sure that there are no obstacles such as kerbs underneath or in the immediate vicinity of the body when the vehicle is being lowered.	

Requirements:

- The vehicle has been started.
- The vehicle is not moving faster than 60 km/h.
- When the trailer socket is contacted (trailer/ bicycle rack): the vehicle is not moving faster than 30 km/h.

Multimedia system:

→    [Vehicle quick-access](#)

Raising the vehicle

▲ Select [Vehicle level](#).

The indicator lamp lights up continuously.

The vehicle is raised to off-road level +1.

Your selection is saved. The off-road level +1 set remains stored even after the ignition has been switched off.

The vehicle is lowered again in the following situations:

- When driving faster than 80 km/h.
- When driving briefly between 60 km/h and 80 km/h.
- After selecting a different drive program using the DYNAMIC SELECT switch.
In this case, the vehicle is adjusted to the height of the active drive program.
- When the trailer socket is contacted (trailer/ bicycle rack): the vehicle is moving faster than 30 km/h.

Lowering the vehicle

- ▶ Select **Vehicle level**.
The indicator lamp goes out when the lowering process is complete.
The vehicle is adjusted to the height of the active drive program.
- ⓘ In the Sport drive program, only the normal vehicle level is possible when the trailer socket is contacted (trailer/bicycle rack).

E-ACTIVE BODY CONTROL

Function of E-ACTIVE BODY CONTROL

E-ACTIVE BODY CONTROL is an electrohydraulic suspension system with variable damping for improved driving comfort. The all-round level control system ensures the best possible sus-

pension and constant ground clearance, even with a laden vehicle. When driving at speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. The suspension setting is adjusted depending on the road surface, vehicle load and the drive program selected.

The ROAD SURFACE SCAN function detects areas of unevenness in the road before you drive over them by means of a multifunction camera. This reduces chassis movements.

The damping is adjusted individually to each wheel and depends on the following factors:

- Driving style, e.g. sporty
- Road condition, e.g. bumps
- Drive program

E-ACTIVE BODY CONTROL is comprised of the following functions and components:

- ROAD SURFACE SCAN
- Curve inclination function CURVE
- Air suspension with automatic level control
- Speed-dependent lowering to reduce fuel consumption
- ADS PLUS (Adaptive Damping System with constant adjustment of damping characteristics)
- DYNAMIC SELECT button for selecting a drive program (→ page 183)
- Manual level adjustment via the multimedia system

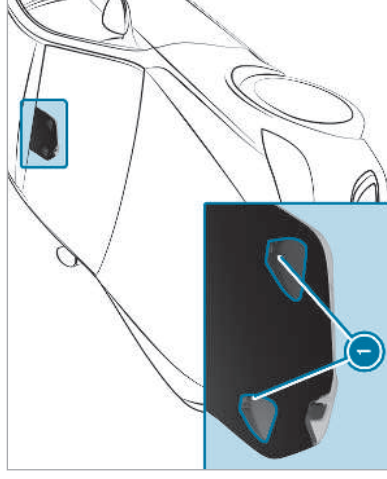
Characteristics per drive program

Suspension settings and vehicle level	
Drive program	• The suspension setting is firmer. • The vehicle is set to low level -1. • The vehicle is lowered to low level -2 when driving at speeds above 120 km/h. • When driving at speeds below 80 km/h, the vehicle is raised again to low level -1. • ROAD SURFACE SCAN is deactivated. • S: the curve inclination function is deactivated. • S': The curve inclination function is active.
C (Comfort) CV (CURVE) E (Economy)	• The suspension setting is comfortable. • The vehicle is set to the normal level. • The vehicle is lowered to low level -1 when driving at speeds above 120 km/h. • The vehicle is lowered to low level -2 when driving at speeds above 160 km/h. • When driving at speeds below 120 km/h, the vehicle is raised again to low level -1. • When driving at speeds below 80 km/h, the vehicle is raised again to the normal level. • C and CV: ROAD SURFACE SCAN is active. • CV': The curve inclination function is active.

- i** **Operation with a trailer or bicycle rack:** if the electrical connection has been correctly established, the vehicle remains at normal level irrespective of speed or the drive program selected.

Function of ROAD SURFACE SCAN

- i** This function is not available in all countries.



The ROAD SURFACE SCAN function monitors the road in front of your vehicle using multifunction camera **1**. ROAD SURFACE SCAN detects unevenness in the road surface, e.g. bumps, before the vehicle drives over them. Chassis movements are reduced and driving comfort is increased.

ROAD SURFACE SCAN is automatically activated if the following conditions are met:

- Drive program **C** (Comfort) or **CV** (CURVE) is selected.
- The vehicle is set to the normal level.
- You are driving at a speed between 7 km/h and 180 km/h.

System limits

ROAD SURFACE SCAN can be impaired in the following situations or can stop functioning:

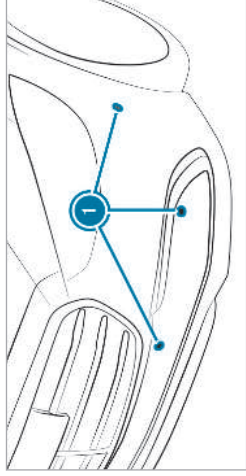
- If the carriageway is insufficiently lit, e.g. at night.
- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.

- If the windscreen in the area of multifunction camera **1** is dirty, misted up, damaged or covered.
- If the road surface has no optic structure or reflects light.
- If you are driving too close to the vehicle in front.
- If sections of the route have a very small radius of curvature.
- During abrupt driving manoeuvres, e.g. heavy braking or sudden acceleration.

Observe the notes on cleaning the multifunction camera (→ page 464).

Parking Assist PARKTRONIC

Function of Parking Assist PARKTRONIC



Parking Assist PARKTRONIC is an electronic parking assistance system with ultrasound. It monitors the area around your vehicle using sensors ❶ on the front bumper and on the rear bumper. Parking Assist PARKTRONIC shows you the distance between your vehicle and a detected obstacle visually and audibly.

In the standard setting, an intermittent warning tone sounds from a distance of approximately 0.3 m to an obstacle in front and approximately 1.0 m to an obstacle behind. A continuous warning tone sounds from a distance of approx-

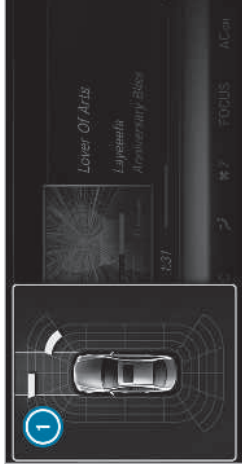
imately 0.2 m. Using the [Warn early all-round](#) (placeholder) setting in the multimedia system, the warning tones for front and side impact protection can be set to sound at a greater distance of approximately 1.0 m in front and 0.6 m on the sides (→ page 240).

❶ The [Warn early all-round](#) (placeholder) setting is always active in the rear of the vehicle.

If Parking Assist PARKTRONIC is deactivated, Active Parking Assist is unavailable.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Parking Assist PARKTRONIC display in the multimedia system



Placeholder

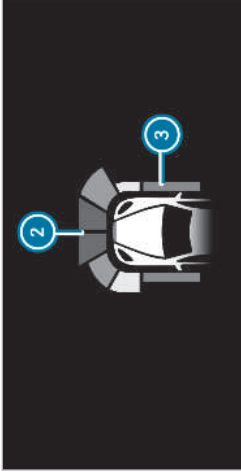
Vehicles with Active Parking Assist without a 360° Camera



Placeholder

Vehicles with Active Parking Assist and a 360° Camera

If Active Parking Assist is deactivated and an obstacle is detected in the path of the vehicle, a pop-up window for Parking Assist PARKTRONIC ❶ appears in the multimedia system at speeds below 10 km/h.



Placeholder

Display of Active Parking Assist PARKTRONIC in the head-up display

Optionally, obstacles detected by Active Parking Assist PARKTRONIC from a distance of approximately 1.0 m in front ❶ and 0.6 m on the sides ❷ can also be displayed in the head-up display.

System limits

Parking Assist PARKTRONIC does not necessarily take into account the following obstacles:

- Obstacles below the detection range, e.g. persons, animals or objects.

- Obstacles above the detection range, e.g. overhanging loads, overhangs or loading ramps of lorries.

The sensors must be free of dirt, ice and slush. Otherwise, they may not function correctly. Clean the sensors regularly, taking care not to scratch or damage them.

Vehicles with trailer hitch: Parking Assist PARKTRONIC is deactivated for the rear zone when you establish an electrical connection between your vehicle and a trailer.

Activating/deactivating Parking Assist PARKTRONIC

	NOTE Risk of an accident from objects at close range
Parking Assist PARKTRONIC may not detect certain objects at close range.	
	When parking or manoeuvring the vehicle, pay particular attention to any objects which are above or below the sensors, e.g. flowerpots or drawbars.

The vehicle or other objects could otherwise be damaged.

If the **P** symbol is shown in the multifunction display, Parking Assist PARKTRONIC is not active.

Multimedia system:

→ **Vehicle quick-access**

▶ Select **PARKTRONIC**.

ⓘ Parking Assist PARKTRONIC is automatically activated when the engine is started.

Adjusting the warning tones of Parking Assist PARKTRONIC

Multimedia system:

→ **Settings** ▶ **Assistance**

▶ **Camera & parking**

Adjusting the volume of the warning tones

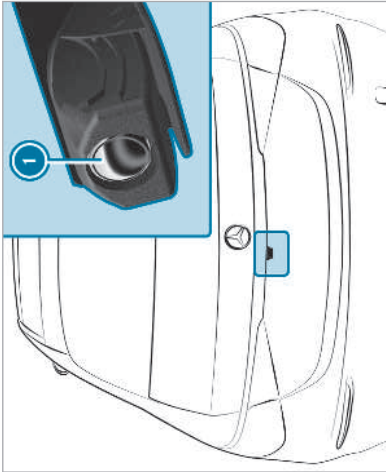
▶ Set the desired level under **Warning tone volume**.

Adjusting the pitch of the warning tones

▶ Set the desired level under **Warning tone pitch**.

Reversing camera

Function of the reversing camera



If you have activated the function in the multimedia system, the image from reversing camera ⓘ

is shown in the media display when the reverse gear is engaged. Dynamic guide lines show the path the vehicle will take with the steering wheel in its current position. This helps you to orient yourself and to avoid obstacles when reversing.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

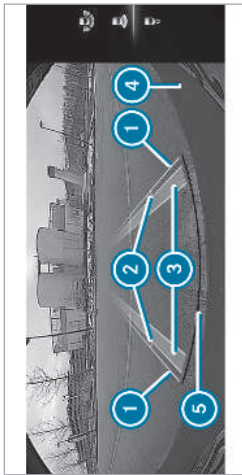
Depending on the vehicle equipment, you can select from the following views:

- Normal view
- Wide-angle view
- Trailer view

The area behind the vehicle is displayed as a mirror image, as in the inside rearview mirror.

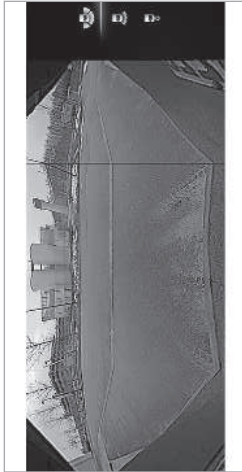
Vehicles without Active Parking Assist

The following camera views are available in the multimedia system:



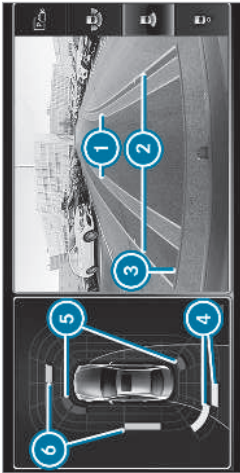
Normal view

- ① Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)
- ② Yellow guide line at a distance of approximately 1.0 m from the rear area
- ③ Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- ④ Bumper
- ⑤ Red guide line at a distance of approximately 0.3 m from the rear area



Wide-angle view

- Trailer view (vehicles with a trailer hitch)
- ① Yellow guide line, locating aid



Normal view

- ① Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- ② Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)

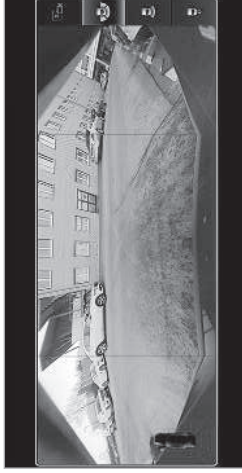
- ② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

Vehicles with Active Parking Assist

The following camera views are available in the multimedia system:

- ③ Red guide line at a distance of approximately 0.3 m from the rear area
- ④ Yellow warning indicator of Parking Assist PARKTRONIC: obstacles at a distance between approximately 0.6 m and 1.0 m
- ⑤ Red warning display of Parking Assist PARKTRONIC: obstacles are very close (approximately 0.3 m or less)
- ⑥ Orange warning display of Parking Assist PARKTRONIC: obstacles are a medium distance away (between approximately 0.3 m and 0.6 m)

❗ If the entire system fails, the internal segments of the warning display are shown in red and the  symbol appears in the multifunction display in the instrument cluster. If the system fails at the rear, the rear segments are shown in red when reversing and are hidden when driving forwards. When Active Parking Assist is active, lane markings ① are displayed in green. If Parking Assist PARKTRONIC is deactivated, the warning display fades out.



Wide-angle view



- ① Trailer view (vehicles with a trailer hitch)
- ② Yellow guide line, locating aid

- ② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

System failure



If the vehicle is not operationally ready, a message appears in the multimedia system.

System limits

The reversing camera will not function or will only partially function in the following situations:

- The boot lid is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.

- The camera lens is obstructed, dirty or misted up. Observe the notes on cleaning the reversing camera (→ page 464).
- The camera or rear of your vehicle is damaged. In this case, have the camera and its position and setting checked at a qualified specialist workshop.

i Do not use the reversing camera in these types of situation. You could otherwise injure others or collide with objects when parking the vehicle.

The field of vision and other functions of the reversing camera may be restricted due to additional accessories on the rear of the vehicle (e.g. licence plate bracket or bicycle rack).

- i** The contrast of the display may be impaired by direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.
- i** Have the display repaired or replaced if, for example, pixel errors considerably restrict its use.

360° Camera

Function of the 360° Camera

The 360° Camera is a system that consists of four cameras. The cameras cover the immediate vehicle surroundings. The system assists you, e.g. when parking or at exits with reduced visibility.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

The system evaluates images from the following cameras:

- Reversing camera
- Front camera
- Two side cameras in the outside mirrors

Views of the 360° Camera

You can select from different views:



- 1 Wide-angle view, front
- 2 Top view with image from the front camera
- 3 Top view with images from the side cameras in the outside mirrors
- 4 Wide-angle view, rear
- 5 Top view with image from the reversing camera
- 6 Top view with trailer view (vehicles with a trailer hitch)

Top view



- ① Lane indicating the route the vehicle will take at the current steering wheel angle
- ② Yellow warning display of Parking Assist PARKTRONIC: obstacles at a distance of approximately 1.0 m or less
- ③ Your vehicle from above

If the distance to the object is reduced, the color of warning display ② changes:

- From approx. 1.0 m: yellow
- From approx. 0.6 m: orange
- From approx. 0.3 m: red

When Parking Assist PARKTRONIC is operational and no object is detected, the segments of the warning display are shown in grey.

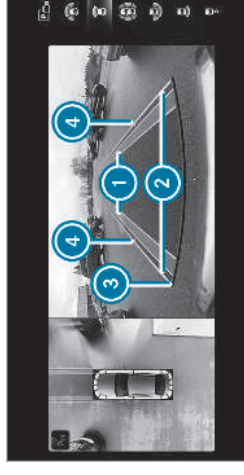
- ① If the entire system fails, the segments of the warning display are shown in red and the symbol appears in the multifunction display in the instrument cluster.

If the system fails at the rear, the display of the segments changes as follows:

- The rear segments are shown in red when reversing.
- The rear segments are hidden when driving forwards.

If Parking Assist PARKTRONIC is deactivated, the warning display fades out.

Guide lines



- ① Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
- ② Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)
- ③ Red guide line at a distance of approximately 0.3 m from the rear area
- ④ Mark at a distance of approx. 1.0 m
- ① When Active Parking Assist is active, lane markings ① are displayed in green.

The guide lines in the media display show the distances to your vehicle. The distances apply to road level.

In trailer mode, the guide lines are shown at the level of the trailer hitch.

Trailer view (vehicles with a trailer hitch)

If you select trailer view and no trailer is coupled to the vehicle, the following display appears:



- ① Yellow guide line, locating aid
- ② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
- ③ Ball head of the trailer hitch

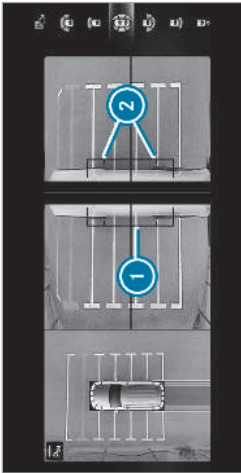


When the electrical connection is established between the vehicle and the trailer, the display changes to the side camera view.

This view supports manoeuvring procedures with a trailer.

Side view of the mirror cameras

The sides of the vehicle can be seen in this view.



- ① Guide line of external vehicle dimensions with outside mirrors folded out
- ② Marker of the wheel contact points

System failure

If the vehicle is not operationally ready, the following message appears in the multimedia system:



System limits

The 360° Camera will not function or will only partially function in the following situations:

- The doors are open.
- The side mirrors are folded in.
- The boot lid is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.
- The camera lens is obstructed, dirty or misted up.
- If cameras or vehicle components in which the cameras are fitted are damaged. In this event, have the cameras, their positions and

their setting checked at a qualified specialist workshop.

- ⓘ Do not use the 360° Camera under such circumstances. You could otherwise injure others or collide with objects when parking the vehicle.

For technical reasons, the standard height of the vehicle may be altered if the vehicle is carrying a heavy load and can result in inaccuracies in the guide lines and in the display of the generated images.

The field of vision and other functions of the camera system may be restricted due to additional attachments on the vehicle (e.g. licence plate bracket, bicycle rack).

- ⓘ The contrast of the display may be impaired by abrupt direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.
- ⓘ Have the display repaired or replaced if, for example, pixel errors considerably restrict its use.

See the notes on cleaning the 360° Camera (→ page 464).

Active Parking Assist

Function of Active Parking Assist

Active Parking Assist is an electronic parking assistance system which uses ultrasound and is automatically activated during forward travel. The system is operational at speeds below approximately 35 km/h.

If all requirements are met, the  display appears in the multifunction display. The system then independently locates and measures parallel and perpendicular parking spaces on both sides of the vehicle.

When Active Parking Assist detects parking spaces, the  display appears in the multifunction display. The arrows show on which side of the road detected parking spaces are located. They are then shown in the media display. The parking space and, if necessary, the parking direction can be selected as desired. Active Parking Assist calculates a suitable vehicle path, switches on the turn signal indicator and assists you in parking and exiting the parking space.

Active Parking Assist provides assistance when changing gear, accelerating, braking and steering the vehicle.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Active Parking Assist is cancelled if, among other things, one of the following actions is carried out:

- Parking Assist PARKTRONIC is deactivated.
- Active Parking Assist is deactivated.
- You begin steering.
- You apply the parking brake.
- You engage transmission position **P**.
- ESP® intervenes.
- You open the doors or the boot lid while driving.

System limits

Objects located above or below the detection range of Active Parking Assist are not detected when the parking space is being measured. These are also not taken into account when the

parking manoeuvre is calculated, e.g. overhanging loads, overhangs or loading ramps of lorries, or the boundaries of parking spaces. In some circumstances, Active Parking Assist may therefore guide you into the parking space prematurely.



WARNING Risk of accident due to objects located above or below the detection range of Active Parking Assist

If there are objects above or below the detection range, the following situations may arise:

- Active Parking Assist may steer too early.
- **Vehicles with automatic transmission:** The vehicle may not stop in front of these objects.

This could cause a collision.

 In these situations, do not use Active Parking Assist.

Snowfall or heavy rain may lead to a parking space being measured inaccurately. Parking spaces that are partially occupied by trailer drawbars might not be identified as such or be

measured incorrectly. Only use Active Parking Assist on level, high-grip ground.

Do not use Active Parking Assist in the following situations:

- In extreme weather conditions such as ice, packed snow or in heavy rain.
- When transporting a load that protrudes beyond the vehicle.
- If the parking space is on a steep downhill or uphill gradient.
- When snow chains are fitted.

Active Parking Assist may also display parking spaces which are unsuitable for parking, for example, the following:

- Parking spaces where parking is prohibited.
- Parking spaces on unsuitable surfaces.

Active Parking Assist will not assist you with parking spaces at right angles to the direction of travel in the following situations:

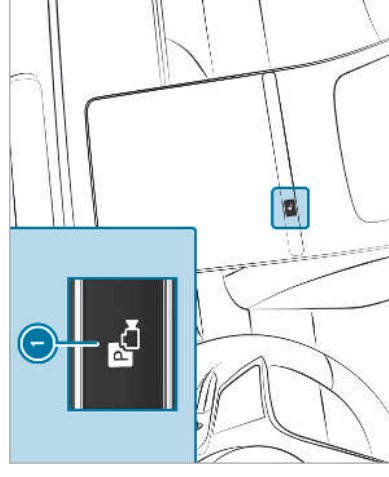
- If two parking spaces are located immediately next to each other.

- If the parking space is immediately next to a low obstacle such as a kerb.

Active Parking Assist will not assist you with parking spaces parallel or at right angles to the direction of travel in the following situations:

- If the parking space is on a kerb.
- If the parking space is bordered by an obstacle, e.g. a tree, a post or a trailer.

Parking with Active Parking Assist



▶ Press button 1.



The media display shows the view of Active Parking Assist. Area 2 displays detected parking spaces 4 and vehicle path 3.

- 1 Vehicle path 3 shown on the media display may differ from the actual vehicle path.

If you have driven past a parking space: bring the vehicle to a standstill.

Select desired parking space 4.

Where necessary, select the parking direction: forwards or reverse.

Vehicle path 3 is shown, depending on selected parking space 4 and the parking direction.

-  Confirm selected parking space .
-  The turn signal indicator is switched on automatically when the parking procedure begins. The turn signal indicator is switched off automatically when you switch to **D**.
- You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.

 **WARNING** Risk of accident due to vehicle swinging out while parking or pulling out of a parking space

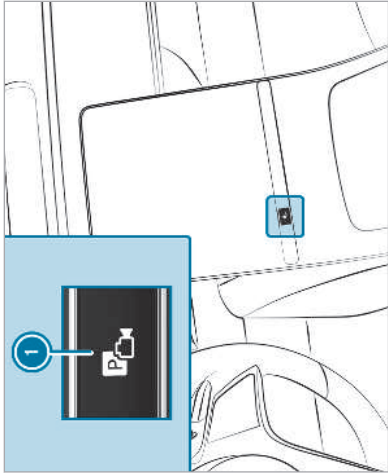
While parking or exiting a parking space, the vehicle swings out and can drive onto areas of the oncoming lane.
This could cause you to collide with objects or other road users.

 Pay attention to objects and other road users.

 Where necessary, stop the vehicle or cancel the parking procedure with Active Parking Assist.

-  If, for example, the **Please engage reverse gear** (placeholder) message appears in the media display: select the corresponding transmission position.
The vehicle drives into the selected parking space.
- On completion of the parking procedure, the **Parking Assist finished, take control of vehicle** (placeholder) display message appears. Further manoeuvring may still be necessary.
-  After completion of the parking procedure, safeguard the vehicle against rolling away.
When required by legal requirements or local conditions: turn the wheels towards the kerb.
-  You can stop the vehicle and change the transmission position during the parking procedure. The system then calculates a new vehicle path. The parking procedure can then be continued. If no new vehicle path is available, the transmission position will be changed again. If the vehicle has not yet reached the parking space, the parking procedure will be cancelled, should a gear be changed.

- Exiting a parking space with Active Parking Assist**
- Requirements:**
 - The vehicle has been parked with Active Parking Assist.
- Please note that you are responsible for the vehicle and surroundings during the entire parking procedure.
-  Start the vehicle.



Press button **1**.
The media display shows the view of Active Parking Assist.



If the vehicle has been parked at right angles to the direction of travel: in area **2**, select direction of travel **3**.

The vehicle path shown on the media display may differ from the actual vehicle path.

Confirm direction of exit **3** to drive out of the parking space.

The turn signal indicator is switched on automatically when the exiting procedure begins.

You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.

⚠ WARNING Risk of accident due to vehicle swinging out while parking or pulling out of a parking space

While parking or exiting a parking space, the vehicle swings out and can drive onto areas of the oncoming lane.

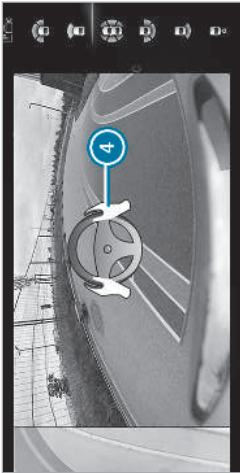
This could cause you to collide with objects or other road users.

Pay attention to objects and other road users.

Where necessary, stop the vehicle or cancel the parking procedure with Active Parking Assist.

If, for example, the **Please engage forward gear** (placeholder) message appears in the media display: select the corresponding transmission position.

The vehicle moves out of the parking space. The turn signal indicator is switched off automatically.



The image shows an example of a vehicle with a 360° Camera.

After the exiting procedure has been completed, the **Parking Assist finished, take control of vehicle** (placeholder) message appears in the media display. A warning tone and display ④ in the media display prompt you to take control of the vehicle. You have to accelerate, brake, steer and change gear yourself again.

Function of Drive Away Assist

Drive Away Assist can reduce the severity of an impact when pulling away. If an obstacle is detected in the direction of travel, the vehicle's speed is briefly reduced to approx. 2 km/h. If a

critical situation is detected, the following symbol appears in the media display:



WARNING Risk of accident caused by limited detection performance of Drive Away Assist

Drive Away Assist cannot always clearly identify objects and traffic situations.

In such cases, Drive Away Assist might:

- Warn you without reason and limit the vehicle speed.
- Not warn you or not limit the vehicle speed.

Always pay careful attention to the traffic situation; do not rely on Drive Away Assist alone.

Be prepared to brake or swerve as necessary, provided the traffic situation

permits and that it is safe to take evasive action.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

A risk of a collision may arise in the following situations, for example:

- If the driver mixes up the accelerator and brake pedals.
- If the wrong gear is selected.

Drive Away Assist is active under the following conditions:

- If Parking Assist PARKTRONIC is activated.
- Every time the gear is changed to **R** or **D** when the vehicle is at a standstill.
- If the detected obstacle is less than approx. 1.0 m away.
- If the manoeuvring assistant function is activated in the multimedia system.

System limits

The performance of Drive Away Assist is limited on inclines.

When driving with a trailer, Drive Away Assist is not available.

Function of Cross Traffic Alert

- ① Also read the instructions on Blind Spot Assist (→ page 259).



Vehicles with Blind Spot Assist: Cross Traffic Alert can warn drivers of any crossing traffic when reversing out of a parking space. The radar sensors in the bumper also monitor the area adjacent to the vehicle. If a critical situation is

detected, symbol ① appears in the media display. If the driver does not respond to the warning, the vehicle's brakes can be applied automatically.

If the radar sensors are obstructed by vehicles or other objects, detection is not possible.

Cross Traffic Alert is active under the following conditions:

- If Blind Spot Assist is activated.
- If the vehicle is reversing at walking pace.
- If the manoeuvring assistant function is activated in the multimedia system.

System limits

Cross Traffic Alert is not available in the following situations.

- on inclines
- when towing a trailer

ATTENTION ASSIST

Function of ATTENTION ASSIST with microsleep detection

ATTENTION ASSIST with microsleep detection assists you on long, monotonous journeys, e.g. on motorways and trunk roads. If indicators of fatigue or increasing lapses in concentration on the part of the driver are detected, the system suggests taking a break.

ATTENTION ASSIST with microsleep detection is only an aid. It cannot always detect fatigue or lapses in concentration in time. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular breaks in good time that allow for adequate recuperation. You can choose between two settings:

- **Standard:** normal system sensitivity.
- **Sensitive:** increased system sensitivity: the driver is warned earlier and the attention level detected by the system is adapted accordingly.

If drowsiness or increasing lapses in concentration are detected, the **ATTENTION ASSIST: Take**

a **break!** warning appears in the multifunction display. You can acknowledge the message and take a break where necessary. If you do not take a break and ATTENTION ASSIST continues to detect increasing lapses in concentration, you will be warned again after a minimum of 15 minutes.



The following information is shown in the ATTENTION ASSIST display:

- The length of the journey since the last break.
- The attention level determined by ATTENTION ASSIST:

- The more segments ② of the circle displayed, the higher the detected attention level.
- Fewer segments ② are displayed in the circle as the attention level decreases.
- Microsleep detection ① status:
 - Deactivated: display ① is hidden.
 - Activated but not operational: display ① is grey.
 - Activated and operational: display ① is green.

If ATTENTION ASSIST is unable to calculate the attention level and cannot issue a warning, the **System suspended** message appears.

If the system, which uses the driver camera, detects indicators of microsleep, the **ATTENTION ASSIST Microsleep Take a break!** warning message appears in the multifunction display and a warning tone sounds simultaneously. This warning message must be confirmed by Touch Control. It is recommended that you take a break immediately.

If a warning appears in the multifunction display, the multimedia system offers to search for a rest area. You can select a rest area and start navigation to this rest area. This function can be activated and deactivated in the multimedia system.

ATTENTION ASSIST with microsleep detection is activated automatically when the engine is restarted. The last selected sensitivity level remains stored.

System limits

ATTENTION ASSIST is active in the 60 km/h to 200 km/h speed range.

The microsleep detection function is available at a speed of 20 km/h and above.

The functionality of ATTENTION ASSIST is

restricted, and warnings may be delayed or not occur at all in the following situations:

- If you have been driving for less than approximately 30 minutes.
- If the road condition is poor (uneven road surface or potholes).
- If there is a strong side wind.

- If you adopt a sporty driving style (high cornering speeds or high rates of acceleration).
- If the Steering Assist function of Active Distance Assist DISTRONIC is active.
- If the clock is set to the incorrect time.
- If you change lanes and vary your speed frequently in active driving situations.

Microsleep detection also does not function when the driver camera cannot detect the eyes of the driver, as a result of the following factors, for example:

- The driver's eyes are covered, e.g. due to steering wheel position.
- Poor lighting conditions.
- Some types of spectacles or sunglasses.
- The driver's line of vision is outside the driver camera's field of vision.

Also observe any information regarding display messages that can be displayed in the instrument cluster
(→ page 601, 644, 601, 644, 601, 644, 601).

The tiredness or alertness assessment of ATTENTION ASSIST with microsleep detection is deleted and restarted when continuing the journey in the following situations:

- If you switch off the engine.
- If you unfasten your seat belt and open the driver's door (e.g. changing drivers or taking a break).

Setting ATTENTION ASSIST

Multimedia system:

→ Settings ▶ Assistance
▶ ATTENTION ASSIST

Setting the sensitivity

- ▶ Select Setting.
- ▶ Select Standard, Sensitive or Off.

Activating/deactivating the microsleep warning

- ▶ Activate/deactivate Microsleep warning.

Suggesting a rest area

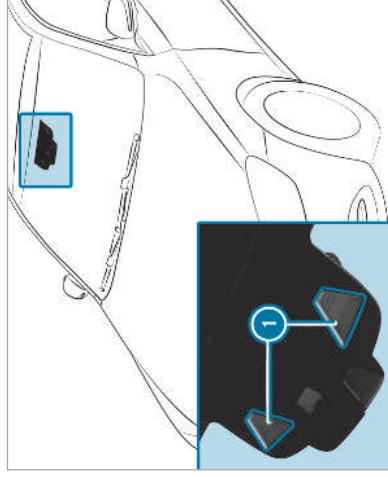
- ▶ Switch Suggest rest area on or off.
If ATTENTION ASSIST detects fatigue or increasing lack of attention, it suggests a rest area in the vicinity.
- ▶ Select the suggested rest area.
You are guided to the selected rest area.

Suggesting a power nap

- ▶ Switch Suggest Power Nap on or off.

Traffic Sign Assist

Function of Traffic Sign Assist



Traffic Sign Assist detects traffic signs with multifunction camera ❶ and compares this with information in the digital navigation map. It assists you by displaying detected speed limits and overtaking restrictions in the Instrument Display and in the head-up display. The system

can issue a warning when you exceed the maximum permissible speed. In some countries, the system can provide further functions such as warning when the vehicle is approaching pedestrian crossings or warning when stop signs, give way signs or red lights are crossed unintentionally.

The camera also detects and analyses traffic signs with a restriction indicated by an additional sign (e.g. when wet).

Traffic Sign Assist only visualises selected signs in the Instrument Display. Actual traffic signs and speed limits always have priority over traffic signs and speed limits shown in the Instrument Display.

Always observe the following notes:

- drive carefully, paying attention to the traffic and your immediate surroundings
- select a speed adjusted to the traffic, surrounding and weather conditions
- observe actual traffic signs
- observe applicable traffic rules and regulations

- always look in the direction of travel

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Messages in the Instrument Display



- ❶ Permissible speed
- ❷ Permissible speed when there is a restriction
- ❸ Additional sign with restriction

The system can show up to two signs in the Instrument Display simultaneously. The system always prioritises displaying speed limits. If two speed signs are shown (when speed limits are

detected, for example), the value of left-hand speed limit ❶ is transmitted to the limiter, cruise control or Active Distance Assist DISTRONIC for adoption.



Examples of traffic signs which can be displayed

Traffic Sign Assist can detect and display following traffic signs ❶:

- speed restrictions
- end of the speed limit
- no overtaking
- play streets
- signs showing the start or end of motorways

- signs showing the start or end of dual carriageways

Traffic Sign Assist can detect following additional signs ❸ and, if necessary, analyse the relevance of the restrictions using other vehicle sensors:

- in wet conditions
- on slippery road surfaces
- in fog
- temporary restrictions
- exits
- limits for car/trailer combinations

Traffic Sign Assist also uses data from the digital street map in the navigation system. Therefore, the display in the Instrument Display can be updated without detecting traffic signs when you leave or enter a municipality or change roads, e.g. motorway exit or slip road or after you turn at a junction.

If Traffic Sign Assist cannot determine the current maximum permissible speed (e.g. due to

missing signs), the following display appears in the Instrument Display:



This is displayed continuously if the vehicle is in a country where Traffic Sign Assist is not supported. Traffic Sign Assist is not available in all countries.

- ❶ Also observe the information on display messages in Traffic Sign Assist (→ page 573).

Warning when the maximum permissible speed is exceeded

The system can warn you if you unintentionally exceed the maximum permissible speed. To do this, you can specify in the multimedia system by how much the maximum permissible speed can be exceeded before a warning is issued. You can set the warning to be only optical (the speed pictogram flashes three times in the Instrument Display) or that it should also be acoustic with a warning tone.

Additional functions of Traffic Sign Assist (country-specific)

In some countries, the system can issue a warning in the following situations:

- if you drive onto a section of road in the wrong direction of travel (only vehicles with Driving Assistance Package)
- if you approach pedestrian crossings, provided that pedestrians are in the danger zone or are moving towards it
- if you unintentionally drive past stop signs, give way signs or red lights, provided that the sign is clearly visible

If no clear sign is detected or if multiple signs of traffic lights with different signals are detected, no warning can be issued.

You can set the warning to be only optical (a message in the Instrument Display) or that it should also be acoustic with a warning tone.

System limits

The system may be impaired or may not function in the following situations:

- If visibility is poor, e.g. due to insufficient illumination of the road, highly variable shade conditions, rain, snow, fog, swirling dust or heavy spray.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- If there is dirt on the windscreen in the area of the multifunction camera or the camera is misted up, damaged or obscured.
- If traffic signs are hard to detect, e.g. due to dirt, snow, ice, insufficient lighting or driving too close to the vehicle in front, or because they are covered, faded, damaged, badly positioned or twisted.
- Active traffic signs with LED displays may not be detected correctly or at all due to technical factors (station frequency).
- If the information on the navigation system's digital map is incorrect, incomplete or out of date.

- If signs or the road layout is ambiguous, e.g. traffic signs in roadworks, at exits and ramps, in neighbouring lanes or parallel roads.
- If signs do not conform to the standard.
- If signs or road layouts are specific to the country and deviate from the route guidance in the navigation system, e.g. at or beyond construction sites.
- If you turn sharply on tight bends, you may pass traffic signs that are outside the camera's field of vision.
- If the system detects incorrectly.
- If you overtake vehicles with traffic signs attached.
- When using transport equipment secured to the vehicle by a trailer coupling, e.g. a bicycle rack, restrictions for car/trailer combinations may be considered valid if applicable.

Setting Traffic Sign Assist Requirements:

- **Only vehicles with Driving Assistance Package:**

Active Distance Assist DISTRONIC must be activated for the automatic adoption of speed limits.

Multimedia system:

→  >> Settings >> Assistance
>> Traffic Sign Assist

Activating/deactivating automatic adoption of speed limits (only vehicles with Driving Assistance Package)

▶ Select Adopt limit.

▶ Activate or deactivate the function.

The speed limits detected by Traffic Sign Assist are automatically adopted by Active Distance Assist DISTRONIC.

 If one of the following systems is activated, the detected speed can be manually adopted as the speed limit:

- Active Distance Assist DISTRONIC
- Cruise control
- Variable limiter

Further information (→ page 220).

Adjusting the type of warning

▶ Select Warning type.

▶ Select Visual & audible or Visual.

Adjusting the warning threshold

This value determines the speed at which a warning is issued when exceeded.

▶ Set the desired speed under Warning threshold.

Traffic Light Assistant

Function of the Traffic Lights Assistant

When approaching a junction, traffic lights are detected by the Traffic Lights Assistant and shown in augmented reality in the central display. The respective traffic lights must be selected by pressing briefly.

System limits

The Traffic Lights Assistant is only an aid. Always observe the traffic situation.

Detection of traffic lights may be restricted in the following cases:

- as a result of dazzling, e.g. through strong sunlight
- in the case of pedestrian crossings
- in the case of flashing orange traffic lights

Switching on display of traffic lights

Multimedia system:

→  >> Settings >> Assistance
>> Information

▶ Activate Traffic light assistant.

When the camera image opens in the media display and traffic lights have been detected, a frame appears around the displayed traffic lights.

▶ **To select the monitored traffic lights:** designate the respective traffic lights by tapping on the selection symbol.

The traffic lights are highlighted.

Depending on the selected setting, you receive a message when the traffic lights have changed.

- ▶ **To select the type of message for the change:** select the pen symbol.
- ▶ Select **Visual** or **Visual & audible**.
- ▶ If **Visual** is set, the frame of the video image flashes.
- ▶ If **Visual & audible** is set, a warning tone also sounds.

Blind Spot Assist and Active Blind Spot Assist with exit warning

Function of Blind Spot Assist and Active Blind Spot Assist with exit warning

Blind Spot Assist and Active Blind Spot Assist use radar sensors to monitor the area up to 40 m behind and 3 m next to your vehicle.

The system can detect vehicles travelling from approximately 12 km/h and bicycles travelling from approximately 30 km/h and issue a warning if they move into the monitoring range.



Display in the "assistance" menu in the multifunction display

If a vehicle is detected close to the side of your vehicle, the red warning lamp in the corresponding outside mirror flashes. The lane that the vehicle is detected in is hatched out by the assistance graphic.

If you still switch on the turn signal indicator in the corresponding direction, a warning tone sounds once and red radar waves next to your vehicle are displayed in the assistance graphic. If the turn signal indicator remains on, no further warning tone will be sounded for other detected vehicles.

If you overtake a vehicle quickly, no warning is given.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

**WARNING** Risk of accident despite Blind Spot Assist

Blind Spot Assist does not react to vehicles approaching and overtaking you at a greatly different speed.

As a result, Blind Spot Assist cannot warn drivers in this situation.

- ▶ Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Exit warning

The exit warning is an additional function of Blind Spot Assist and can warn vehicle occupants about approaching vehicles when leaving the vehicle when stationary.

▲ WARNING Risk of accident despite exit warning

The exit warning reacts neither to stationary objects nor to vehicles approaching you at a greatly different speed.

As a result, the exit warning cannot warn drivers in these situations.

- ▶ Always pay particular attention to the traffic situation when opening the doors and make sure there is sufficient clearance.

If there is a vehicle in the monitoring range, this is indicated in the outside mirror. If a vehicle occupant opens the door on the side with the warning, a warning tone sounds and the warning lamp in the outside mirror starts to flash.

This additional function is only available when Blind Spot Assist is activated and up to a maximum of three minutes after the ignition has been switched off. The exit warning is no longer available once the warning lamp in the outside mirror flashes three times.

The exit warning is only an aid and not a substitute for the attention of vehicle occupants. The responsibility for opening and closing the doors and for leaving the vehicle remains with the vehicle occupants.

System limits

Blind Spot Assist and Active Blind Spot Assist may be limited in the following situations:

- if there is dirt on the sensors or the sensors are obscured
- in poor visibility, e.g. due to fog, heavy rain or snow
- if there are narrow vehicles, e.g. bicycles or motorbikes
- if the road has very wide or narrow lanes
- if vehicles are not driving in the middle of their lane

Warnings may be issued in error when driving close to crash barriers or similar solid lane borders. Always make sure that there is sufficient distance to the side for other traffic or obstacles.

Warnings may be interrupted when driving alongside long vehicles, for example lorries, for a prolonged time.

Blind Spot Assist and Active Blind Spot Assist are not operational when reverse gear is engaged.

Blind Spot Assist and Active Blind Spot Assist are not operational when a trailer is coupled to the vehicle and the electrical connection has been correctly established.

The exit warning may be limited in the following situations:

- when the sensors are covered by adjacent vehicles in narrow parking spaces
- when people approach the vehicle
- in the event of stationary or slowly moving objects

Function of brake application (Active Blind Spot Assist)

- ① The brake application function is only available for vehicles with a Driving Assistance Package.

If Active Blind Spot Assist detects a risk of a side impact in the monitoring range, a course-correcting brake application is carried out. This is designed to help you avoid a collision.

The course-correcting brake application is available in the speed range between approximately 30 km/h and 200 km/h.

▲ WARNING Risk of accident despite brake application of Active Blind Spot Assist

A course-correcting brake application cannot always prevent a collision.

- ▲ Always steer, brake or accelerate yourself, especially if Active Blind Spot Assist warns you or makes a course-correcting brake application.
- ▲ Always maintain a safe distance at the sides.

▲ WARNING Risk of accident despite Active Blind Spot Assist

Active Blind Spot Assist does not react especially in the following situations:

- If you overtake vehicles at a high speed.
- If vehicles approach and overtake you at a greatly different speed.

As a result, Active Blind Spot Assist may neither give warnings nor intervene, especially in such situations.

- ▲ Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.



Placeholder

If a course-correcting brake application occurs, the red warning lamp flashes in the outside mirror and a warning tone sounds. In addition, a display 1 indicating the danger of a side collision appears in the multifunction display.

In rare cases, the system may make an inappropriate brake application. This brake application may be interrupted at any time if you steer slightly in the opposite direction or accelerate.

System limits

Either a course-correcting brake application appropriate to the driving situation, or none at all, may occur especially in the following situations:

- Vehicles or obstacles, e.g. crash barriers, are located on both sides of your vehicle.
- A vehicle approaches too closely on the side.
- You have adopted a sporty driving style with high cornering speeds.
- You brake or accelerate significantly.
- A driving safety system intervenes, e.g. ESP® or Active Brake Assist.
- ESP® is deactivated.
- A loss of tyre pressure or a defective tyre is detected.
- You are driving with a trailer and the electrical connection to the trailer hitch has been correctly established.

Activating/deactivating Blind Spot Assist or Active Blind Spot Assist

Multimedia system:

→  [▶ Settings](#) [▶ Assistance](#)

▶ Activate/deactivate Blind Spot Assist.

or

▶ Activate/deactivate [Active Blind Spot Assist](#).

Active Lane Keeping Assist

Function of Active Lane Keeping Assist

Active Lane Keeping Assist monitors the area in front of your vehicle by means of the multifunction camera and can warn you before you leave your lane unintentionally. The system can guide you back into your lane through a course-correcting steering intervention and additionally warns you with vibration pulses in the steering wheel. Active Lane Keeping Assist is available in the speed range between 60 km/h and 200 km/h.

The system can intervene in the following situations:

- Active Lane Keeping Assist detects a lane marking.
- One of your front wheels goes over a lane marking.

The system does not intervene if you activate the turn signal indicator. If the system detects an obstacle, such as another vehicle in the adjacent lane, it will intervene regardless of the turn signal indicator.

If you leave the lane without using the turn signal indicator, but an obstacle is detected in your lane, the system will not intervene.



Display  will appear in the multifunction display and a warning tone will sound in the following situations:

- Active Lane Keeping Assist intervenes for longer than approximately ten seconds.
- Two or more interventions occur within approximately three minutes without any steering intervention from the driver.

In the Active Lane Keeping Assist settings, you can set the sensitivity of the system and set the level of support. Additionally, you can set whether the system should react to broken lane markings or only solid lane markings. The respective setting is also saved even when the vehicle is restarted (→ page 264).

Status displays for Active Lane Keeping Assist in the on-board computer

-  (grey): Active Lane Keeping Assist is activated, but not operating.
-  (green): Active Lane Keeping Assist is activated and operating. If the system is operational on only one side, the status is displayed on the corresponding side.

-  (red): Active Lane Keeping Assist has guided you back into your lane with a course-correcting steering intervention. The status display will flash if there is also a haptic warning in the steering wheel. The status display is displayed on the corresponding side.
-  (white): Active Lane Keeping Assist is deactivated.
-  (yellow): there is a malfunction. Please also observe the display messages.

Active Lane Change Assist display in the "assistance" menu



If the front wheel of the vehicle drives over a detected lane marking, this will be highlighted red in the "assistance" menu in the multifunction display.

System limits

No lane-correcting steering intervention occurs in the following situations:

- You clearly and actively steer, brake or accelerate.
- A driving safety system intervenes, such as ESP®, Active Brake Assist or Active Blind Spot Assist.
- You have adopted a sporty driving style with high cornering speeds or high rates of acceleration.
- When ESP® is deactivated.
- When driving with a trailer, the electrical connection to the trailer has been correctly established.
- If a loss of tyre pressure or a defective tyre has been detected and displayed.

The system may be impaired or may not function in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, if there are highly variable shade conditions or in rain, snow, fog or heavy spray.
- If there is glare, e.g. from oncoming traffic, the sun or reflections.
- If the windscreen in the area of the multifunction camera is dirty, or if the camera is misted up, damaged or covered.
- If there are no lane markings, or several unclear lane markings are present for one lane, e.g. around roadworks.
- If the lane markings are worn, dark or covered.
- If the distance to the vehicle in front is too short and thus the lane markings cannot be detected.
- If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.

- If the carriageway is very narrow and winding.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 202).

Activating/deactivating Active Lane Keeping Assist

Multimedia system:

-  →  → [Vehicle quick-access](#)
- [Active Lane Keeping Assist](#)

- ▶ Activate or deactivate the function.

- ▶  After starting the engine, the settings are country-specific.

Setting Active Lane Keeping Assist

Multimedia system:

-  → [Settings](#) → [Assistance](#)
- [Active Lane Keeping Assist](#)

Setting the sensitivity

- ▶ Select .
- ▶ Select [Medium](#), [Early](#) or [Late](#).

The last selected setting will be adopted the next time the engine is started.

- ▶  The standard setting for this function is dependent on the country.

Activating or deactivating assistance on discontinuous lane markings

- ▶ Select [Advanced support](#).

The last selected setting will be adopted the next time the engine is started.

- ▶  The standard setting for this function is dependent on the country.

Trailer hitch

Notes on trailer operation

Observe the following notes on the tongue weight:

- Do not use a tongue weight that exceeds or falls below the permissible tongue weight
- Use a tongue weight as close as possible to the maximum tongue weight

Do not exceed the following values:

- Permissible towing capacity
- Permissible rear axle load of the towing vehicle
- Permissible gross mass of the towing vehicle
- Permissible gross mass of the trailer
- Maximum permissible speed of the trailer

Ensure the following before starting a journey:

- The tyre pressure on the rear axle of the towing vehicle is set for a maximum load
- The lighting of the connected trailer is operational

In the event of increased rear axle load, the car/trailer combination may not exceed a maximum speed of 100 km/h for reasons concerning the operating permit. This also applies in countries in which the permissible maximum speed for car/trailer combinations is above 100 km/h.

Extending/retracting the ball neck fully electrically

⚠ WARNING Risk of accident due to the ball neck not being engaged

If the ball neck is not engaged, the trailer may come loose.

- ▲ Make sure that the ball neck securely engages and locks into place.

! NOTE Damage to the all-electric trailer hitch due to additional pressure

The all-electric trailer hitch could be mechanically damaged by applying additional pressure when the ball neck is being extended or retracted.

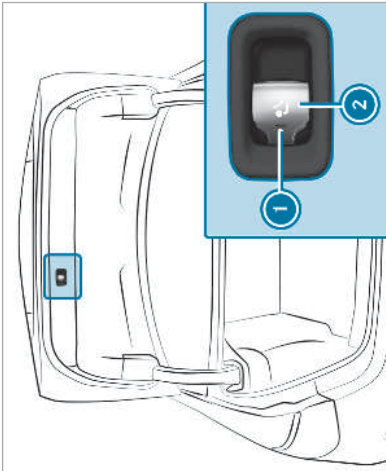
- ▲ Do not make the ball neck extend/retract faster by applying additional pressure.

Requirements:

- The vehicle is secured against rolling away.
- The swivel range is clear.

- The trailer cables or adapter plugs have been removed.

Extending the ball neck fully electrically

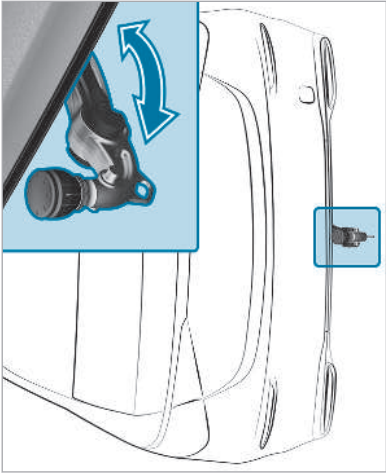


▲ To extend: pull button ②.

Indicator lamp ① will flash and the display message **Trailer coupling in motion** will appear on the driver's display.

The ball neck will extend fully electrically.

- ▶ Wait until the ball neck has locked in place. The ball neck is securely locked in place when indicator lamp ❶ is continuously lit. If the ball neck is not securely locked in place, indicator lamp ❶ will flash and the display message **Check trailer hitch lock** will appear on the driver's display.



Retracting the ball neck fully electrically

- ▶ Pull button ❷.
- ▶ Indicator lamp ❶ will flash and the display message **Trailer coupling in motion** will appear on the driver's display.
- ▶ The ball neck will retract fully electrically. Wait until the ball neck has locked in place. The ball neck will be securely locked in place when indicator lamp ❶ goes out.
- ▶ If the ball neck is not securely locked in place, indicator lamp ❶ will flash and the display message **Trailer coupling Check lock** will appear on the driver's display.
- ▶ Observe the information about the notifications on the driver's display:
 - Indicator and warning lamps (→ page 633)
 - Display messages (→ page 573)

Folding the ball neck in/out fully electrically (multimedia system)

⚠ WARNING	Risk of accident due to the ball neck not being engaged
If the ball neck is not engaged, the trailer may come loose.	
▶	Always engage the ball neck as described.
! NOTE	Damage to the all-electric trailer hitch due to additional pressure
The all-electric trailer hitch could be mechanically damaged by applying additional pressure when the ball neck is being extended or retracted.	
▶	Do not make the ball neck extend/retract faster by applying additional pressure.

Requirements:

- The vehicle is secured against rolling away.
- The swivel range is clear.

- The trailer cables or adapter plugs have been removed.

Multimedia system:

→ → → → → **Vehicle quick-access**

Extending the ball neck fully electrically

- ▶ Select .
The display message **Trailer coupling in motion** will appear on the driver's display.
The ball neck will extend fully electrically.
- ▶ Wait until the ball neck has locked in place.

If the ball neck is not securely locked in place, the display message **Check trailer hitch lock** will appear on the driver's display.

Retracting the ball neck fully electrically

- ▶ Select .
The display message **Trailer coupling in motion** will appear on the driver's display.
The ball neck will retract fully electrically.
- ▶ Wait until the ball neck has locked in place.

If the ball neck is not securely locked in place, the display message **Trailer coupling Check lock** will appear on the driver's display.

Observe the information about the displays on the instrument cluster:

- Indicator and warning lamps (→ page 633)
- Display messages (→ page 573)

Coupling up/uncoupling a trailer

▲ WARNING Risk of injury from the vehicle level being changed

Vehicles with level control system: the vehicle level may be changed unintentionally, e.g. by other persons. You may become trapped if you couple up or uncouple a trailer while the vehicle level is changing. In addition, other people could become trapped if their limbs are between the vehicle body and the tyres or underneath the vehicle.

When coupling up or uncoupling a trailer, make sure that:

- ▶ The doors or tailgate are not opened or closed.
- ▶ You do not initiate the level control system and do not operate the DYNAMIC SELECT switch.
- ▶ Do not lock or unlock the vehicle.

Requirements:

- The ball neck is extended and engaged in a securely locked position.

Trailers with a 7-pin plug can be connected to the vehicle with the following adapters:

- Adapter plug
- Adapter cable

The trailer will be correctly detected by the vehicle only if the following conditions are met:

- The trailer is connected correctly
- The trailer lighting system is in working order

The functions of the following systems will be affected by a correctly connected trailer:

- Active Lane Keeping Assist

- ESP® trailer stabilisation
- Parking Assist PARKTRONIC
- Active Parking Assist
- Blind Spot Assist or Active Blind Spot Assist
- Drive Away Assist
- Cross Traffic Alert
- Reversing camera
- 360° camera
- AIR BODY CONTROL

Coupling up a trailer

! **NOTE** Damage to the starter battery due to full discharge

Charging the trailer battery using the power supply of the trailer can damage the starter battery.

▲ Do not use the vehicle's power supply to charge the trailer battery.

- ▲ Remove the cover from the ball head and store it in a safe place (→ page 119).

- ▲ Position the trailer on a level surface behind the vehicle and couple it up to the vehicle.



- ▲ Open the socket cap.
- ▲ Insert the plug with lug 1 in groove 3 on the socket.
- ▲ Turn bayonet coupling 2 to the right as far as it will go.
- ▲ Let the cap engage.
- ▲ Secure the cable to the trailer with cable ties (only if you are using an adapter cable).
- ▲ Make sure that the cable is always slack for ease of movement during cornering.

Under the following conditions, a message may appear on the driver's display even if the trailer has been connected correctly:

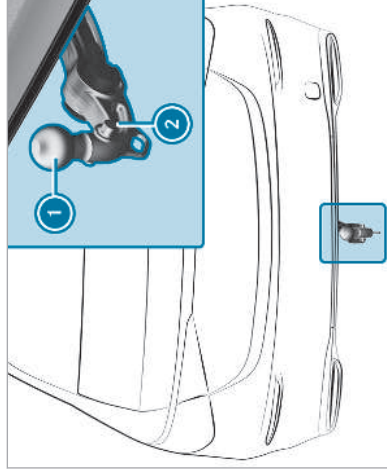
- LEDs have been installed in the trailer lighting system
- The current has fallen below the trailer lighting system's minimum current (50 mA)
- ▲ Accessories can be connected to the permanent power supply up to 180 W and to the power supply that is switched on via the ignition lock.

Uncoupling a trailer

! **WARNING** Risk of being crushed and becoming trapped when uncoupling a trailer

When uncoupling a trailer with an engaged inertia-activated brake, your hand may become trapped between the vehicle and the trailer drawbar.

▲ Do not uncouple trailers with an engaged overrun brake.



Trailer hitch (example with additional guide pin)

Depending on the bicycle rack's design, different numbers of bicycles can be transported.

The following bicycle rack designs are possible:

- When mounted by attaching to the ball head **1**, the maximum load capacity is 75 kg. Up to three bicycles can be transported.

- When mounted on the ball head **1** and the guide pin **2**, the maximum load capacity is 100 kg. Up to four bicycles can be transported.

The load capacity is calculated from the weight of the bicycle rack and the bicycle rack load.

The vehicle's driving characteristics will change when a bicycle rack is fitted. Adapt your driving style accordingly. Drive carefully and maintain a safe distance.

When using a bicycle rack, set the tyre pressure for increased load on the rear axle of the vehicle. Further information on the tyre pressure can be found in the tyre pressure table (→ page 492).

Notes on loading

The larger the distance between the load's centre of gravity and the ball head, the greater the load on the trailer hitch.

Observe the following notes:

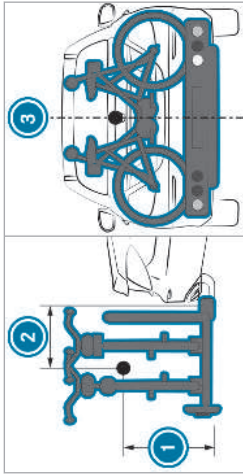
- Mount heavy bicycles as close to the vehicle as possible.

- Always distribute the load on the bicycle rack as evenly as possible across the vehicle's longitudinal axis.

Mercedes-Benz recommends removing all detachable parts from bicycles (e.g. baskets, child seats, rechargeable batteries) before loading them onto the bicycle rack. This will improve the aerodynamic resistance and centre of gravity of the bicycle rack.

Always secure the bicycles to prevent them from moving around and check them at regular intervals to ensure that they are secure.

Do not use tarpaulins or other covers. The driving characteristics and rear view may be impaired. In addition, aerodynamic resistance and the load on the trailer hitch will increase.



Load distribution on the bicycle rack

- 1 Vertical distance between centre of gravity and ball head
- 2 Horizontal distance between centre of gravity and ball head
- 3 The centre of gravity is on the vehicle's centre axis

Observe the following information when loading the bicycle rack:

Loading the bicycle rack

	3 bicycles	4 bicycles
Total weight of bicycle rack and load	Up to 75 kg	Up to 100 kg
Max. distance 1	420 mm	420 mm
Max. distance 2	300 mm	400 mm

When transporting four bicycles or with a total weight between 75 kg and 100 kg, always use bicycle racks with additional support on the trailer hitch guide pin.

Vehicle towing instructions

The vehicle is not suitable for the use of tow bar systems that are used for flat towing or dinghy towing, for example. Attaching and using tow bar systems can lead to damage on the vehicle. When you are towing a vehicle with tow bar systems, safe driving characteristics cannot be

guaranteed for the towing vehicle or the towed vehicle. The vehicle-trailer combination may swerve from side to side. Comply with the permitted towing methods (→ page 481) and the instructions for towing with both axles on the ground (→ page 482).

Overview of the driver display

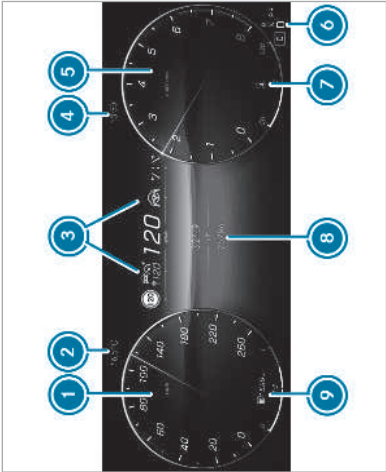
▲ WARNING Risk of accident due to a driver display malfunction

If the driver display has failed or malfunctioned, the function restrictions applying to safety relevant systems are not visible.

The operating safety of your vehicle may be impaired.

- ▶ Drive on carefully.
- ▶ Have the vehicle checked immediately at a qualified specialist workshop.

If the operating safety of your vehicle is impaired, park the vehicle immediately and safely. Contact a qualified specialist workshop.



- 1 Speedometer
- 2 Outside temperature
- 3 Status displays for driver assistance systems
- 4 Time
- 5 Rev counter
- 6 Transmission position
- 7 Coolant temperature display

- 8 Display range, centre
 - 9 Fuel level and fuel filler flap location indicator
 - 1 Please note that the status displays of the driver assistance systems vary depending on the status. You can find a selection here: (→ page 276).
- The segments on speedometer 1 indicate the status of the following systems:
- Cruise control (→ page 214)
 - Limiter (→ page 215)
 - Active Distance Assist DISTRONIC (→ page 218)

Vehicles with Traffic Sign Assist: detected instructions and traffic signs appear on the upper status display (→ page 255).

! NOTE Engine damage due to excessively high engine speeds

The engine will be damaged if you drive with the engine in the overrevving range.

▲ Do not drive with the engine in the over-revving range.

The overrevving range is shown in red on rev counter ❸. When the overrevving range is reached, the fuel supply will be interrupted to protect the engine.
During normal operating conditions, coolant temperature display ❷ may rise to 120°C.

▲ WARNING Danger of burns when opening the bonnet

If you open the engine bonnet when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

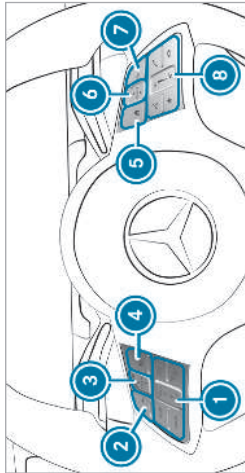
- ▲ Before opening the bonnet, allow the engine to cool down.
- ▲ In the event of a fire in the engine compartment, keep the engine bonnet closed and call the fire service.

Vehicles with a 48 V on-board electrical system (EQ Boost technology)



- ❶ POWER shows the electric drive support
 - ❷ CHARGE shows the recuperation power of the electric motor
- READY** shows the drive system's operational readiness.

Overview of the buttons on the steering wheel



- ❶ Control panel for cruise control/limiter or Active Distance Assist DISTRONIC (→ page 216)
- ❷ Back button, on-board computer
- ❸ Touch Control, on-board computer
Swipe (navigate)
Press **OK** (confirm)
- ❹ Main menu, on-board computer
- ❺ Activation buttons and DRIVE PILOT readiness display
- ❻ Main menu, MBUX multimedia system

- 7 Touch Control, MBUX multimedia system
Swipe (navigate)
Press (confirm)
- 8 Back button, MBUX multimedia system
- 9 Control panel for the MBUX multimedia system (→ page 292)

and traffic conditions and operate the equipment with the vehicle stationary.

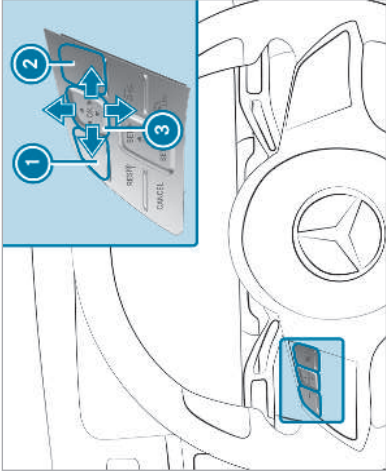
Observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

Operating the on-board computer
Calling up and operating menus

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road



- 1 Back button
- 2 Home button
- 3 Touch Control

You can navigate in menus and lists via the touch-sensitive surface of Touch Control 3 by using a **single-finger swipe**.

When the on-board computer is being operated, different acoustic signals will sound as operating

feedback, e.g. when the end of a list is reached or when you are scrolling through a list.



▶ **To call up a menu via the menu bar:** press home button ②.

▶ Activate a menu by swiping to the left or right on Touch Control ③.

▶ Confirm by pressing Touch Control ③.

▶ **To switch between the menus:** switch directly from one menu to the next by swiping to the left or right.

▶ **To call up a submenu:** press Touch Control ③.

▶ **To exit a submenu:** press back button ①.

▶ **To scroll through displays or lists on the menu or submenu:** swipe upwards or downwards on left-hand Touch Control ③.

▶ **i** Index points that show which menu you are currently in or which menu content has been selected appear at the bottom of the menu bar or within a menu.

▶ **Setting display content as the standard display**

▶ Press Touch Control ③.

▶ On the **Options** submenu, the request **Use current display as standard display?** will appear.

▶ Select **Yes** by swiping to the left and confirm by pressing Touch Control ③.

▶ **To call up standard displays:** press back button ① on the upper level of a menu.

▶ **i** Pressing back button ① on the standard display calls up the previous screen.

Resetting values on the on-board computer

You can reset the values of the following functions:

- **Trip meter**
- Trip computer **From start** and **From reset**
- ECO display (→ page 181)

▶ **To call up a submenu:** press Touch Control ③.

▶ **To select the function to be reset:** swipe on Touch Control ③.

▶ Press Touch Control ③.

▶ Select **Yes**.

▶ Press Touch Control ③.

Selecting display content, centre on the instrument cluster

On-board computer:

→ **Classic**

Depending on the vehicle equipment, you can choose between different display content in the

276 Instrument Display and on-board computer

centre display range of the [Classic](#) and [Exclusive](#) menus on the instrument cluster.

i You can select colour settings on the centre display range on the [Understated](#) menu.

▶ To select display content: swipe upwards or downwards on the left-hand Touch Control to select the required display content.



1 Display content, centre on the [Classic](#) menu (example)

The following display content, for example, can be displayed on the centre display range:

- Navigation
- Standard display

• ATTENTION ASSIST • ECO display • Accepting or rejecting calls, switching between connected telephones and calling up call lists You can select further settings for the respective display content on the display range, centre on the Options submenu.	  	Specified distance for Active Distance Assist DISTRONIC (→ page 218) Active Brake Assist (→ page 214) Active Steering Assist (→ page 224) Active Lane Change Assist (→ page 226) Active Lane Keeping Assist (→ page 262) Active Blind Spot Assist (→ page 260) Haptic accelerator pedal (→ page 181) ECO start/stop function (→ page 180) HOLD function (→ page 231) Adaptive Highbeam Assist Plus (→ page 147) Maximum permissible speed exceeded (for certain countries only)
Status displays on the driver display ↑ Gearshift recommendation (→ page 188) Pedestrian detection Active Parking Assist (→ page 248) Parking Assist PARKTRONIC deactivated (→ page 239) Cruise control (→ page 214) Limiter (→ page 215) Active Distance Assist DISTRONIC (→ page 218)	      	          



Active Traffic Jam Assist
(→ page 230)



Active Brake Assist, danger of collision with crossing traffic
(→ page 207).

Vehicles with Traffic Sign Assist: detected instructions and traffic signs (→ page 255).

Menus and submenus

Adjusting displays on the Service menu of the on-board computer

On-board computer:



You can show/hide different display content on the **Service** menu.

- ▶ Swipe upwards or downwards on the left-hand Touch Control. Different display content will be shown or hidden.

Display content on the **Service** menu:

- **AdBlue®**: AdBlue® range and fill level

• Tyres:

- Check the tyre pressure with the tyre pressure monitoring system (→ page 493)
- Restart the tyre pressure monitoring system (→ page 494)
- **ASSYST PLUS**: call up the service due date (→ page 454)
- **Engine oil level**: check the engine oil level (→ page 457)

The following functions are available on the **Options** submenu:

- Set display content as the standard display (→ page 274)
- Message memory (→ page 573)
- Tyre pressure (→ page 493)

Adjusting the assistant display

On-board computer:



You can show/hide different display content on the **Assistance** menu.

- ▶ Swipe upwards or downwards on the left-hand Touch Control. Different display content will be shown or hidden.



i There are also navigation instructions on the left-hand display range of the assistant display. These navigation instructions as well as the level of detail of the assistant display may vary depending on the display content.

Status displays on the assistant display:

-  Green: pedestrian detection active
-  Grey: pedestrian detection enabled
-  Green radar waves next to vehicle: Blind Spot Assist or Active Blind Spot Assist enabled and ready for operation
-  Grey radar waves next to vehicle: Blind Spot Assist or Active Blind Spot Assist enabled but not ready for operation
- Status displays for Active Lane Keeping Assist (→ page 262)
- Further status displays for Blind Spot Assist or Active Blind Spot Assist (→ page 259)
- Status displays for Active Brake Assist (→ page 207)

- Status displays for Active Distance Assist DISTRONIC (→ page 218)

The content on the assistant display is adapted to the following situations:

- Number of detected lanes
- Driving style
- Current road conditions
- Rain
- Detected road users

i Please note that the detected obstacles themselves are not displayed on the assistant display.

The following functions are available on the

Options submenu:

- Select route
- Set display content as the standard display (→ page 274)

Calling up displays on the Sport menu

On-board computer:



You can show/hide different display content on the **Sport** menu.

Swipe upwards or downwards on the left-hand Touch Control.



- 1 Current torque
- 2 G-meter
- 3 Digital speedometer
- 4 Current power output
- 5 Boost pressure

- 6 Engine oil temperature
- 7 Engine speed

Displays 1, 2, 4, 5 and 6 can be shown / hidden.

The following functions are available on the Options submenu:

- Set display content as the standard display (→ page 274)

Calling up displays on the Trip menu

On-board computer:



You can show /hide different display content on the Trip menu.

- ▶ Swipe upwards or downwards on the left-hand Touch Control.



- 1 Driving timeFrom reset
- 2 Driving timeFrom start
- 3 Average fuel consumptionFrom start
- 4 Distance to the destination; estimated arrival time
- 5 Fuel range
- 6 AdBlue® range
- 7 Distance to the traffic incident; estimated travel time gained or lost due to the traffic incident
- 8 Total distanceFrom start
- 9 Total distanceFrom reset
- 10 Average fuel consumptionFrom reset
- i Displays 4, 5, 6 and 7 are displayed in a situation-specific manner.

The following functions are available on the Options submenu:

- Set display content as the standard display (→ page 274)
- Reset From start and From reset values

Calling up navigation instructions on the on-board computer

On-board computer:



The following map views are available on the Navigation menu:

- Whole map
- 2D direction of travel
- 2D north orientation
- 3D map

- i The level of detail in the navigation instructions on the left-hand display range may vary.



- 1 Distance to the change of direction
- 2 Road to which the change of direction leads
- 3 Display of traffic incident
- 4 Currently selected route
- 5 Display of vehicle's current position
- 6 Change-of-direction symbol
- 7 Recommended lane (white)
- 8 Lane not recommended (grey)
- 9 Current lane

You can change the map scale of the selected map view on the [Navigation](#) menu.



Swipe upwards or downwards on the left-hand Touch Control.

On the [Options](#) submenu, you can use other functions in the [route](#) and [Map settings](#) categories.

You can use the following functions in the [route](#) category:

- Cancel current route guidance.
- Call up previous destinations and favourites.

You can use the following functions in the [Map settings](#) category:

- Activate auto zoom.
- Set the map view, satellite view and route overview.

The following functions are available on the [Options](#) submenu:

- Set display content as the standard display (→ page 274)

Selecting the radio or media source using the on-board computer

On-board computer:

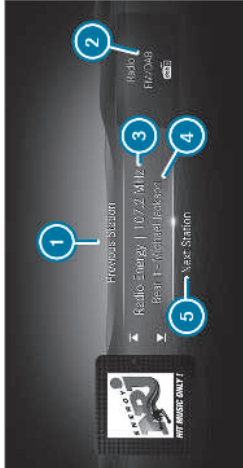


[Entertainment](#)

The following display content, for example, can be displayed on the [Entertainment](#) menu:

- Radio

- Media
- Browser
- ENERGIZING COMFORT



Radio on the [Entertainment](#) menu (example)

- 1 Previous Station
- 2 Previous radio station or previous track
- 3 Frequency range or media source
- 4 Radio station or current track
- 5 Name of track and artist

- 6 Next Station
- 7 Next radio station or next track

▲ **To select the radio or media on the entertainment menu:** press the left-hand Touch Control.

▲ The **Options** submenu will be displayed. Select the **Radio** or **Media** menu item by swiping upwards or downwards on the left-hand Touch Control and confirm by pressing the left-hand Touch Control.

Changing radio station or track in an active media source

▲ **To select a radio station:** swipe upwards or downwards on the left-hand Touch Control.

❗ When you select a saved radio station in the frequency range, a star  will appear next to the radio station name.

▲ **To change tracks in an active media source:** swipe left or right on the left-hand Touch Control.

❗ This is how to select the channel for the TV media source.

Changing the frequency band on the Options submenu

▲ Select the **Radio** menu item by swiping upwards or downwards on the left-hand Touch Control and confirm by pressing the left-hand Touch Control.

▲ Swipe left or right on the left-hand Touch Control and select a frequency band by pressing the left-hand Touch Control.

Selecting a media source on the Options submenu

▲ Select the **Media** menu item by swiping upwards or downwards on the left-hand Touch Control and confirm by pressing the left-hand Touch Control.

▲ Swipe upwards or downwards on the left-hand Touch Control and select a media source by pressing the left-hand Touch Control.

The following additional function is available on the **Options** submenu:

- Set display content as the standard display (→ page 274)

Configuring displays on the individual menu

On-board computer:

→ **Individual**

Up to five different types of display content can be displayed on the **Individual** menu.

▲ **To expand the display content:** swipe upwards on the left-hand Touch Control.

▲ **To reduce the display content:** swipe downwards on the left-hand Touch Control.

The display content is also individually adjustable.

▲ **To call up the Options submenu:** press the left-hand Touch Control.

▲ **To configure the display content of the individual menu:** confirm the **Change individual** request by pressing the left-hand Touch Control.

The corresponding menu for the configuration of the display content will open in the multimedia system.

The respective display content of the **Individual** menu is configured within the multimedia sys-

tem. As soon as you confirm the configuration in the multimedia system or by pressing the left-hand back button on the multifunction steering wheel, the message **Configuration completed** will appear on the instrument cluster.

Display content selection, left and right:

- Standard display
- Traffic incidents
- Range
- Navigation
- Consumption
- Audio
- Weather
- Trip computer **From start** and **From reset**
- ECO display

Display content selection, centre:

- G-meter
- ECO display
- Navigation
- Rev counter
- Speedometer

- ATTENTION ASSIST display

The following setting options are available on the **Options** submenu depending on the selected display content:

- Set display content as the standard display(→ page 274)
- Reset **From start** values
- Reset **From reset** values
- Reset **Trip meter**
- Set a route
- Change track or media source
- ❗ Please note that not all areas for display content shown have to be configured.

Head-up Display

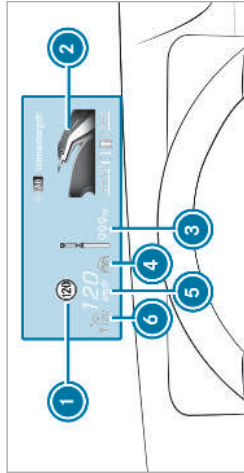
Function of the head-up display

The head-up display projects, for example, the following content into the driver's field of vision:

- Information from the navigation system

- Information and visualisation from the driver assistance systems
- Information from the menus of the on-board computer
- Warning messages or notes (symbol) on warning messages on the instrument display

Display elements



- ❶ Detected instructions and traffic signs
- ❷ Navigation instructions
- ❸ Navigation instructions (distance to the next route event)
- ❹ Steer Assist status

- 5 Current speed
- 6 Set speed in the driver assistance system (e.g. cruise control)

When you receive a call, the message  Incoming call will appear on the head-up display.

System limits

The visibility is influenced by the following conditions:

- Seat position
- Image position setting
- Light conditions
- Wet road surfaces
- Objects on the display cover
- Polarisation in sunglasses
- Vehicles with (AR) head-up display: the content shown depends on the driver camera recording.

Adjusting the head-up display on the on-board computer

Selecting display content of the head-up display on the menu bar of the driver display

Press the main menu button on the left .

To select the menu bar of the head-up display: swipe upwards on the left-hand Touch-Control.

To select the display content on the menu bar of the head-up display or to switch between display contents: swipe to the left or right on the left-hand Touch-Control to activate the desired content.

Switching between display contents on the head-up display

To select the menu bar of the head-up display: swipe upwards on the left-hand Touch-Control.

To select display content: swipe to the left or right on the left-hand Touch-Control and select a type of content.

Press and hold the  button. The content has been selected on the head-up display.

To switch between types of display content: swipe to the left or right on the left-hand Touch Control.

To exit the head-up display: press the  or  button.

Setting the position and brightness

On the menu bar of the head-up display, select the [Settings](#) menu by swiping to the left or right.

Press the left-hand Touch Control. The current position and brightness settings will be displayed graphically on the head-up display as well as on the driver display.

To adjust the position: swipe upwards or downwards on the left-hand Touch Control.

To adjust the brightness: swipe to the right or left on the left-hand Touch Control.

① The settings made for position and brightness will be automatically saved and then displayed graphically again.

To switch the head-up display on/off

On-board computer:



▲ **To switch on:** swipe upwards on the left-hand Touch Control.

▲ **Switch on the HUD**  will appear.

▲ Press left-hand Touch Control .

▲ **To switch off:** swipe upwards on the left-hand Touch Control.

▲ Select **Switch on the HUD?** by swiping on the left-hand Touch Control .

▲ Press left-hand Touch Control .

① You can also switch the head-up display on/off in the MBUX multimedia system on the assistance menu.

Notes on operating safety

▲ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▲ Only operate this equipment when the traffic situation permits.
- ▲ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

For your own safety, always observe the following points when operating mobile communication's equipment and especially your voice control system:

- Observe the legal requirements for the country in which you are driving.

- If you use the voice control system in an emergency your voice can change and your telephone call, e.g. an emergency call, can thereby be unnecessarily delayed.

- Familiarise yourself with the voice control system functions before starting the journey.

i The voice control system does not replace the Owner's Manual.

The answers from the voice control system do not provide the complete scope of information contained in the Owner's Manual.

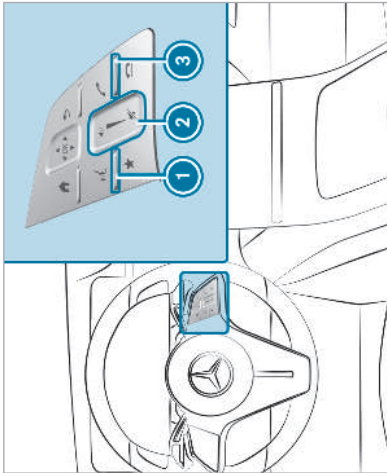
The voice control system does also not give detailed warning or damage information. You can get the full scope of information about the function and safe operation of the systems and components in the vehicle in the Owner's Manual.

Operation

Overview of operating the multifunction steering wheel

Using MBUX Voice Assistant, various areas of the MBUX multimedia system can be operated

by voice input, e.g. telephone or navigation. The MBUX Voice Assistant is operational approximately thirty seconds after the ignition is switched on.



- ① Pressing up: starts the dialogue
- ② Pressing : switches the sound off or on (ends the dialogue)

Swiping up/down: increases/decreases the volume

- 3 Pressing down:  rejects/ends a call (ends the dialogue)

Conducting a dialogue

For the dialogue with MBUX Voice Assistant, you can use complete sentences of colloquial language as voice commands, such as, for example, "Please show me the list of the last calls" or "How warm is it outside?".

- i MBUX Voice Assistant can recognise different voices. The system learns from the habits of the individual user and can thereby make appropriate suggestions.

- ▶ **To activate or continue dialogue by using a keyword:** say "Hey Mercedes" to activate MBUX Voice Assistant. Voice activation must be switched on in the multimedia system (→ page 287). For this, it is not necessary to

press the  button upwards on the multifunction steering wheel.

Voice activation can also be directly combined with a voice command, e.g. "Hey Mercedes, how fast can I drive?".

or

- ▶ Press the  button on the multifunction steering wheel upwards.

You can say a voice command after an acoustic signal.

- ▶ **To correct an entry:** say the "Correction" voice command.

- ▶ **To select an entry from the selection list:** say the line number or the contents.

- ▶ **To browse the selection list:** say the "Next" or "Back" voice command.

- ▶ **To interrupt the dialogue:** say the "Pause" voice command.

The dialogue can be continued with the "Hey Mercedes" voice command or by pressing the  button on the multifunction steering wheel upwards.

- ▶ **To jump to the preceding dialogue:** say the "Back" voice command.

- ▶ **To jump back to the top dialogue level:** say the "From the beginning again" voice command.

- ▶ **To cancel the dialogue:** say the "Close" voice command or press the  or  button on the multifunction steering wheel.

- ▶ **To interrupt a voice output:** speak in the middle of a voice dialogue when the system is still answering.

The voice output is shortened and the conclusion is reached more quickly.

- i The **Voice barge-in** option must be switched on in the multimedia system for this (→ page 287).

Overview of the operable functions of MBUX Voice Assistant

Using MBUX Voice Assistant you can operate various functions, e.g. navigation, telephone or vehicle functions, depending on the vehicle equipment.

Calling up vehicle information

With the 'Hey Mercedes' voice command you can also call up vehicle-specific information via the voice control system. For example, you can ask questions about the vehicle equipment or about specific operating options.

The system is set up for operation with natural speech and independently learns new patterns of formulation. This means, you need not comply with any specified voice commands when operating.

With targeted questions, you can call up information for various application situations. The following examples give an overview of how you can interact with the system in order to call up specific information about your vehicle:

- Information about individual items of your vehicle equipment:
 - Hey Mercedes, which message programmes do you have?
 - Hey Mercedes, do I have Blind Spot Assist?

- Information about functioning of the systems and components installed in the vehicle:

- Hey Mercedes, what is DISTRONIC?
- Hey Mercedes, what do I need ESP for?
- Information about operating the systems and components installed in the vehicle:
 - Hey Mercedes, how can I turn on the main-beam headlights?
 - Hey Mercedes, how do I stop the ionisation function?
- Information about warning and indicator lamps on the instrument cluster:
 - Hey Mercedes, what is lit now on my instrument cluster?
 - Hey Mercedes, what is that yellow light flashing?

Full functionality of the voice control system is only available for you with activation of online voice control (→ page 287).

Notes on the language setting

You can change the language of MBUX Voice Assistant via the system language settings. If the

set system language is not supported by MBUX Voice Assistant, English will be selected.

Setting functions of MBUX Voice Assistant using the multimedia system

Requirements:

- **For online voice control:** your vehicle is connected with your Mercedes me user account (→ page 405).
- There is an Internet connection (→ page 413).
- **For online use of contacts:** online voice control is activated.
- **For use of In-Car Office:** see (→ page 388)

Multimedia system:

- ➔  ➔ Settings ➔ System
- ➔ Voice assistant

Switching voice activation of MBUX Voice Assistant on or off

- Select **Hey Mercedes**.
Depending on the previous status, the function is activated or deactivated.
When the function is active, the "Hey Mercedes" voice command can activate the dialogue.

Switching on voice interruption

- Select **Voice barge-in**.
If the function is active, a command can be interjected during voice output of the system.

Activating or deactivating online voice control

- Select **Online recognition**.
Depending on the previous status, the function is activated or deactivated.

 Online voice control is activated at the factory.

- Select **Online recognition subscrip...**.
You will be connected with the Mercedes me Portal.
- Activate online voice control in the Mercedes me Portal.

Activating contacts for online use

- Select **Contact upload for online recognition**.
When the function is active, contacts will be found more easily and accurately using voice input. The quality of the enunciation of contact names by the system will also be improved.

Using MBUX Voice Assistant effectively

Functionality of the MBUX Voice Assistant audible support

Using the corresponding voice commands you receive the following information and assistance in the following cases:

- **Current application:** on the multifunction steering wheel, press the  button upwards and say the "Help" voice command. You will receive suggestions and information about operation of MBUX Voice Assistant for the current application.
- **Continued dialogue:** say the "Help" voice command during a voice dialogue. For every step of the dialogue you receive matching information.
- **Specific function:** say the voice command for the desired function, e.g. with "Hello Mercedes, I need help with the radio" or after pressing the  button on the multifunction steering wheel upwards, say the "Help for the telephone" voice command, for example.

- **Digital Owner's Manual:** say the "Show me the Owner's Manual" voice command. The full extent of the Digital Owner's Manual is available when the vehicle is stationary.

Notes on optimum use of MBUX Voice Assistant

Notes on how to improve recognition:

- Say the voice commands coherently and clearly, but do not exaggerate the words.
- Avoid loud noises that cause interference while making a voice command entry, e.g. the entertainment in the rear-passenger compartment.
- **For telephone or address book entries:**
 - Only create sensible address book entries in the system/mobile phone, e.g. enter surname and first name in the correct field.
 - Do not use any abbreviations, unnecessary spaces or special characters.
- **For radio and/or TV programme names:** say the "Read out station list" voice com-

mand and say the desired station name in the way the voice output reads aloud to you.

Notes on online voice control

Online voice control improves recognition and makes additional results available as a result of external information, e.g. information about POIs and about the weather. We therefore recommend that you activate online voice control.

You will need a Mercedes me user account for this. If you do not yet have a user account you have to create one and connect it with your vehicle (→ page 405).

Then call up your Mercedes me user account.

The Mercedes me services are shown and can be activated (→ page 405).

In addition, online voice control must be activated (→ page 287).

Overview and operation

Overview of the MBUX multimedia system

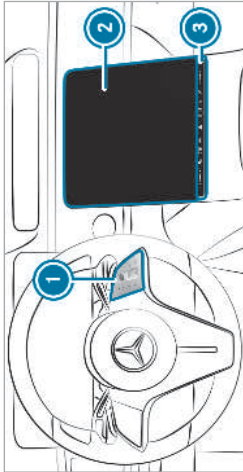
A WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

▲ Only operate this equipment when the traffic situation permits.

▲ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.



1 Touch Control and control panel for the MBUX multimedia system
MBUX stands for Mercedes-Benz User Experience.

- Operating Touch Control (→ page 292)

2 Central display with touch functionality

- Home screen overview (→ page 291)
- Operating the touchscreen (→ page 292)

3 Control panel with fingerprint sensor, switches the MBUX multimedia system on/off, switches sound off/on and adjusts the volume

i Alternatively, the MBUX Voice Assistant allows voice dialogue. Operation with natural speech starts after the wake-up call "Hey Mercedes" (→ page 286). You can start a voice navigation, for example, with the input of a 3 word address from what3words.

i If the vehicle is fitted with the MBUX Interior Assistant, comfort functions and multimedia system functions can be used. The interaction then follows intelligently, reactively or with movements of the hand or head.

i If the vehicle is fitted with Eye Control, explanations can be given and functions initiated through "Look & Ask" and "Look & Answer".

Numerous application, online services, services and apps are available for you. These can be called up via the home screen.

You can conveniently call up and add your favourites using the  button on the steering wheel. Quick-access in the home screen and in the applications serve to select functions more quickly.

If you use the learn function of the multimedia system, you will receive suggestions during operation of the most probable navigation destinations, media sources, radio stations and contacts. The configuration of the suggestions takes place in your profile. You can compile your profile from various vehicle settings and settings of the multimedia system. You can create a theme for various driving situations.

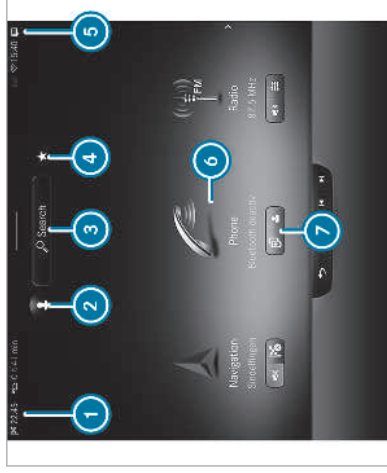
The Notifications Centre collects incoming notifications, e.g. about an available software update. Depending on the type of notification it offers various actions. The Message Centre can be called up on the home screen via the Control Centre.

With the global search in the vehicle you can search on-board across many categories as well as online in the Internet. You can use the global search on the home screen.

Anti-theft protection

This device is equipped with technical provisions to protect it against theft. More detailed information about anti-theft protection can be obtained at a qualified specialist workshop.

Home screen overview



- 1 Status line
- 2 Calls up user profile settings and changes user
- 3 Uses the global search
- 4 Calls up favourites
- 5 Calls up the Notifications Centre

- 6 Calls up applications
- 7 Quick-access to application

If the bar above 3 is pulled down, the control centre appears.
The following functions are called up in the control centre:

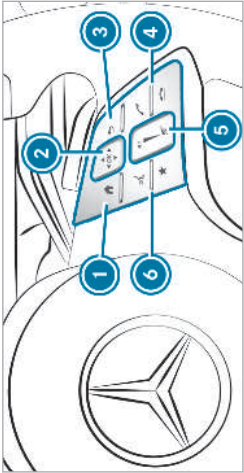
- Multiseat control menu
- Vehicle quick-access
- Notifications Centre
- Favourites
- Themes

Call up the home screen on the touchscreen by pressing the home button (covered by 7 in the image) or on the Touch Control by pressing the home button.

In the image, the applications are arranged as a carousel. Pressing and holding on the applications in a grid. This presentation is also used by a smartphone, for example.

Touch Control

Operating Touch Control (MBUX multimedia system)



- 1 Shows the home screen
- 2 Touch Control
 - Left arrow: swipe in the direction of the arrow (navigate)
 - OK: Press (confirm)
 - Right arrow: Returns to the previous display
 - Phone icon: Makes or accepts a call
 - Reject icon: Rejects or ends a call
 - Volume up/down: Increase volume: swipe upwards / Reduce volume: swipe down

- 6 Switch off the sound: press
 - Speaker icon: Starts the MBUX Voice Assistant
 - Star icon: Calls up favourites (press briefly) or adds favourites and themes (press and hold)

You can navigate through menus and lists via the touch-sensitive surface of Touch Control 2 using a **single-finger swipe**, for example:

- To enter a character: select a character using the keyboard.
Press Touch Control 2.
- To select a menu option: scroll in the lists.
Press Touch Control 2.
- To move the digital map: swipe in any direction.

Setting the sensitivity for the Touch Control Multimedia system:

- Home icon: Settings >> System
- Text is Missing: Touch Control sensitivity
- Select Fast, Medium or Slow.

Setting acoustic operating feedback for the Touch Control Multimedia system:

- Home icon: Settings >> System
- Text is Missing
- Acoustic operating feedback

The function is supported by the selection in a list.

- Set Off, Normal or Loud.
If the function is activated you will hear a clicking sound when scrolling in a list. When the beginning or end of the list is reached you will hear another clicking sound.

Touchscreen

Operating the touchscreen

Tapping

- To select a menu item or entry: tap on a symbol or an entry.
- To increase the map scale: tap twice quickly with one finger.

▲ **To reduce the map scale:** tap with two fingers.

▲ **To enter characters with the keypad:** tap on a button.

Single-finger swipe

▲ **To navigate in menus:** swipe up, down, left or right.

▲ **To move the digital map:** swipe in any direction.

▲ **To use handwriting to enter characters:** write the character with one finger on the touchscreen.

Two-finger swipe

▲ **To zoom in and out of the map:** move two fingers together or apart.

▲ **To enlarge or reduce the size of a section of a website:** move two fingers together or apart.

▲ **To turn the map:** turn anti-clockwise or clockwise using two fingers.

Three-finger swipe

▲ **To call up the home screen:** swipe up with three fingers in an application.

Touching, holding and moving

▲ **To move the map:** touch the touchscreen and move your finger in any direction.

▲ **To set the volume on a scale:** touch the touchscreen and move the finger to the left or right.

Touching and holding

▲ **To save the destination in the map:** touch the touchscreen and hold until a message is shown.

▲ **To call up a global menu in the applications:** touch the touchscreen and hold until the **Options** menu appears.

Setting haptic operation for the touchscreen

Multimedia system:

➔  ➔ **Settings** ➔ **System** ➔ **Touchscreen**

▲ Switch **Haptic operating feedback** on or off. When the function is activated, a tactile feedback in the form of a vibration can be felt during operation.

▲ **To set the intensity of the feedback:** select



Select an option.

Setting haptic pressure

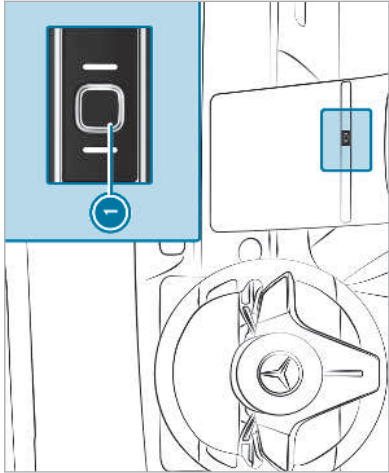
▲ Switch **Press haptics** on or off. The function generates a button to press based on selection of feeling.

▲ **To set the strength of pressure:** select



Select an option.

Overview of the fingerprint sensor



Fingerprint sensor ❶ allows you to conveniently access protected MBUX multimedia system functions and services. Compared to protection provided by the Mercedes me PIN, the entry of a four-digit number is not required to activate services and functions with personal content. Depending on the vehicle equipment, further biometric sensors are available in addition to the

fingerprint sensor. Biometric data must be taught in by sensors (→ page 296).

User

Information on user profiles

⚠ WARNING Risk of becoming trapped during adjustment of the driver's seat after calling up a driver profile

Selecting a profile may trigger an adjustment of the driver's seat to the position saved under the profile. You or other vehicle occupants could be injured in the process.

▲ Make sure that when the position of driver's seat is being adjusted using the multimedia system, no people or body parts are in the seat's range of movement.

If there is a risk of someone becoming trapped, stop the adjustment process immediately:

- ▲ a) Tap the warning message on the central display.
 - or
 - ▲ b) Press a memory position button or a seat adjustment switch on the driver's door.
- The adjustment process is stopped.

The driver's seat is equipped with an anti-entrapment feature.

If the driver's door is open, the driver's seat will **not** be set after calling up the driver's profile.

Overview of user profiles

Requirements for use

For the vehicle owner:

- You have a Mercedes me account.
- The vehicle has been linked to the account.

For additional users of the vehicle (without invitation):

- You have a Mercedes me account.

- The vehicle owner has activated the vehicle for the self-connection process.
- You upload your user profile to the vehicle via the QR code.

For additional users of the vehicle (with invitation):

- **You have a Mercedes me account.**
- The vehicle owner has invited you to connect your account on Mercedes me with that of their vehicle.
- You have accepted the invitation.

User profiles save vehicle settings and settings in the multimedia system. If the vehicle is used by several drivers, the driver can select their profile without changing the settings of other drivers.

If the vehicle is equipped with the MBUX high end Rear Seat Entertainment System, the occupants in the rear compartment can log in as Mercedes me users from their seats. The Multi-seat Profile Management allows three profiles to be used simultaneously. A user profile is seat-specific and can only be activated in one display.

You can set up a user profile in the vehicle via the set-up assistant or the profile options. Some settings, e.g. the Mercedes me PIN and a profile photo are made in the Mercedes me App or in the Mercedes me Portal.

User-specific content and applications with personal data are protected. Depending on the vehicle equipment, the Mercedes me PIN and biometric sensors are used for this purpose. The system indicates which of the taught-in authentication steps are necessary in order to achieve the required security level. The PIN provides for the highest level of security.

If the vehicle key is linked with the user profile, the user profile is identified and pre-activated when the vehicle is opened. In doing so light, mirror and seat settings are pre-loaded. Authentication then follows and the user profile is activated.

i When a user profile is activated the driver's seat, steering wheel and outside mirrors can be set.

If the user profile is activated when driving then the driver's seat position will not be adjusted.

User-specific content

Depending on the vehicle equipment you can, as a user, save the following settings:

- Driver's seat, steering wheel and mirror settings
- Climate control
- Ambient lighting
- Radio (including station list)
- Themes, suggestions and favourites
- i** Settings for driver assistance systems cannot be saved in the user profile.

Adding a user

Multimedia system:

→     **Changing user**

▲ Select Add user.

A QR code is loaded.

▲ Scan the displayed QR code with the Mercedes me App.

The vehicle is linked to the user profile. The user profile is synchronised with the multimedia system and downloaded from the Mercedes me Portal.

▶ You receive a message when the user profile is available. This procedure may take some minutes.

▶ Select **Ja** (Yes).

▶ The user profile is activated.

▶ Follow the directions from the set-up assistant.

or

▶ Select the user options.

Selecting user options

Multimedia system:



▶ Select **Settings**.

Making settings for suggestions

▶ Select **Suggestions settings**.

▶ To configure suggestions: select **Suggestions**.

▶ Switch the options on or off.

▶ If an option is switched on and sufficient data has been gathered, personalised suggestions based on your user behaviour will be offered to you. These are for example vis-

ited navigation destinations, dialled phone numbers and your preferred comfort features and music.

▶ For intelligent multimodality: select **Multimodality**.

▶ If the option is active, the MBUX Voice Assistant can be activated in certain situations.

▶ You can, for example, confirm displayed display message by speaking, receive information about display messages or be prompted to provide voice input.

▶ To switch the learning function off for 24 h: switch on **Deactiv. intelligent learning for 24h**.

▶ About 15 minutes before the activated option ends, you will receive a message that the learning function will begin again shortly.

▶ To delete cumulated suggestions: select

Reset suggestion history.

▶ Select **Ja** (Yes).

Protecting user-specific content and applications

▶ if you add a new user, access protection is already activated. Depending on the vehicle

equipment, the Mercedes me PIN, biometric sensors and the vehicle key are available for access protection. Biometric sensors must be taught in. Authentication is carried out using your method of choice.

▶ The following user-specific content and applications are protected, for example:

- User selection and user profile settings

- Suggestions

▶ The data and the determination of the most probable navigation destinations, media sources, radio stations or contacts are protected.

- ENERGIZING COACH

▶ The recorded health data and their evaluation are protected.

- In-Car Office

▶ The calendar, the tasks and the e-mails are protected.

- Parking service

▶ The payments are protected.

- Mercedes me connect store

- The purchase of services is protected.
- The system activations of purchased vehicle functions are protected.

▶ Activate [Protect content](#).

Teaching in, editing and deleting biometric data

The biometric data is saved in the sensors in the vehicle. When recognition has been taught in, you can authenticate yourself with the applicable method on the multimedia system.

▶ Select [Biometric data](#).

▶ Select [Fingerprint, Facial recognition](#) or [Voice recognition](#).

▶ **Finger print:** put your finger on the finger print sensor under the touchscreen (→ page 294).

The finger is scanned. If the scanning procedure is successful, a message appears in the central display. You can unlock your user profile and protected applications with your finger print.

▶ **Facial recognition:** look at the driver display for about five seconds. Your face is scanned. A message in the driver display shows whether facial recognition was successful or not. You can unlock your user profile and protected applications with the facial scan.

▶ **Voice recognition:** say the sentence shown in the central display and repeat it twice. If the voice recognition was successful, a message appears in the central display. You can unlock your user profile and protected applications with voice recognition.

▶ **To edit biometric data:** select [Edit](#).
Change the biometric data.

▶ **To delete biometric data:** select [Delete](#).
Select [Ja](#) (Yes).

Editing, deleting or resetting user profiles to the factory settings

▶ **To edit:** select [Edit](#).
Change the name.
Select [OK](#).

① If your photo is not yet stored in the Mercedes me Portal you can select a photo from a list.

▶ **Pre-activation of the user profile:** select [Pre-activate user profile](#).

▶ Depending on the vehicle equipment, select [Vehicle key](#) or [Digital Vehicle Key](#).

The user profile is linked to the selected key. If you open the vehicle with the key, the light, mirror and seat settings for your user profile are pre-activated with the vehicle key which you are currently using to unlock the vehicle.

A key can only be saved for one user profile.

▶ **To delete:** select [Remove](#).

Select [Ja](#) (Yes).

▶ **To reset to factory settings:** select [Reset](#).

Select [Ja](#) (Yes).

Selecting a user

Multimedia system:



① When you call up your driver profile, the driver's seat and the steering wheel can be set.

You can cancel the setting process with the following actions:

- Tap on the [Tap here to cancel](#) message in the central display.
- Press one of the seat operating buttons in the driver's door.

Selecting a user

Press the button to confirm the message.

The user profile is loaded and activated.

i If you select [Continue without user selection](#) no specific settings for the user profile are loaded.

Synchronising user profiles

Requirements:

- You have a Mercedes me Account.
- The vehicle is linked with your Mercedes me user account.

Multimedia system:

 [Settings](#)

[Synchronisation](#)

[Activate Synchronise user profiles automatically.](#)

When the ignition is switched on or off, the data stored in the vehicle is automatically synchronised with the user-specific content on Mercedes me connect.

or

[Select Synchronise user profiles now.](#)

i After selecting this option, the data stored in the vehicle is synchronised with the user-specific content on Mercedes me connect.

i During synchronisation the user profile list and the profile functions are blocked.

i **Note on data protection:** if you do not wish to share your data with Mercedes me, make sure that the automatic synchronisation is switched off and do not select [Synchronise user profiles now](#).

Themes

Overview of themes

You can configure the vehicle settings according to your preferences, save as a theme and call up any time via the home screen. There are predefined themes, e.g. Journey, Efficiency and Lounge.

Example of a theme

You can create a theme for a typical driving situation, e.g. for a long motorway journey.

The following settings can be stored in a theme, for example:

- The navigation map
- Current messages in the driver's display
- The preferred audio source
- The preferred drive program

You can make further settings and allocate a name. For the next motorway journey, the theme and the settings you have made are available again.

Content of a theme

Depending on vehicle equipment the following settings can be saved in a theme:

- Setting of driver's display (→ page 272)
- Setting of the Head-up Display (→ page 283)
- Setting of the ambient lighting (→ page 150)
- Active audio source, e.g. radio or USB
- Starting screen for the central display
- Design

The style depends on the set context in the driver's display, for example Performance.

- DYNAMIC SELECT drive program (→ page 183)
- Eco start/stop setting (→ page 181)
- Navigation system settings

Calling up themes

Multimedia system:

-    Select Themes.
- Select a theme.

Creating new themes

Requirements:

- The settings which are to be saved in the theme are active.
For more information on content of themes see (→ page 298).

Multimedia system:

-    Select Themes .
- Select  Create new theme .
The settings which are saved in the theme are shown.
- Select  .
- Select additional settings, e.g. Navigation which are to be saved in the theme.
- Select  .
- Select an entry screen, e.g. Media.
- Select  .
- Select an image.
- Enter a name for the theme and confirm with  .

- ▲ Select [Save theme](#).

- ① The selection of an image is not possible in all countries.

When the maximum number that can be saved is reached:

- ▲ Select  from the prompt.
- ▲ Select a theme that should be overwritten.
- ▲ Proceed as described above.

Creating using a button on the steering wheel

- ▲ Press and hold the  button on the steering wheel.
- ▲ Select  [Create new theme](#).
- ▲ Proceed as described above.

Managing themes

Multimedia system:

-    Select Themes .
The themes are displayed.

Moving themes

- ▶ Press on a theme until a menu is shown.
- ▶ Select **Move**.
- ▶ Move the theme to a new position using drag & drop.

Renaming themes

- ▶ Press on a theme until a menu is shown.
- ▶ Select **Edit theme**.
- ▶ Select **Rename**.
- ▶ Enter the name.
- ▶ Select **Save theme**.

Writing over a theme with new settings

- ▶ Press on a theme until a menu is shown.
- ▶ Select **Overwrite**.
- ▶ Select **Ja** (Yes).

Deleting themes

- ▶ Multimedia system:
▶    **Themes**.

- ▶ Press on a theme until a menu is shown.
- ▶ Select **Delete**.
- ▶ Select **Ja** (Yes).

Resetting themes

- ▶ Press on a theme until a menu is shown.
- ▶ Select **Reset themes to factory settings?**.
- ▶ Select **Yes**.

Favourites

Overview of favourites

Favourites offer you quick access to frequently used applications. It is possible to create 20 favourites in total.

You can select favourites from categories or you add favourites directly from an application.

Calling up favourites

- ▶ Multimedia system:
▶  Touch the status bar with a finger and swipe down.

- ▶ Select **Favoriten** (Favourites) in the Control Center.

Calling up on the steering wheel

- ▶ Press the  button.

Adding favourites

Multimedia system:

- ▶  Touch the status bar with a finger and swipe down.
- ▶ Select **Favoriten** (Favourites) in the Control Center.

Selecting favourites from categories

- ▶ Select .
- ▶ Select  **Create new favourite**.
- ▶ Select the category.
- ▶ Select a favourite.
- ▶ The favourite is stored at the next available position.

All positions in the favourites are taken: confirm the message shown with **OK**. A list shows all the favourites.

▲ Select a favourite which should be overwritten.

▲ **Adding a favourite from an application**

You can save a contact, for example, or add an ENERGIZING Comfort programme.

▲ **To save a contact as a global favourite:**

select a contact (→ page 382).

▲ Press on a telephone number until a menu is shown.

▲ Select **Save as favourite**.

The contact is added as a favourite.

▲ **Renaming favourites**

Multimedia system:



▲ Touch the status bar with a finger and swipe down.

▲ Select **Favoriten** (Favourites) in the Control Center.

▲ Press on a favourite until a menu is shown.

▲ Select **Rename**.

▲ Enter the name.

▲ Select **OK**.

▲ **Moving favourites**

Multimedia system:



▲ Touch the status bar with a finger and swipe down.

▲ Select **Favoriten** (Favourites) in the Control Center.

▲ Press on a favourite until the menu is shown.

▲ Select **Move**.

▲ Move the favourite to the new position.

▲ Tap on .

▲ **Deleting favourites**

Multimedia system:



▲ Touch the status bar with a finger and swipe down.

▲ Select **Favoriten** (Favourites) in the Control Center.

▲ Press on a favourite until a menu is shown.

▲ Select **Delete**.

▲ Select **Ja** (Yes).

▲ **Resetting favourites**

▲ Select **Reset all favourites** in the menu.

▲ Select **Ja** (Yes).

▲ **Notifications Centre**

▲ **Overview of the Notifications Centre**

The following communications are collected in the Notifications Centre:

- Communications which are generated by the vehicle or from multimedia system.
- Communications which are received through the use of services.

The following notification types are available for you:

- Navigable destinations and routes
- Messages (text messages)
- Calendar entries and reminders, e.g. from In-Car Office

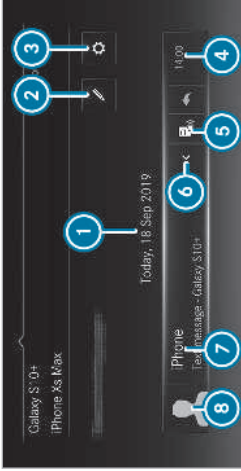
This function is not available in all countries.

- System information, e.g. [Important software update available](#). [Confirm to start the update](#).
- Other notifications, e.g. from additional online services that can be subscribed to

The Notifications Centre is in the Control Centre. Newly received messages will be indicated with a blue circle.

Notifications are normally briefly shown as they are received. If you take no action, these are stored for future access in the Notifications Centre.

The notifications are sorted chronologically. The most recent notifications are at the top.



Example of a message

- ① Date of message received
- ② To edit message
- ③ To call up the settings
- ④ Time message received
- ⑤ Available action
- ⑥ To open up bar (more actions available)
- ⑦ To close bar
- ⑧ Device name or name of the application or service and further information
- ⑨ Symbol or an image for the application

Depending on the type of notification, up to four different actions are available.

Examples of actions include:

- Reading aloud
- Placing a call
- Reply
- Calling up a web page
- Navigation

Some notifications, e.g. a navigation destination, are stored longer. Therefore, it is not necessary to carry out available actions directly upon receipt of the notifications. A route guidance can be started at a later time.

You can pin a message so that this is not deleted automatically after a certain time.

Calling up notifications

Opening the Notifications Centre

On the touchscreen, touch the bar above  Search with a finger and pull downwards. The Control Center opens.

▲ Select the Notifications Centre.

▲ **Selecting a notification**

▲ Tap on the message:

▲ if several messages are available swipe up or down.

▲ **Closing the Notifications Centre**

▲ Swipe up with two fingers.

▲ **Selecting actions for a notification**

The following options are available:

- Select the action directly after a notification is received and shown.
- Select the action later after calling up in the Notifications Centre.

▲ **An action is available:** select the action.

▲ **Several actions available:** select .

▲ Select the action.

▲ The notification is still available.

▲ Close the actions with .

▲ **Editing notifications**

▲ Call up the Notifications Centre (→ page 302).

▲ **Configuring the settings**

▲ Select .

▲  If no settings can be made, a message appears.

▲ Select the service.

▲ Switch the options on or off.

The following options are available:

- Allow notifications
- Display in notification centre
- Show notifications
- Acoustic signals
- External access

The option allows external service access to specific data, e.g. the current vehicle position. With , the detailed, released information can be shown.

▲ If Allow notifications is switched off, the options cannot be selected with the exception of External access.

▲ **Pinning a message**

▲ Drag a message to the right on the touchscreen.

▲  To display pinned messages only: select  in the Message Center.

▲ **Deleting notifications**

▲ Drag a message to the left on the touchscreen and place in .

or

▲ Select the pen symbol.

▲ Select  next to a message or  Delete all.

▲ Select Yes.

▲ Call up the Message Center with .

Global search

Global search overview

You can use the global search in the home screen and in the notifications. You can input characters using the keyboard or the handwriting recognition. Alternatively, the MBUX Voice Assistant allows voice input.

The global search provides search results for the following categories:

- Navigation
- Entertainment
- Telephone, social media, In-Car Office
- In-Car Office is not available in all countries.
- User interface and Digital Owner's Manual
- Internet

The global search enables you to search for towns, roads and tourist attractions with the navigation system, for example.

The global search makes it possible to enter a 3 word address (→ page 338).

When the search field is empty the most probable suggestions are shown. The search results in

the list are shown, sorted according to category. Next to the category is the number of results. You will be shown the best results from each category. Additional results can be found after selecting the respective category.

If you confirm an entry with **OK** (OK), all categories and the number of results will be shown in a summary. Categories include **Navigation** and **Entertainment**, for example. After selecting a category you can select the search results within the category. When you select a search result the detailed view opens. In the detailed view you can choose whether and which actions you want to carry out with the respective search result. For example, you can start route guidance or place a call to somebody. The actions are named correspondingly.

Using the global search

Multimedia system:



- ▶ Select  **Search**.

- ▶ Enter the search term into the search field.
- ▶ The three most likely suggestions are offered during the input.

In the list, the top two search results are shown for each category.

- ▶  Alternatively, the MBUX Voice Assistant allows voice input via .

To accept a suggestion: select the suggestion.

The three most likely suggestions are offered.

Continue the search or accept a suggestion.

To accept the second search result: select the search result.

An action starts or a list is shown.

Select a search result or an action in the list.

To show all categories: select **OK** (OK).

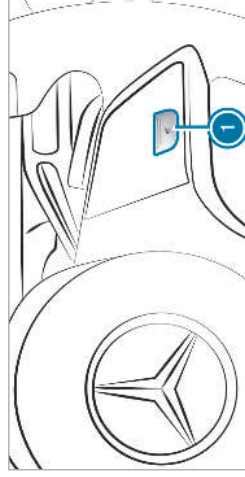
To show search results for a category: select a category.

To show details: select a search result.

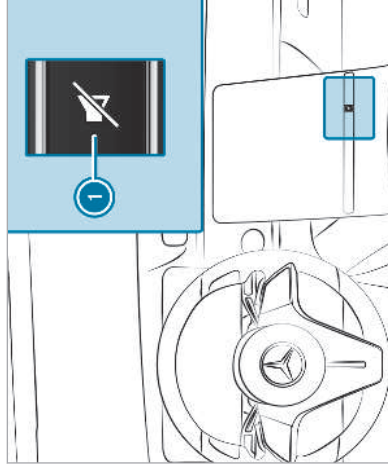
To start an action: select an action.

After selection of an action, a track is played back or the route to a destination is calculated, for example.

Switching the sound on/off



On the steering wheel



In the control panel above the centre console

To switch off: press button 1.

The current audio source is switched off.

The  symbol appears in the status line of the central display.

If you are listening to a radio station, for example, and switch off the sound then all media sources will be muted.

Traffic and navigation announcements can still be heard in this case. The MBUX Voice Assistant and telephony are also not affected.

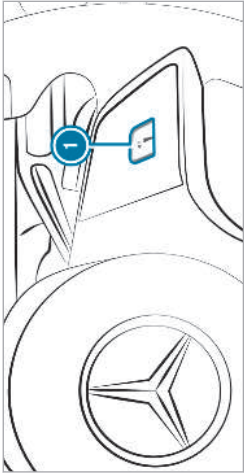
To switch on: press button 1 again.

Set the volume.

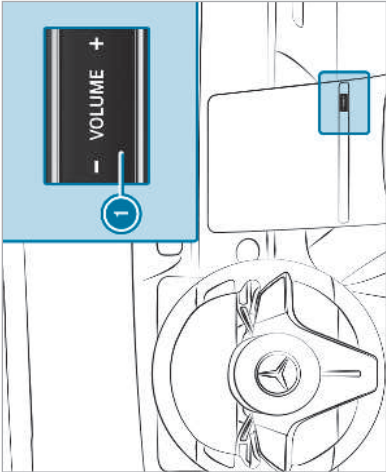
The media source changes.

Adjusting the volume

Setting with the button



On the steering wheel (MBUX multimedia system)



On the MBUX multimedia system

Press **1** **-** or **+**.

or

Swipe across the button.
The volume of the current audio source in the foreground is set.

The volume can be adjusted using the volume control for the following groups:

- Entertainment volume
- Ringtone volume
- Call volume, for example phone call volume
- Voice output volume, for example MBUX Voice Assistant
- Volume of driving recommendations in the navigation



If you set the volume of the voice output to "0" for example, a minimum volume is automatically set when the MBUX Voice Assistant is next called up. The entertainment volume is automatically adjusted after the multimedia system is restarted.

Setting in the menu

Press the  button on the steering wheel.



or

Select  on the touchscreen.
The home screen appears.
Select [Settings](#).

 Select **System**.

 Select **Audio**.

 Select a volume setting.

 The volume can be set for all groups except the entertainment volume.

 Set the volume.

The following settings can also be made in the menu:

- Activating/deactivating the driving recommendations in the navigation during a telephone call.
- Reducing the entertainment volume while a driving recommendation is being issued.

Entering characters

Using the character input function

Requirements:

- **For the handwriting recognition read-aloud function:** the MBUX multimedia system is equipped with the MBUX Voice Assistant.

- The read-aloud function is available for the selected system language.
- The handwriting recognition read-aloud function is activated.

Enter the characters on the Touch Control or on the touchscreen (central display). Character input can be started with a control element and resumed with another.

 When the keypad is shown, enter the characters by swiping and pressing on the Touch Control or by tapping on the touchscreen.

or

 If handwriting recognition has been selected, write the characters on the touchscreen.

Examples for character input include the global search, entering a navigation destination or the renaming of a favourite, for example.

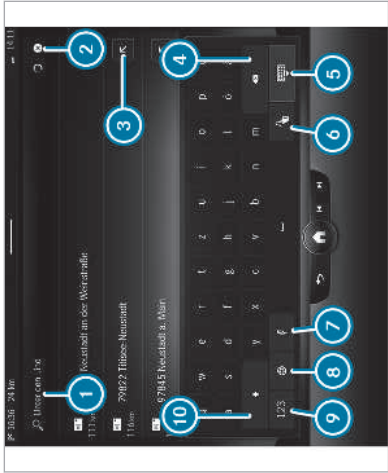
The touchpad supports character input with the following functions:

- Handwriting recognition offers character suggestions.

- If the read aloud function is activated for handwriting recognition then the entered characters are read aloud.

Entering characters on the touchscreen
Requirements:

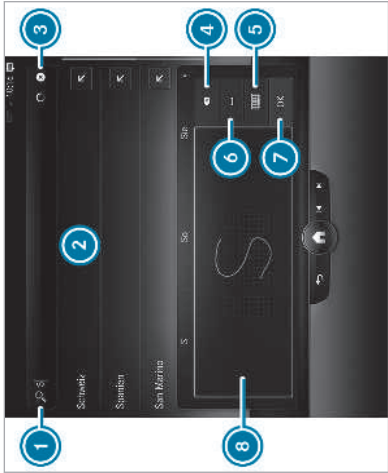
- If you wish to have the character input read aloud: the read aloud function of the handwriting recognition is switched on .
- An online connection is required for some functions.



- Example: character input with the keypad
- 1 Input line with current entry
 - 2 Deletes an entry
 - 3 Puts the search result into the input line and continues entry
 - 4 Deletes the last character entered
 - 5 Accepts an entry
 - 6 Switches to handwriting recognition

- 7 Switches to voice input
 - 8 Sets the written language
 - 9 Switches to digits
 - 10 Switches to upper-case or lower-case letters
- Example: call up the navigation and enter a destination address (→ page 301).
Briefly press on a character.
The character is entered in input line 1.
Resume character input.
To enter an alternative character: press and hold a character.
Select the character.
To end character entry: press briefly on

i The available editing functions depend on the editing task, the language set and the character level.



Entering characters with handwriting recognition

- 1 Input line
- 2 Shows suggestions during input
- 3 Deletes an entry
- 4 Pressing briefly deletes the last character entered
- 5 Pressing and holding deletes the entry

- 5 Switches to input using the keyboard

- 6 Enters a space
- 7 Accepts an entry
- 8 Writing area

If available, the  symbol allows you to change to voice input.

- ▶ When the keyboard is displayed, select .
- ▶ Write the character with one finger on the touchscreen. The letters can be written next to each other or above each other. The character is entered in input line 1. Suggestions are shown in 2.
- ▶ Select one of the suggestions.
- ▶ If available, display additional suggestions with  or .
- ▶ **To end character entry:** press briefly on .

Setting the keyboard and handwriting recognition for character entry
Requirements:

- For [Read out handwriting recognition](#): the MBUX multimedia system is equipped with the MBUX Voice Assistant.
- The read-aloud function is available for the selected system language.

Multimedia system:

- ▶  ▶ Settings ▶ System ▶ Keyboards and handwriting
- ▶ Select Keyboard languages.
- ▶ Select a keyboard language.

Handwriting recognition functions

- ▶ Activate [Read out handwriting recognition](#). The letter that your write on the touchscreen is read aloud.
- ▶ Activate [Handwrit. recognition on keyboard](#). You can write characters directly on the keyboard.
- ▶ Select [Writing speed](#) . Select an option.

Deleting the user dictionary

The user dictionary learns from your inputs and offers suggestions during character input. You can reset the user dictionary.

- ▶ Select [Reset my dictionary](#).
- ▶ Select [Ja](#) (Yes).

MBUX Interior Assistant

Notes on lasers and laser classification

 **WARNING** Risk of injury due to laser beams from the camera

This product uses a class 1 laser system. If the housing is opened or damaged, invisible laser beams could damage your retina.

- ▶ Do not open the housing.
- ▶ Always have maintenance work and repairs carried out by a qualified specialist workshop.

This device is a class 1 laser product in accordance with DIN EN 60825-1:2014

Overview of the MBUX Interior Assistant

The MBUX Interior Assistant monitors the driver and front passenger using 3D cameras in the roof lining. In so doing, it interprets their movements and their overall body language in order to assist, appropriate to the situation, with automatically triggered functions in the vehicle interior.

The Assistant supports vehicle and infotainment functions at three interaction levels:

- INTELLIGENT
The Assistant recognises vehicle occupants automatically and carries out functions.
- REACTIVE
The Assistant recognises the natural body language of a vehicle occupant and carries out functions automatically, appropriate to the situation.
- CONTACTLESS
The vehicle occupant actively demands a function through a hand movement or a favourites pose (V pose).

The Assistant offers functions for the following:

- SAFETY
The Assistant supports vehicle occupants with the use of the restraint system.
- COMFORT
The Assistant enhances comfort by automating functions inside the vehicle and supporting natural interaction with the vehicle.
- INFOTAINMENT
Operating options or information are highlighted and/or shown on the central display as a hand approaches. The vehicle occupants can carry out a favourite function with a V pose.

The Assistant recognises driver and front passenger interactions.

System limits, display messages and notes for rectification

The error messages are shown in the central display.

The system may be impaired or may not function in the following situations:

- The camera is covered or dirty, misted up or scratched.
The The Interior Assistant is temporarily not available see Owner's Manual message appears.
Clean the outside of the camera lens with a dry or damp cotton cloth. Do not use microfibre cloths. Do **not** remove the cover when cleaning.
- A vehicle occupant is very large. Clothing being worn (hat, scarf, colour of clothing) or objects carried on a person, for example a watch with a large face, are affecting the camera view. Or the detection area of the camera is limited.
The Availability of the Interior Assistant is limited for the driver. See Owner's Manual message appears.
Keep the camera's field of vision clear.
- The camera is too hot or is temporarily switched off.

The Interior Assistant is temporarily not available. You will be informed as soon as the function is available again.
Wait until the camera has cooled down or is available again.

You receive a message when the camera is available again.

- The camera or a cable is faulty.

The The MBUX Interior Assistant not available. Please visit the workshop. message appears.
Consult a Mercedes-Benz service centre.

The three types of interaction between vehicle and vehicle occupants:

Type of interaction	Description	Subject area and examples
INTELLIGENT	The Assistant recognises the presence of vehicle occupants. Depending on the situation, functions are carried out automatically.	Safety Information on fastening the child seat
REACTIVE	The natural body language of a vehicle occupant, e.g. a hand or head movement, is recognised and triggers a function implicitly.	Comfort - Switching the search light on/off Infotainment - Showing the navigation menu on the map
CONTACTLESS	The vehicle occupant triggers a function by actively demanding this with a hand movement or a hand pose.	Comfort - Switching a reading light on/off Infotainment - Calling up favourites with the V pose

Overview of supported interior functions:

Subject area	Functions (examples)	Type of interaction
SAFETY		
Transporting children in the vehicle more safely	Information on fastening the child seat	Intelligent
COMFORT		
Adaptive interior lighting	- Switching a reading light on/off - Switching the search light on/off	Contactless Reactive
Smart comfort functions	- Automatic preselection of the outside mirror - Opening and closing the roller sunblind on the rear window	Reactive Reactive
INFOTAINMENT		
Calling up favourites with the V pose	Calling up favourites with the V pose	Contactless
Reactive user interface	- Animating content on the home screen for driver or front passenger - Seat adjustments by the driver or front passenger - Showing the navigation menu	Reactive Reactive Reactive

S02: Emergency call with transmission of number of vehicle occupants (SAFETY/intelligent)

If the emergency call system triggers an emergency call, the MBUX Interior Assistant detects the number of adults and children in the vehicle. This data is transmitted to the emergency call centre.

Measures for rescue, recovery or towing away can then be initiated more precisely.

Further information on the Mercedes-Benz emergency call system (→ page 406, 411).

S04: Anticipatory exit warning (SAFETY/reactive)

Requirements:

- The vehicle is equipped with DRIVE PILOT [code 200].
Further information about DRIVE PILOT .
- The vehicle is equipped with Blind Spot Assist [code 234].
- Blind Spot Assist is activated (→ page 262).

Observe the information on the system limits of Blind Spot and Active Blind Spot Assist with exit warning (→ page 259).

- The vehicle is stationary.
- The ignition is switched on.

The function can warn vehicle occupants about a possible collision with an approaching vehicle or bicycle when they exit the vehicle. The visual exit warning is issued **before** the door is opened and thus earlier than previously.

Depending on the vehicle equipment, the following warnings are issued:

- The active ambient lighting flashes red or
- The ambient lighting flashes red
- The warning light in the outside mirror flashes red.

When a vehicle occupant holds a hand in the vicinity of the door area, the warning light lights up briefly.

- When the door is opened, a warning tone sounds.

Notes on fastening the child seat (SAFETY/intelligent)

The MBUX Interior Assistant detects child restraint systems on the front passenger seat. If a child restraint system is not fastened, e.g. a rearward-facing child seat, a message appears in the central display.

The function assists you in making sure that a child restraint system is secured with the seat belt on the front passenger seat. It helps you to transport children safely in the vehicle.

- ① For further information on securing a child restraint system with the seat belt on the front passenger seat .

S06: Saving the child seat position with the MBUX Interior Assistant (SAFETY/intelligent)

The MBUX Interior Assistant detects child restraint systems on the front passenger seat. If a child restraint system is detected and this is fastened on the front passenger seat, a message appears in the media display. The set seat posi-

tion can be saved via the displayed memory buttons in the media display.

The function allows the front passenger seat to be adjusted before a child restraint system is fitted. It simplifies the use of child seats and helps you to transport babies and small children safely.

C07: Pre-setting the driver's seat position with the MBUX Interior Assistant (COMFORT/intelligent)

When creating a profile, the MBUX Interior Assistant detects the size of the driver and can **pre-set** the seat position if required.

The driver can make additional fine adjustments which are saved in the profile. When the profile is reactivated, the seat position is called up automatically after confirmation. The positions of the head restraints and steering wheel are also adjusted.

Further information for adjusting the driver's seat:

- Adjusting the front seat electrically (→ page 96)
- Setting the automatic seat adjustment on the MBUX multimedia system (→ page 106)

Switching the reading light on/off (COMFORT/contactless)

Requirements:

- The driver's and front passenger's hand movement takes place under the inside rear-view mirror.

A brief movement of the hand up and down, switches the reading light on or off.



Carrying out operation of the reading light for the driver and front passenger

- ▲ Move the hand up and down vertically under the reading light.
The reading light is switched on or off.
- ❗ Further information on switching the reading lamps on and off (→ page 150).

Switching the search light on/off (COMFORT/reactive)

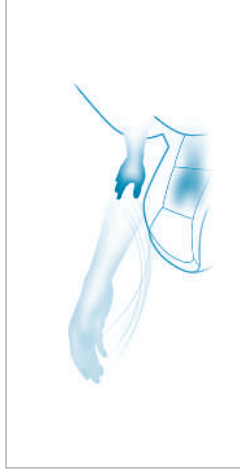
Requirements:

- The function is available in the vehicle when it is dark.

- The front passenger seat is not occupied.
- The function is available when it is dark.
- The driver's hand movement is carried out in the area of the front passenger seat.

The function enhances the comfort in the vehicle interior.

Naturally stretching out with the hand over the unoccupied front passenger seat, automatically switches a search light on for the driver when it is dark. Pulling the hand back switches the search light off again.



Interaction area for activating the search light

- ❗ Not occupied means: nobody is on the front passenger seat or there are no large objects on it.

Automatic preselection of the outside mirror (COMFORT/reactive)

Until now, to set the outside mirror the desired mirror had to be selected using a preselection button in the driver's door (→ page 155).

With the MBUX Interior Assistant, the mirror to be set is preselected automatically by the natural movement of the head to the left or right.

The setting of the selected outside mirror is then carried out using the button in the door operating unit.

- ❗ Preselection of the outside mirror using buttons ② or ④ is still possible (→ page 155).
- ❗ The driver camera is also used for this application. In the process, the camera evaluates the driver's head position.

Opening/closing the roller sunblind on the rear window (COMFORT/reactive)

Requirements:

- The vehicle is equipped with an electric roller sunblind for the rear window.
- Reverse gear is engaged.

If the driver glances back over their shoulder in the direction of the rear window, the roller sunblind opens automatically.

If the vehicle is parked or before a journey is resumed, the roller sunblind is closed again automatically, if it was closed before reversing.

The function facilitates a good view when reversing, e.g. when parking, and reduces the number of operating steps.

- ❗ Further information on opening and closing the roller sunblind on the rear window (→ page 92).

C17: Opening and closing the sliding sunroof and roller sunblind (COMFORT/contactless)

Requirements:

- The vehicle is fitted with a panoramic sliding sunroof.

The MBUX Interior Assistant allows contactless operation of the roller sunblind and the sliding roof. The function can be carried out by driver and front passenger.

The occupants in the rear can operate the rear roller sunblind.

Restriction: do not open the sliding sunroof if a roof rack is fitted. The sliding sunroof will then encounter resistance and subsequently remain in a raised position.

To open the roller sunblind and sliding roof: the palm of your hand faces your head. Move your outstretched hand away from the windscreen towards the rear below the overhead control panel. The roller sunblind opens.

When the roller sunblind is open, repeat the hand movement. The sliding roof opens.

To close the sliding roof and roller sunblind: your palm faces away from your head.

Move your outstretched hand in the direction of the windscreen below the overhead control panel. The sliding sunroof closes.

When the sliding roof is closed, repeat the hand movement. The roller sunblind closes.

To interrupt the opening and closing process: stop the hand movement and move your hand away from below the overhead control panel.

The opening/closing process will be stopped.

-  Further information on opening and closing the sliding roof (→ page 86).

Calling up favourites with the V pose (INFORMATION/contactless)

Requirements:

- At least one favourite has been saved in the favourites list.
- The favourite has been connected with the MBUX Interior Assistant.

- The area for detecting the favourites pose (V pose) is in front of the central display. The hand should have a distance of at least 10 cm from the display.
- The V pose is held for a brief time.

The V pose makes it easier to call up favourites.

Each vehicle occupant can link their own favourites with the V pose. Some examples include a navigation destination, a radio station or a massage programme for a seat.

-  If a favourite has not yet been saved and connected with the MBUX Interior Assistant the multimedia system will assist you.



Carrying out the V pose

- ▶ Position your hand above the centre console in the direction of the central display. The back of the hand is facing upwards. In doing so the index and middle finger are spread to form a V with the other fingers bent inwards. The favourite is called up.

Operating functions by moving a hand towards the touchscreen (INFOTAINMENT/ reactive)

Requirements:

- One of the following applications appears in the central display:
 - Seat settings with displays for seats, e.g. **Seat comfort** (driver's seat and front passenger seat only)
 - Home screen
 - Map in the navigation with active route
- Recognition occurs as the hand approaches to approximately 10 cm of the touchscreen.



Hand approaching the touchscreen

Seat adjustments by the driver or front passenger

In the seat settings menu, the MBUX Interior Assistant detects proximity to various control elements of the multimedia system. In addition, the MBUX Interior Assistant detects from which seat the action emanates.

- ▶ With the seat setting display active, move the hand towards the touchscreen.

The seat of the operator is enlarged in the display.

- ▶ Depending on the function, the vehicle occupant can make settings for the seat function.

Animating content in the home screen

The MBUX Interior Assistant detects in which area the hand is in front of the touchscreen. The display of objects shown is animated to improve orientation.

- ▶ Move your hand towards the touchscreen. The contents in the home screen turn to the driver or front passenger.

- ▶ Continue operation, e.g. select a quick-access application.

- Further information about the home screen (→ page 291).

Showing the navigation menu on the map

If there is an active route, the MBUX Interior Assistant displays the navigation menu.

- Move your hand towards the touchscreen. The navigation menu is shown.
- Continue operation and select a symbol.
- As your hand is moved away from the touchscreen, the central display hides the navigation menu.

- Further information on the navigation menu (→ page 334).

Settings for the MBUX Interior Assistant

Multimedia system:

- ➤ Settings ➤ System
- ➤ MBUX interior assistant

- Select On or Off. If the Assistant is activated, full functionality is used.

Switching individual functions on or off

- Activate  or deactivate  the switch.
- If Basic functions is switched on, all safety functions are activated.

Driver camera

Overview of the driver camera

The driver camera is in the driver's display or in the 3D driver display. It detects the head position, the viewing direction and the eyelid closure characteristics of the driver.

System limits

The system may be impaired or may not function in the following situations:

- The camera is covered or dirty, misted up or scratched.
- The camera or a cable is damaged.
- The driver's face and/or eyes are covered.
- The driver is wearing glasses that block infrared.

Assistants, operating and display systems as well as typical applications that are supported by the driver camera:

Assistant or operation and display system	Observe the following information:
DRIVE PILOT	Function of DRIVE PILOT and system limits
Driver display	Overview of driver's display
MBUX augmented reality Head-up Display	Display elements
ATTENTION ASSIST	Function of ATTENTION ASSIST with microsleep detection
Personalisation	Facial recognition
Multimodality	MBUX Voice Assistant
Eye Control	MBUX Interior Assistant, automatic pre-selection of the outside mirror

Display messages

In the following situations display messages may be shown:

- If the driver camera is not functioning (→ page 601).
The camera or the cable is faulty.
- If the steering wheel position is impairing the view of the driver's face.

Switching the driver camera on/off

Multimedia system:

-  >> Settings >> System
- >> Driver camera
- ▶ Select On or Off.

When the driver camera is switched off, the following functions are not available or limited:

- DRIVE PILOT

- 3D driver display
 - MBUX augmented reality Head-up Display
 - The microsleep detection of ATTENTION ASSIST
 - Facial recognition (authentication)
 - Multimodality
- The MBUX Voice Assistant is activated to confirm a display message by speaking, for example.

System settings

Display

Configuring display settings

Multimedia system:

→ → Settings → System → Display

Adjusting the brightness

- ▲ Select Display brightness.
- ▲ Set the brightness of the central display, the instrument cluster or the front passenger display.

Setting day/night design

- ▲ Select Day/night design.
- ▲ Select Automatic, Day design or Night design.

Switching the display surround lighting on/off

- ▲ Select Illuminate display indirectly.
- ▲ The indirect lighting is switched on or off.

Switching 3D display of the instrument cluster on/off

- ▲ Select 3D Driver Display.
- ▲ The 3D display of the instrument cluster is switched on or off.

Switching the Head-up Display on/off

- ▲ Select Head-up display.
- ▲ The Head-up Display is activated or deactivated.

Time and date

Setting the time zone

Multimedia system:

→ → → Settings → System

Time and date

- ▲ Select Time zone.

The list of countries is displayed.

- ① If there are several time zones available in a country, these will be shown after the country is selected.

- ▲ Select a country and, if required, a time zone.
The time zone set is displayed after Time zone.

or

- ▲ Select the Automatic time zone entry from the country list.
The time zone will be set automatically according to the vehicle location.

- ① The Automatic time zone option is available for vehicles with satellite reception.

Setting the time and date format

Multimedia system:

- ➔  ➔ Settings ➔ System
- ➔ Time and date ➔ Set format
- ➔ Select a time and date format.

Setting the time and date manually

Requirements:

- The vehicle does not have satellite reception.

Multimedia system:

- ➔  ➔ Settings ➔ System
- ➔ Time and date

Setting the time

- ➔ Select Set time.
- ➔ Set a time.
- ➔ Press OK (OK) to confirm.

Setting the date

- ➔ Select Set date.
- ➔ Select a date.
- ➔ Press OK (OK) to confirm.

- ➔ On vehicles with satellite reception, the time and date settings are determined automatically based on the vehicle location and cannot be set manually.

Adjusting the time

- ➔ Select Adjust time.
- ➔ Set a value.
- ➔ Press OK (OK) to confirm.
- ➔ The function is only available in vehicles with satellite reception.

Switching voice amplification to the rear on/off (vehicles with long wheelbase)

Requirements:

- Your vehicle is equipped with the Burmester® 3D surround sound system or the Burmester® high-end 4D surround sound system.
- The ignition is switched on.
- Doors, side windows and the panorama sliding sunroof are closed.

- At least one seat belt is fastened on the rear bench seat.

Multimedia system:

- ➔  ➔ Settings ➔ System ➔ Audio
- ➔ Further settings ➔ Voice amplification

Voice amplification supports communication between the driver/front passenger with passengers in the rear compartment. When voice amplification to rear is activated, the signals picked up by the microphone are amplified and played back over the speakers in the rear compartment, depending upon vehicle noise levels. An automatic adjustment occurs based on speaker volume and ambient noise in order to improve speech intelligibility and maintain the naturalness of speech.

- ➔ Switch voice amplification on or off.

Setting the intensity of the voice amplification

- ➔ Set the desired intensity on the control. Depending on the intensity set, the voice amplification to the rear is increased or reduced.

Data protection

Switching transmission of the vehicle position on/off

Requirements:

- A Mercedes me account is available.
- At least one service is activated in the Mercedes me Portal which has access to the transmitted position data.

 The function is country-dependent. For more information, consult a Mercedes-Benz service centre.

Multimedia system:

  [Settings](#) [System](#)

[Data protection](#)

[Transmit vehicle position](#)

 Activate or deactivate the function.

Bluetooth®

Information about Bluetooth®

Bluetooth® technology is a standard for short-range wireless data transfer up to approximately 10 m.

You can use Bluetooth® to connect your mobile phone to the multimedia system and use the following functions, for example:

- Hands-free system with access to the following options:
 - Contacts (→ page 381)
 - Call lists (→ page 385)
 - Text messages (→ page 386)
- Internet connection (→ page 413)

Bluetooth® is a registered trademark of Bluetooth Special Interest Group (SIG) Inc.

 Internet connection via Bluetooth® is not available in all countries.

Activating/deactivating Bluetooth®

Multimedia system:

  [Settings](#) [System](#)

[Internet and Bluetooth](#)

 Switch Bluetooth on or off.

Near Field Communication (NFC)

Information on Near Field Communication (NFC)

NFC enables short-range wireless data transfer or connection of a mobile phone with the multimedia system.

Further information can be found at: <https://www.mercedes-benz-mobile.com/>

Switching near-field communication on/off

Multimedia system:

  [Settings](#) [System](#)

[Internet and Bluetooth](#)

 Switch NFC on or off.

Wi-Fi

Information on Wi-Fi connections

You can use Wi-Fi to set up a connection to the Internet or to external network devices.

-  The availability of the function is dependent on the country.

Generally, two types of Wi-Fi connection are available:

- To use the multimedia system as a Wi-Fi hotspot** (→ page 325)

The multimedia system serves as Wi-Fi hotspot for mobile communication devices, such as smartphone or tablet PC, for example.

The data volume of the vehicle or an already connected tethering device is used for the data connection.

To use the vehicle data volume, the [Allow connected devices to use the Internet](#) option must be activated in the hotspot setting.

-  Data volumes must be purchased via the Mercedes me Portal.

-  The use of the vehicle data tariff by external devices is not available in all countries.

- To use a mobile communication device as Wi-Fi hotspot (tethering)** (→ page 415)

An external Wi-Fi hotspot is accessed for the Internet connection of the multimedia system. The data tariff of the mobile communication device is used for the data connection.

Options for setting up a connection

The following options are available for setting up a connection:

- QR code**
 The connection is set up by scanning the QR code shown on the multimedia system.
- NFC**
 The connection is set up by placing the mobile communication device in the NFC interface of the vehicle.
- WPS PBC**
 The connection is set up by keypress on the device to be connected.

- WPS PIN**

The connection is set up by entering an eight digit PIN.

Switching Wi-Fi on or off

Multimedia system:

- 


- 

Select Wi-Fi.

The controller is to the right: Wi-Fi is switched on.

When Wi-Fi is switched on, you can connect the multimedia system with external hotspots or make it available as a hotspot for external devices.

When Wi-Fi is switched off, it is not possible to establish a hotspot connection.

-  The availability of the function is dependent on the country.

Using the multimedia system as a Wi-Fi hotspot

Requirements:

- Wi-Fi is activated on the multimedia system and the device to be connected (→ page 324).

- The device to be connected supports at least one of the types of connection described.

The connection types shown depend on the device to be connected. The function must be supported by the multimedia system and by the device to be connected. The type of connection established must be selected on the multimedia system and on the device to be connected.

- ❗ Some functions may first need to be activated on the device being connected. More detailed information can be found in the manufacturer's operating instructions.

- ❗ The use of the vehicle data tariff by external devices is not available in all countries.

Multimedia system:

→  >> Settings >> System

>> Internet and Bluetooth

▶ Select Vehicle hotspot.

▶ Select one of the following connection options.

Connecting using a QR code

Requirement: an app for scanning the QR code is installed on the device being connected.

Alternatively: the device being connected has an integrated QR code scanner (see manufacturer's operating instructions).

▶ Scan the QR code shown.
▶ The Wi-Fi connection is established.

Connecting using NFC

▶ Select NFC.

▶ Activate NFC on the device being connected.

▶ Position the device being connected in the NFC interface of the vehicle.

▶ The Wi-Fi connection is established.

Connecting using a button

▶ Select Connect via WPS PBC.

▶ Press the push button on the device to be connected (see the manufacturer's operating instructions).

▶ Select Weiter (Continue).
▶ The Wi-Fi connection is established.

Connecting using WPS PIN entry

▶ Select Connect via WPS PIN.

▶ Enter the PIN that is shown on the external device's display on the multimedia system.
▶ After correct entry of the PIN: The Wi-Fi connection is established.

Managing MBUX authorised devices

Requirements:

- The MBUX Remote Control app is installed on an external device (e.g. tablet or smartphone).
- Wi-Fi is activated (→ page 324) and the multimedia system is configured as a Wi-Fi Hotspot (→ page 325).

Multimedia system:

-  Settings System
- MBUX Remote Control

Connecting and authorising a new device

- ▲ Select **Authorise a new device.**
- ▲ Select **Add new device to the list.**
- ▲ Enter the security key in the external device. The Please start MBUX Remote Control on your device and follow the instructions. message appears.
- ▲ Select **Continue.**
- ▲ The connection request from the device **Accept.**
- ▲ Enter the PIN shown on the external device. The device is authorised.

Authorising a connected device

- ▲ Select **Authorise a new device.**
- ▲ Authorise device from list
- ▲ The Please start MBUX Remote Control on your device and follow the instructions. message appears.

▲ Select **Continue.**

- ▲ The connection request from the device **Accept.**
- ▲ Enter the PIN shown on the external device. The device is authorised.

De-authorising the device

- ▲ Select **Deauthorise device.**
- ▲ Select an authorised device from the list. A prompt will appear asking whether you really would like to de-authorise the selected device.
- ▲ Select **Yes.** The device is de-authorised.

Activating/deactivating the child safety lock for external devices

Multimedia system:

-  Settings System
- Parental control

Switching the child safety lock on/off (rear display)

- ▲ Select **Rear left or Rear right.**
- ▲ Select **Lock.** The controller is positioned on the right: the lock is active. The rear display is locked and cannot be operated.
The controller is positioned on the left: the lock is released. The rear display is unlocked and can be operated.
- or
- ▲ Select **Display off.** The controller is positioned to the right: the rear display switches off.
The controller is positioned to the left: the rear display switches on.

Activating/deactivating the child safety lock (MBUX-authorised devices)

- ▶ Select **MBUX authorised devices**.
A list of the devices authorised via MBUX Remote Control appears.
- ▶ Select **Lock**.
The controller is positioned on the right: the lock is active. The authorised device cannot be used to operate the MBUX multimedia system.
- ▶ The controller is positioned on the left: the lock is released. The authorised device can be used to operate the MBUX multimedia system.

System language

Notes on the system language

This function allows you to determine the language for the menu displays and the navigation announcements. The selected language affects the characters available for entry. The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.

Setting the language

Multimedia system:

- ▶  ▶ **Settings** ▶ **System**
- ▶ **Language**

Setting the system language

- ▶ Select **System language**.
A list of the available system languages is shown.
- ▶ Select a language.
The system language is switched to the selected language.

Setting the distance unit

Multimedia system:

- ▶  ▶ **Settings** ▶ **System**
- ▶  This function is not available in all countries.
- ▶ Select **Units**.
- ▶ Select a unit for the distance.
- ▶ Switch **Additional speedometer** on for an additional display in the instrument cluster's multifunction display.

Software updates

Information on software updates

Software updates keep your vehicle and the related systems up-to-date and prevent security flaws.

The navigation maps are updated via updates from external storage media (e.g. USB stick). Software updates are available online for vehicle components such as control units, convenience systems, locking and safety systems, driver assistance systems, suspension and drive systems as well as for the MBUX multimedia system. Software updates are available via the communication module or a Wi-Fi connection to an external hotspot.

Install available software updates regularly. Otherwise the security of your MBUX multimedia system and individual vehicle components cannot be ensured.

Information about installation

Software updates are installed automatically after they are downloaded. As soon as a software update is completed, a message appears in

the media display. It may be necessary to restart the MBUX multimedia system.

Some software updates require a safe vehicle status for the installation to be completed. They can only be carried out in a safely parked vehicle with the ignition switched off.

When the last installation step is reached, a message appears in the media display after the ignition is switched off. Follow the step-by-step instructions in the media display to complete the installation.

The vehicle cannot be used while these software updates are being installed. All entries in the vehicle fault memory are overwritten.

Further information about software updates can be found at <https://me.secure.mercedes-benz.com>.

Carrying out software updates

Requirements:

- **For software updates via the communication module:**

There is an Internet connection via the communication module (→ page 413).

Your vehicle is linked to a Mercedes me account (→ page 405).

- **For software updates via Wi-Fi:**

There is a connection to an external Wi-Fi hotspot (→ page 325).

Multimedia system:

→  [Settings](#) [System](#)
[Software update](#)

Starting the software update via the communication module

If the [Automatic online update](#) option is active, available software updates are downloaded and installed automatically. Activate the option in order to always keep your vehicle up-to-date and avoid security flaws.

If the option is deactivated, you will be informed of new software updates once. The updates are available for downloading for a limited period of time.

- ▶ Select an update from the list of available updates.

- ▶ Start the update.

The update is downloaded and installed automatically.

For software updates with a safe vehicle

status: when the last installation step is reached, a message appears in the media display after the ignition is switched off. Follow the step-by-step instructions in the media display to complete the installation.

Starting a software update via Wi-Fi

Some software updates require an additional connection to a Wi-Fi hotspot. The connection to an external hotspot can be established when the software update is started.

- ▶ Select an update from the list of available updates.

- ▶ Start the update.

Establish the connection to a Wi-Fi hotspot. The update is downloaded and installed automatically.

For software updates with a safe vehicle

status: when the last installation step is reached, a message appears in the media

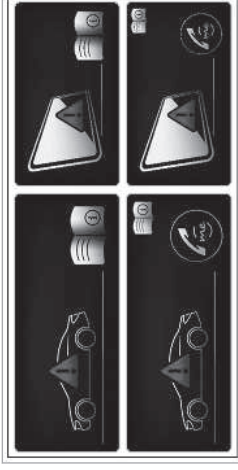
display after the ignition is switched off. Follow the step-by-step instructions in the media display to complete the installation.

Starting a map update from an external storage medium

- ▶ Connect the storage medium with the vehicle via a media interface.
A message about an available map update appears in the media display.
- ▶ Select the message.
- ▶ Select **Update**.
The map update is started.

Error during installation of the software update

In rare cases, an error can occur during the installation. The multimedia system automatically attempts to restore the previous version. If restoration of the previous version is not possible, one of the following display messages appears on the Instrument Display:



Failure of the media display:

If the media display has failed, several systems such as the reversing camera, Parktronic or climate control are no longer available. Drive on carefully and consult a specialist workshop as soon as possible.

Failure of the Instrument Display:

If the Instrument Display has failed, you cannot recognise function restrictions applying to safety relevant systems. The operating safety of the vehicle may be impaired. Have the vehicle checked by a qualified specialist workshop immediately.

Further information about software updates can be found at <https://me.secure.mercedes-benz.com>.

Resetting the multimedia system (reset function)

Requirements:

- Some settings can only be reset when the vehicle is stationary.

Multimedia system:

→ → Settings → System → Reset

When resetting the system, personal data and settings are deleted, for example:

- Themes
- Connected devices
- Individual user profiles

▶ Select **Reset**.

A query appears asking if the system should really be reset.

▶ Select **Ja** (Yes).
The multimedia system is reset to the factory settings. The data used and saved by the driver assistance systems is deleted. The multimedia system is restarted after the system reset.

❗ Due to data protection, as well as the function of individual driving systems and driving safety systems, it is a requirement to carry out a complete system reset before selling the vehicle or transferring it to a third party, or after use as a hire car.

Fit & Healthy

Setting ENERGIZING seat kinetics

Requirements:

❗ These functions are available only for fully electric seats with a memory function.

Multimedia system:

→  ▶▶ **Comfort** ▶▶ **Seat comfort**
▶ Select **Seat kinetics**.

ENERGIZING seat kinetics can support back health by changing the seat position during a journey. The muscles and joints are repeatedly stressed and relieved by means of minor movements of the cushion and backrest.

Starting seat kinetics

▶ Select **short distance**, **Medium dist.** or **long distance** for the desired seat.
▶ The program will run for the set duration.

Configuring seat kinetics

▶ Select  for the desired seat.
▶ Select **Backrest**, **Backrest and seat surface** or **Seat surface** for the desired seat.

Vehicles with a multicontour seat:

In addition to the seat backrest and seat cushion, the lumbar region can be activated for the function.

▶ Switch **Including lumbar** on or off.

ENERGIZING COMFORT

Overview of the ENERGIZING COMFORT programme

❗ Please note that the available programmes and the associated functions depend on your vehicle equipment. Depending on your equipment, fewer functions may be available.

Programme overview

- **Refresh:** Can have a refreshing effect with short, cool puffs of air. The seat is ventilated, the vehicle interior is illuminated with cool colours and the programme is completed with appropriate sound. In addition, the vibration massage in the cushions can loosen the muscles.
- **Warmth:** Can increase the comfort level of the vehicle occupants. Seat, surface and steering wheel heating, in combination with the heated neck cushion in the rear passenger compartment, provide comforting warmth. The programme is completed with unobtrusive sound and warm colours.

- **Vitality:** Can counteract diminishing attentiveness in monotonous driving situations. The activating stimulation of the vehicle occupants is carried out with invigorating sound, activating light and a vitalising massage.
- **Pleasure:** Can promote a positive mood in the vehicle occupants as well as mental regeneration. This results from the activation of a massage programme, friendly sound and illumination with suitable colours. Combination with the 4D sound system can boost the regenerating effect.
- **Comfort:** Can help relax the vehicle occupants. Relaxation is achieved using a hot stone massage, friendly light and relaxing sound.
- **Power Nap:** The programme consists of three phases.
 - Falling asleep phase: relaxing music is played and the vehicle is darkened.
 - Sleeping phase: the active functions are deactivated or restricted as much as possible.

- Waking phase: slightly stimulating music is played, and the air is purified with ionisation and scented.
 - **Training:** Can counteract the onset of muscle tension, limbs falling asleep or stress with targeted relaxation or stimulation exercises. The exercises are demonstrated in short videos.
 - The training consists of audio content and a brief animation. The audio content is conceived so that it can also be played back when you are driving. Animations are only shown when the vehicle is stationary. Always observe the traffic conditions if you are training when driving.
 - **Tips:** The system gives auditory tips for possible exercises or measures for improving the comfort level of the vehicle occupants. By selecting the desired area of the body you can receive targeted tips for the comfort level of this area.
- If a programme has been started for one seat, this can also be adopted for other seats at the same time.

Starting the ENERGIZING COMFORT programme

⚠ WARNING Increased risk of accident when using the ENERGIZING COMFORT programmes [Tips](#) and [Training](#)

The ENERGIZING COMFORT programmes [Tips](#) and [Training](#) can distract you when driving.

- ▲ Only carry out exercises when the traffic conditions allow.
- ▲ When listening to the tips, make sure that you are always aware of the traffic conditions around you.

Requirements:

- The ignition is switched on.
- To start [Power Nap](#) for the driver's seat:
- The engine is switched off.
 - The doors are closed.
 - The vehicle is secured against rolling away.

- ▶ The charging state of the high-voltage battery is sufficient for the use of the auxiliary climate control.

Multimedia system:

→  → Comfort
→ ENERGIZING COMFORT

Starting the programme

- ▶ Select a programme.
- ▶ Select **Start** for the desired seat.
- ❗ If, during an active programme, a function requirement is no longer met, a corresponding message appears. The active programme is cancelled.

Configuring the programme

- ▶ Select a programme.
- ▶ Select **Settings**.
- ▶ Switch the functions included in the programme on or off.

Setting the running time

- ▶ Select a programme.

- ▶ Select **Settings**.
- ▶ Select the desired duration.

Starting a Power Nap

- ▶ Select **Power Nap**.
- ▶ Select **Start**.

When the vehicle is stationary, the following actions are carried out when Power Nap is started:

- The roller sunblinds are extended.
- The doors are locked.
- The windows and sliding sunroof are closed.
- The seats are moved into the fully reclined position.
- The parking brake is applied if necessary.

- ❗ The programme is also available for the rear seats while the vehicle is in motion. The above-mentioned functions may only have limited availability.

Starting the training programme

- ▶ Select **Training**.

- ▶ Select a programme.

- ▶ **To activate fragranc**ing for training: select **Air fresher**.

- ❗ The animations demonstrating the exercises are faded out when the vehicle is in motion and you only hear the instructions.

Starting tips

- ▶ Select **Tips**.
- ▶ Select  a region of the body.
- ▶ Select  to stop playback of the tip.

ENERGIZING COACH

Function of the ENERGIZING COACH

Requirements:

- The **ENERGIZING COACH** service is activated in the Mercedes me Portal or the Mercedes me app.

With ENERGIZING COACH you can evaluate the driving and driver situation. Depending on the situation, it offers recommendations for the start

of an appropriate ENERGIZING COMFORT programme.

The following programs could be suggested:

- **Vitality**

As an activating programme in monotonous driving situations or for long journey times, for example.

Information on the vitality program see (→ page 330).

- **Pleasure**

As a balancing program in demanding driving situations.

Information on the pleasure program see (→ page 330).

- **Refresh**

As a refreshing programme when temperatures rise.

Information on the Refresh programme; see (→ page 330).

- **Warmth**

As a warming programme when temperatures drop.

Information on the Warmth programme; see (→ page 330).

By connecting a GARMIN fitness tracker, for example the GARMIN vivoactive® 3, additional information can be entered into the evaluation for the recommendation of an ENERGIZING COMFORT programme. The additional information includes the stress level, that is calculated by the fitness tracker. The stress level is based primarily on the pulse rate.

Requirements for the integration of additional information via a GARMIN fitness tracker:

- Your fitness tracker is connected with your GARMIN account.
- Your GARMIN account is connected with your Mercedes me account.

If you wear your GARMIN fitness tracker at night also, the sleep data is included in the evaluation of the ENERGIZING COACH.

Requirement for the integration of the sleep data:

- The GARMIN fitness tracker is synchronised with the GARMIN account before the beginning of the journey.

① If ATTENTION ASSIST determines an excessive lack of attention, ENERGIZING COACH makes no further suggestions. Further information about ATTENTION ASSIST (→ page 254).

Calling up the ENERGIZING COACH display
Multimedia system:



Select **ENERGIZING COACH**.

Your current pulse as well as an evaluation of your pulse for the last 30 minutes driving time are shown.

A corresponding error message is shown if there is no mobile phone connected or no pulse can be sent to the system for an extended period.

i Only pulse values in the range of 30-150 bpm are shown on the central display. The pulse values have no medical validity but are only informative in nature and are therefore also not required to be accurate.

In the event of an error message make sure that the following requirements are fulfilled:

- The fitness tracker is connected with your GARMIN account.
- Your GARMIN account is connected with your Mercedes me account on your mobile phone.
- The mobile phone is connected to the multimedia system (→ page 372).

Navigation and traffic

Switching navigation on

Multimedia system:

→  [Navigation](#)

Alternatively, activate the MBUX Voice Assistant (→ page 285).

→  [Navigation](#)
The map appears.

Showing/hiding the navigation menu

→  [Navigation](#)

The navigation menu is shown if route guidance is not active.

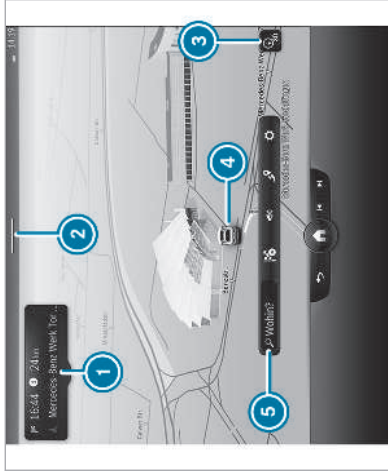
The navigation menu is hidden if route guidance is active.

To show: tap on the touchscreen.

To hide: the navigation menu is hidden automatically.

Navigation overview

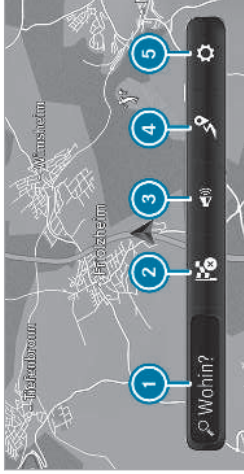
Digital map



- 1 Display of the traffic reports provider
- 2 Status line with information
- 3 Shows parking options in the vicinity of the current vehicle position
- 4 Sets the map orientation

- 5 Current vehicle position
- 6 Navigation menu

Navigation menu



- 1 Enters a POI or address and additional destination entries
- 2 Interrupts route guidance (if route guidance is active)
- 3 Repeats a navigation announcement and switch navigation announcements on or off
- 4 Calls up a menu
 - Showing the route overview, entering intermediate destinations, selecting alternative routes

- Entering intermediate destinations
- Displaying traffic incidents and local area reports
- 5 Makes settings for [View](#), [Messages](#) and [Route](#)
- i The options are not available in all countries.
- i You can enter a destination as a 3 word address from what3words (→ page 338). This option is not available in all countries.

Destination entry

Notes on destination entry

A WARNING Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▲ Only operate this equipment when the traffic situation permits.
- ▲ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

Entering a POI or address Requirements:

Observe the notes on destination entry (→ page 335).

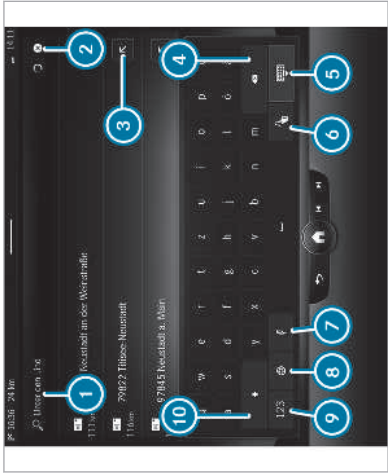
- **For the online search:** Mercedes me connect is available.
- You have set up a user account in the Mercedes me Portal.
- The vehicle has been activated for use of Mercedes me connect and you have accepted the terms and conditions for the service. Further information can be found at: <http://www.mercedes.me>

336 MBUX multimedia system

- The service has been activated.

Multimedia system:

Navigation → Where to?



Example: entering a POI or address

- 1 Input line with current entry
- 2 Deletes an entry

- 3 Puts the search result into the input line and continues entry

- 4 Deletes the last character entered

- 5 Accepts an entry

- 6 Switches to handwriting recognition (→ page 307)

- 7 Switches to MBUX Voice Assistant (→ page 286)

- 8 Sets the written language

- 9 Switches to digits

- 10 Switches to upper-case or lower-case letters

Enter a destination. The entries can be made in any order.

The search results are displayed in a list.

- i Further information on character input (→ page 307).

- i Online search results are provided by online map services.

This online function is not available in all countries.

Example of quick address entry:

- If searching for "Königstraße" in "Stuttgart", for example, enter STUT and KÖN.

- If searching for a POI in London, for example, enter THE SHARD.

The following entries can be made, for example in 1:

- Town, street, house number or street, town
- Postcode
- POI name or POI category, e.g. [Filling station](#)
- Town, POI name
- Phone number or contact name (if available)
- Geo-coordinates (→ page 338)
- 3 word address (→ page 338)

Select a search result.
The route is calculated.

or

Confirm the entry with .

Select the destination in the list.
The route is calculated.

Selecting a destination suggestion Requirements:

- The [Allow destination suggestions](#) option is switched on (→ page 296).

- The multimedia system has gathered sufficient data in order to show destination suggestions.

Multimedia system:

→  [Navigation](#) →  [Where to?](#)

- ▶ Select a destination suggestion.
The route is calculated.

- ▶  Managing destination suggestions (→ page 354).

Selecting previous destinations

Requirements:

- Previous destinations (destinations or routes) are saved.

Multimedia system:

→  [Navigation](#) →  [Where to?](#)

▶  [Previous destinations](#)

- ▶ Select the destination.
The route is calculated.

- ▶  You can save a destination as a favourite (→ page 354).

Selecting a POI

Requirements:

- **For use of personal POIs:** a USB device is connected with the multimedia system.
- Personal POIs with the GPS Exchange format (.gpx) have been saved in the "PersonalPOI" folder on the USB device.

Multimedia system:

→  [Navigation](#) →  [Where to?](#)

- ▶ Select a POI symbol, for example .

or

- ▶ Enter a POI name or a POI category in the entry line.

The search results are displayed, sorted by distance in ascending order. For POIs, online content, e.g. rating and prices, can be shown.

- ▶ Select the POI.
The route is calculated.

Setting a search filter

- ▶ When the search results are displayed, select [Filter](#).

- ▶ Select the search position for example [In the vicinity](#), or the distance from the POI (remaining travelling time).

- ▶ Select [Search results](#).

Selecting from all categories or personal POIs

- ▶ Select .

- ▶ Select a category.

or

- ▶ Select [All categories](#) or [Personal POIs](#).

- ▶ Select the category.

If there are intermediate destinations and [Near destination](#) has been selected, select the destination for which a search is to be made.

- ▶ Select the POI.
The route is calculated.

Configuring categories for quick-access

- ▶ Select .
 - ▶ Select or for a category.
 adds the category.
 - ▶ removes the category.
- or
- ▶ Select **All categories**.
 - ▶ Select the category.
 - ▶ Select or .
- If all available quick-access positions are full, select the category to be replaced.

Selecting a contact for destination entry

Requirements:

- A mobile phone is connected to the multimedia system (→ page 372).
- The contacts from the mobile phone have been downloaded (→ page 382).
- The contact has a navigable address.
- The contact data matches the map data in the digital map.

Multimedia system:

- ▶ ▶ **Navigation** ▶ **Where to?**
 - ▶ ▶ **Contacts**
 - ▶ Select a suggestion or a contact.
- or
- ▶ Enter a name or telephone number into the search field.
 - ▶ Select the contact.
 - ▶ Select the address.

Entering geo-coordinates

Multimedia system:

- ▶ ▶ **Navigation** ▶ **Where to?**
- ▶ Enter the geocoordinates as latitude and longitude.
- ▶ Confirm the entry with .
- ▶ Calculate the route (→ page 340).

Entering the destination as a 3 word address

Requirements:

- An active Internet connection is shown in the status line of the central display with a double arrow symbol.

Multimedia system:

- ▶ ▶ **Navigation** ▶ **Where to?**
 - ▶ Enter the destination as a 3 word address from what3words. Separate each of the words with a full stop (example). The search results are displayed.
 - ▶ Select the destination in the list. The destination address is shown.
- Searching for a destination using 3 word addresses is not possible in all countries and in all languages.

Alternatively, use the following entry options:

- Entry in the global search (→ page 304)
 - Voice navigation (→ page 286)
- Example: during a telephone call you are given a 3 word address. After activation of the MBUX Voice Assistant, say the "Navigate to what three words" voice command and then say the 3 word address **without** separating full stops.



3 word addresses from what3words are an alternative addressing system for multilingual georeferencing of global locations with a resolution of three metres. Using this grid, locations on the Earth's surface are included which do not have a building address such as a street and house number, for example.

The Brandenburg Gate has this language dependent 3 word address:

- German: tapfer.gebäude.verliehen
- English: that.lands.winning
- French: postaux.bobineur.ombrant

- i** 3 word addresses are unique, easy to remember and suffice for most routine applications.
- You can convert addresses to 3 word addresses and back again:
- At the website <https://what3words.com>
 - In the what3words apps

Selecting a destination on the map

Multimedia system:

- ➔ ➔ [Navigation](#)
- ➔ Move the map (→ page 360).
- ➔ Press and hold the touchscreen. Available destinations are displayed.
- ➔ Select the destination in the list.
- ➔ The route is calculated.

- i** You can use further options, for example select [Near POIs](#) or the destination [Share](#).

Selecting a destination from favourites

Requirements:

- Destinations are saved as favourites.

Save a previous destination or a destination suggestion as a favourite (→ page 354).

Multimedia system:

- ➔ ➔ [Navigation](#) ➔ ➔ [Where to?](#)
- ➔ ➔ [Favourites](#)
- ➔ Select a favourite.
- ➔ The route can be calculated.

Editing favourites

To save addresses for home and work:

- ➔ select [Home](#) or [Work](#).
- ➔ Confirm the prompt with [Yes](#).
- ➔ Enter the address (→ page 335).
- ➔ **To save a favourite:** select [Add favourite](#).
- ➔ Enter the address (→ page 335).

- i** If all the favourites are occupied, select the favourite to be overwritten. Follow the instructions provided.

To delete the favourite: select the pen symbol.

➔ Delete the selected favourites or all favourites.

Selecting received destinations

Requirements:

- There is an Internet connection for receiving external destinations.
- A destination has been sent to the vehicle.
- Destinations have been shared from another seat in the vehicle.

Multimedia system:

Navigation >>> Where to?

Received destinations

The vehicle can receive destinations from services or apps or a destination can be shared from another seat. You will be informed when a destination is received.

-  Select a destination.
The route is calculated.
-  You can save a received destination in the favourites (→ page 354).
-  **To delete received destinations:** select the pen symbol.
Delete the selected destination or all destinations.

Route

Calculates a route

After selection of a destination the route is be calculated. The map shows the route. Depending on the selected destination, various options are available to you in the displayed menu.

-  **To share a destination:** select [Share](#).
The option allows a destination to be sent to a rear seat or the displayed QR code to be scanned.
-  **To call the destination:** if a telephone number is available, select [Call](#).
-  **To call up an internet address:** if an internet address is available, select [Website](#).

Adding an intermediate destination to the existing route or starting a new route guidance

If a route already exists, an additional destination is set as an intermediate destination or as a new destination.

-  Select  [Add](#).
The selected destination address is set as the next intermediate destination. Route guidance begins.
-  If there are already four intermediate destinations, confirm the prompt with [Yes](#).
In the route overview, select an intermediate destination that is to be written over with the new intermediate destination.
- or
-  Select .
The selected destination address is set as a new destination. Route guidance begins.
-  **Selecting parking spaces nearby**
Select [Parking nearby](#).
-  **Starting route guidance**
Select .
-  **Saving a destination as a favourite**
Select  [Favourites](#).
Select an option.

Searching for POIs in the vicinity of the destination shown

- ▶ Select  **Near POIs**.
- ▶ Search using categories, enter a search entry or search for a personal POI (→ page 337).

Selecting a route type

Multimedia system:

- ▶  ▶ **Navigation** ▶  ▶ **Route**

The route is calculated as a fast route with a short journey time. The trailer mode can be used if a trailer has been coupled with the vehicle. You can select online routes.

- ▶ **To use online routes:** switch on **Online route**.

- ▶ **To use trailer mode:** select **Trailer**.

A prompt is shown in the multimedia system. Confirm the prompt. The route is optimised for trailer operation with a maximum speed of 80 km/h.

Taking traffic information into account

- ▶ Select **Dynamic route guidance** .
- ▶ Select one of the options.

Explanation of the options:

- **Automatic**
Traffic messages via Live Traffic Information or FM RDS-TMC are taken into account (→ page 354).
Live Traffic Information and FM RDS-TMC are not available in all countries.
- **After asking**
A prompt appears when a new route is detected with a shorter journey time based on traffic reports. You can continue to use the current route or use the dynamic route instead (→ page 341).
- **Off**
No traffic reports are taken into account for the route.

Calculating alternative routes

Multimedia system:

- ▶  ▶ **Navigation** ▶  ▶ **Route**

- ▶ Select Route type.

- ▶ Activate **Alternative Routen berechnen** (Calculate alternative routes).
Alternative routes are calculated for every route.

Accepting a detour recommendation after a prompt

Requirements:

- **After asking** is switched on (→ page 341) in the **DYNAMIC ROUTE GUIDANCE** menu.
- Route guidance is active.
- There are traffic reports for the current route.

If a new route with a shorter driving time is determined, the current and new routes will be shown.

The notification is shown in another application. Confirm the notification.

- ▶ **To accept the new route:** select **Accept recommended detour**.

- ▶ **To maintain the current route:** select **Keep to current route**.

Selecting route options

Multimedia system:

Avoiding or using route sections, e.g. motorways or ferries

▲ Select **Avoid options**.

▲ Activate or deactivate the avoid option.

▲ **Avoid:** the option is activated. The route avoids motorways, for example.

▲ **Use:** the option is deactivated. The route takes motorways into consideration, for example.

❗ The selected route options cannot always be taken into account. Therefore, a route may include a ferry, for instance, even though the **Ferries** avoid option is enabled. A message then appears and you will hear a corresponding message.

Avoiding or using toll roads

The use of toll roads requires a usage fee (toll).

▲ Select **Toll roads**.

▲ Switch **Avoid all** on or off.
If the option is activated, the route avoids toll roads.

If the option is deactivated, the route takes toll roads into account.

or

▲ Select an option for **Payment by cash or card** or **Electronic billing**.

▲ **Avoid:** the route avoids toll roads with the selected method of payment.

▲ **Use:** the route takes into account roads that require a toll corresponding with the payment type selected.

Avoiding or using roads requiring a special toll sticker

A vignette allows for the use of a route network for a limited time period.

▲ Select **Avoid options**.

▲ Select **Vignette roads**.

▲ Switch **Avoid all** on or off.

or

▲ Switch a country off or on in the list.

▲ **Avoid:** the option is activated. The route avoids roads requiring a special toll sticker in the selected countries.

▲ **Use:** the option is deactivated. The route takes into account roads in the selected country which require you to pay a time-based fee (vignette).

❗ These route options are not available in every country.

Avoiding areas

▲ Select **Avoid options**.

▲ Select **Avoid areas** (→ page 362).

Selecting notifications for the route

Requirements:

- **For an audible indication when approaching a personal POI:** the USB device contains personal POIs.
- The USB device is connected with the multimedia system.
- The category in which the personal POI belongs is activated.

Multimedia system:

→ Navigation → Messages

Switching announcements of driving recommendations on/off

Select Driving recommendation.
Select an option.

The following options are available:

- **Acoustic signal only**
In place of the spoken driving instruction you hear a gong. The gong signals an upcoming driving manoeuvre and also sounds during the driving manoeuvre.
- **Reduced**
If a driving instruction is available, you hear a brief announcement, e.g. "turn right".
- **Detailed**
If a driving instruction is available and there is a complex driving situation, you hear a complete announcement, e.g. "In 200 m turn right and continue to follow the major road".

Activate **Announce street names**.
The name of the street into which the vehicle should turn is announced.
This option is not available in all countries and languages.

Switching traffic announcements on/off

Select **Alerts**.
Under **Traffic** switch the options on or off.
The following options are available:

- **Traffic incidents**
Traffic incidents are announced, e.g. roadworks and road blocks.
This option is not available in all countries and languages.
- **Announce traffic warnings**
Traffic warnings are announced, e.g. before the end of traffic jams that pose a risk (if available).
This option is not available in all countries and languages.

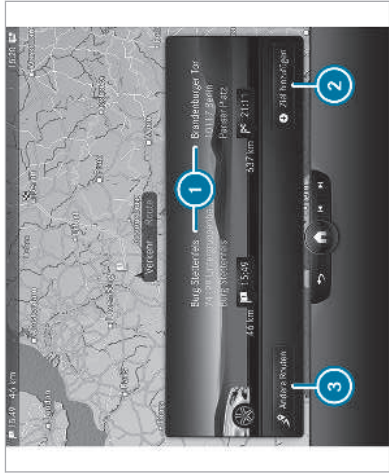
Audible indication when approaching a personal POI

Select **Alerts**.
Select **Personal POIs**.
Activate a category.
When approaching a personal POI in the selected category an audible indication will be issued.

Displaying a route overview

- Requirements:
- A destination is entered.

Multimedia system:



Example: route overview

- 1 Destination information
- 2 Plans routes(→ page 344)
- 3 Selects an alternative route(→ page 345)

When route guidance is active, the destination and entered intermediate destinations are shown.

The following destination information ❶ is displayed:

- Name, destination address
- Remaining driving distance
- Symbol for intermediate destination, destination
- Time of arrival
- Phone number (if available)
- Web address (if available)

The route can include up to four intermediate destinations.

If no route has been selected, the three most probable navigation destinations for destination input are suggested.

- ▶ Select a destination suggestion.
- ▶ The route is calculated.

Planning routes

Multimedia system:



Select ➕ Add destination .

Enter a destination (→ page 335).

After entering the destination and new calculation of the route, the route overview is shown again. The route contains a new intermediate destination.

- ❶ If there are already four intermediate destinations, delete an intermediate destination (→ page 344).

Editing a route with intermediate destinations

Requirements:

- The destination and at least one intermediate destination have been entered.

Multimedia system:



Press and hold on the chequered flag. A menu is shown.

To change the order of the destinations:

select **Move**.

 is highlighted.
Move the destination with  or .

Tap on .

To delete a destination: select **Delete**.

Displaying the route list

Multimedia system:

   **Navigation**



Example: route list

- ① Route section with turning arrow, distance to change of direction and road number
- ② Current vehicle position

The route sections are displayed in the navigation window. The route list is updated during the journey.

To display route sections: open up the route list with  and close it with .
Swipe up or down in the navigation window.

Calculating alternative routes

Multimedia system:

     **Route**

Select **Route type**.

Activate **Alternative Routen berechnen** (Calculate alternative routes).
Alternative routes are calculated for every route.

Selects an alternative route

Requirements:

- A route has already been created.
- The **Alternative Routen berechnen** (Calculate alternative routes) option is switched on .

Multimedia system:

- Navigation
- Alternate routes



Example: alternative routes

- 1 Original route
- 2 Alternative routes

The following route information is displayed:

- Time of arrival
- Driving time
- Distance to the destination
- Driving time saved or lost compared with the original route
- Avoid options based on the set route options

When the alternative routes have been calculated, display the route in the navigation window by swiping to the right or left.

To avoid or use route options: select **Filter**.

Switch the route options on or off (→ page 342).

Confirm the settings.

To start route guidance to the alternative route: select **Start**.

Activating a commuter route

Requirements:

- You have created a profile (→ page 295).
- The **Allow destination suggestions** option is switched on (→ page 296).

- The **Activate commuter route** option is switched on.
- The multimedia system has gathered sufficient data in order to show destination suggestions.
- Routes have been learned for these destination suggestions.

i This commuter route is not available in all countries.

Multimedia system:

- Navigation → Settings → Route

Select **Route type**.

Activate **Activate commuter route**.

The navigation system automatically detects that the vehicle is on a commuter route. It automatically starts a route guidance without spoken driving instructions.

For the daily commuter route, traffic incidents on the route are also reported when driving without active route guidance.

Switching the automatic filling station search on/off

Multimedia system:

→  → Settings → Vehicle

▶ Select Energy functions.

▶ Switch Automatic filling station search on or off.

When the fuel reserve level is reached, and the option is switched on, a message appears to start searching for filling stations.

Starting an automatic filling station search

Requirements:

- The automatic filling station search is activated (→ page 347) .

Driving situation

The fuel level in the fuel tank reaches the reserve fuel level.

The following notification is shown in the central display [Reserve fuelTap here to search for filling stations](#).

▶ Confirm the notification.

The automatic filling station search begins. The available filling stations along the route

or in the vicinity of the vehicle's current position are displayed.

▶ Select a filling station.

▶ Calculate the route with filling station as an  intermediate destination or as a  destination (→ page 340).

▶ **If there are already four intermediate destinations:** select **Yes** in the prompt.

The filling station is entered in the route overview. Intermediate destination 4 is deleted. Route guidance begins.

Starting the automatic service station search

Requirements:

- ATTENTION ASSIST and the [Suggest rest area](#) function are activated (→ page 254).
- There are service stations along the route section ahead.

Driving situation

The following notification is shown in the central display [ATTENTION ASSISTTap here to search for rest areas](#).

▶ Confirm the notification.

The service station search starts. The available service stations along the route or in the vicinity of the vehicle's current position are displayed.

▶ Select a service station.

▶ Calculate the route with service station as an  intermediate destination or as a  destination (→ page 340).

The service station is set as the destination or the next intermediate destination.

▶ **If there are already four intermediate destinations:** select **Ja** (Yes) in the prompt.

The service station is entered in the route overview. Intermediate destination 4 is deleted. Route guidance begins.

Showing a stored route on the map

Requirements:

- A USB device with stored routes is connected with the multimedia system (→ page 424).
- The route is stored in the "Routes" folder with the GPS Exchange format (.gpx).

Multimedia system:

-  Navigation →  Where to?
-  OK →  Stored routes
- Select a route.
- Move the map (→ page 360).

Starting a saved route

Requirements:

- A USB device with stored routes is connected with the multimedia system (→ page 424).
- The route is stored in the "Routes" folder with the GPS Exchange format (.gpx).

Multimedia system:

-  Navigation →  Where to?
-  OK →  Stored routes
- Select a route.
- Select Start route guidance from beginning or Start route guid. from curr. location.
- Route guidance starts.

Recording a route

Requirements:

- A USB device is connected with the multimedia system (→ page 424).

Multimedia system:

-  Navigation →  Where to?
-  OK →  Stored routes

→ **To start recording:** select **Start recording**.
A red recording symbol is shown.

The route is stored on the USB device.

→ **To stop recording:** select **End recording**.

Saving a recorded route

Requirements:

- A USB device is connected with the multimedia system (→ page 424).

Multimedia system:

-  Navigation →  Where to?
-  OK →  Stored routes

→ Select a route.

→ Select  **Favourites**.

→ Select a storage option.

The route is stored in the favourites.

Editing a stored route

Requirements:

- A USB device with stored routes is connected with the multimedia system (→ page 424).

Multimedia system:

-  Navigation →  Where to?
-  OK →  Stored routes

→ **To rename a route:** press on a route until a menu is shown.

→ Select **Change name**.

→ Enter the name.

→ Select **OK**.

or

→ When the name has been changed, press the  button.

→ Select **Yes**.

→ **To delete a route:** select **Delete**.

→ Select **Yes**.

Route guidance

Notes on route guidance

▲ WARNING Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

▲ Only operate this equipment when the traffic situation permits.

▲ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

Route guidance begins once a route has been calculated. The road and traffic rules and regulations always have priority over multimedia sys-

tem driving instructions. Driving instructions are navigation announcements, route guidance displays and lane recommendations.

If you do not follow the driving instructions or if you leave the calculated route, a new route is calculated automatically.

If, for example, the route is diverted or the direction of a one-way road has been reversed, driving instructions may deviate from the actual traffic situation.

For this reason, you must always observe road and traffic rules and regulations during your journey as well as the prevailing traffic conditions.

The route can differ from the ideal route, for example in the event of roadworks or incomplete digital map data.

Notes on satellite reception

The correct function of the navigation system depends amongst other things on reception of the satellite system used. In certain situations satellite reception can be impaired, malfunction or even not possible, e.g. in tunnels or in multi-storey car parks.

Changing direction overview

Changes of direction are shown in the following displays:

- Detailed image of the junction
The display appears when you drive into a junction.
- 3D image
The display appears when driving on junction-free, multi-lane roads, for example on motorway exits and motorway interchanges.



Example: detailed image of the crossing with upcoming changes of direction

- 1 Current distance to the change of direction
- 2 Manoeuvre point
- 3 Current vehicle position



Example: 3D image of the upcoming change of direction

- 1 Manoeuvre point
- 2 Driving manoeuvre
- 3 Current distance to the change of direction
- 4 Current vehicle position

There are three phases when changing direction:

- Preparation phase

If there is enough time between the changes of direction, the multimedia system prepares you for the upcoming change of direction. A navigation announcement is issued, e.g. "Prepare to turn right".

The map appears in full-screen mode.

The status line shows: the direction information or the name of the road which is to be turned into and the distance to the change of direction.

- Announcement phase

The multimedia system announces the upcoming change of direction, e.g. by announcing "Turn right in 100 m".

The display is split into two parts. The map is displayed on the left; on the right, there is a detailed image of the junction or a 3D image of the upcoming change of direction.

- Change-of-direction phase

The multimedia system announces the imminent change of direction, e.g. by announcing "Now turn right".

The display is split into two parts.

3-D image of the upcoming change of direction: The change of direction takes place when the distance to manoeuvre point ❶ is shown with 0 m and the symbol for vehicle position ❷ has reached manoeuvre point ❶.

❶ Changes of direction are also shown in the driver's display.

Lane recommendations overview



Example: lane recommendations

- ❶ Lane not recommended (grey arrow)
- ❷ Possible lane (white arrow)
- ❸ Recommended lane (white arrow, blue background)

This display appears for multi-lane roads.

Lane recommendations can be shown in the navigation window if the digital map contains the relevant data.

Explanation of the displayed lanes:

- Recommended lane
In this lane, you will be able to complete both the next change of direction and the one after that.
- Possible lane
In this lane, you will only be able to complete the next change of direction.
- Non-recommended lane
In this lane, you will not be able to complete the next change of direction without changing lane.

During the change of direction, new lanes may be added. Bus lanes are also shown.

❶ Lane recommendations can also be displayed in the driver's display and in the Head-up Display.

Using motorway information

When driving on the motorway, upcoming motorway facilities and available service facilities are shown in the navigation window. These include car parks, service stations and motorway exits, for example.

The entries are sorted according to increasing distance from the current vehicle position.

- ▶ Select an entry.
- ▶ If several service facilities are available, select a service facility from the list. The destination address and the map position are shown.
- ▶ Calculate the route (→ page 340).
- or
- ▶ Search for a POI in the vicinity.
- or
- ▶ Use other functions, e.g. save the destination address of the service facility.

Destination reached

Once the destination is reached, you will see the  chequered flag. Route guidance will now be complete. The navigation menu is shown.

When an intermediate destination has been reached, you will see the intermediate destination flag with the number of your  intermediate destination. Route guidance is continued.

Switching navigation announcements on/off

▶ **To switch off:** press button  on the steering wheel or on the MBUX multimedia system during a navigation announcement (→ page 305).
The **Spoken driving recommendations have been deactivated**. message appears.

or

- ▶ Show the navigation menu (→ page 334).
- ▶ Select .
- ▶ The symbol changes to .
- ▶ **To activate:** select .
- ▶ The current navigation announcement is played.
- ▶ The symbol changes to .

 This function can be added and called up from the favourites within the navigation category.

Switching navigation announcements on or off during a phone call

- ▶ Press the  button on the steering wheel.
- or
- ▶ Tap on  in the central display.
- ▶ Select **Settings**.
- ▶ Select **System**.
- ▶ Select **Audio**.
- ▶ Select **Navigation and traffic announcements**.
- ▶ Switch **Driving recomm. during call** on or off. When the option is switched on, the display button is activated.
- ▶ **To leave the menu:** select .

Adjusting the volume of navigation announcements

- ▶ Multimedia system:
→  ▶ **Settings** ▶ **System** ▶ **Audio** ▶ **Navigation and traffic announcements**
- ▶ Select **Driving recommendation vol.**.
- ▶ Set the volume.

▲ **To leave the menu:** select .

▲ **Route guidance is active**

▲ Set the volume during a navigation announcement on the steering wheel or under the touchscreen (→ page 306).

▲ **Switching audio fadeout on or off during navigation announcements**

▲ Press the  button on the steering wheel.
or

▲ Tap on  in the central display.

▲ Select **Settings**.

▲ Select **System**.

▲ Select **Audio**.

▲ Switch **Audio fadeout** on or off.

▲ **To leave the menu:** select .

▲ **Repeating navigation announcements**

Requirements:

- A route has already been created.
- Route guidance is active.

Multimedia system:

→ **Navigation**

▲ Select .

▲ Select .

▲ The current navigation announcement is repeated.

▲  This function can be added and called up from the favourites within the navigation category.

▲ **Cancelling route guidance**

Requirements:

- A route has already been created.
- Route guidance is active.

▲ Show the navigation menu (→ page 334).

▲ Select  in the navigation menu (→ page 334).

▲ **Overview of off-road status during route guidance**

Due to roadworks, for example, there may be differences between the data on the digital map and the actual course of the road. In such cases, the multimedia system will temporarily be

unable to locate the vehicle's current position on the digital map. The vehicle is off-road. Route guidance may be restricted.

When the vehicle is back on a road known to the multimedia system, route guidance continues as normal.

Destination

Saving or sharing the current vehicle position

Multimedia system:

→  → **Navigation**

▲ When the map is shown, tap on the .

▲ Select **Store position**.

▲ The current vehicle position is saved to the "Last destinations" memory.

or

▲ Select **Share current position**.

▲ Send the current vehicle position using available apps.

Editing the previous destinations

Multimedia system:

-  Navigation
- Previous destinations

Saving the last destination as a favourite

- ▶ Press and hold on one of the previous destinations.
A menu appears.
- ▶ **To save as a favourite:** select [Save as favourite](#).
- ▶ **To save as "Home" address:** select [Save as "Home"](#).
- ▶ **To save as "Work" address:** select [Save as "Work"](#).

Deleting a previous destination

- ▶ Select .
- ▶ Select the pen symbol.
- ▶ Select [Delete](#) or [Delete all](#).
- ▶ Select [Yes](#).

Managing destination suggestions

Requirements:

- The [Allow destination suggestions](#) option is switched on (→ page 296).
- For the display of destination suggestions: the multimedia system has gathered sufficient data.

Multimedia system:

-  Navigation →  Where to?

- ▶ Press and hold on a destination suggestion.
A menu appears.

To stop displaying a destination suggestion: select one of the display options.

To save a destination suggestion as a favourite: select one of the options for saving.

- ▶  Deleting a destination suggestion from the favourites (→ page 339).

[Route guidance with current traffic reports](#)

Traffic information overview

Current traffic reports are received with the Live Traffic Information subscription service. If the

subscription has expired, then FM RDS-TMC is available in selected countries.

- ▶  Live Traffic Information is not available in all countries.

The service must be registered in the Mercedes me Portal (→ page 355). This secures the free-of-charge period of three years.

Information from the service provider can be shown (→ page 355).

The service updates the traffic situation via the Internet connection at short, regular intervals.

Information on the vehicle's position is regularly sent to Daimler AG. The data is immediately rendered anonymous by Daimler AG and forwarded to the traffic data provider. Using this data, traffic reports relevant to the vehicle's position are sent to the vehicle. The vehicle acts as a sensor for the flow of traffic and helps to improve the quality of the traffic reports.

If you do not want to transmit the vehicle position, you have the following options:

- You deactivate the service in the Mercedes me Portal.

- You have the service deactivated at a Mercedes-Benz service centre.

 Hazard warnings can be received using the Car-to-X service (→ page 357).

Showing information from the service provider for Live Traffic Information

Requirements:

- The vehicle is equipped with Live Traffic Information.

Multimedia system:

→   Mercedes me & Apps
→ Live Traffic Information

Select **Provider information**.
The logo of the service provider is shown.
When the subscription for Live Traffic Information has expired then in selected countries FM RDS-TMC is available.

Registering Live Traffic Information

Requirements:

- The vehicle is equipped with Live Traffic Information.

- You have a user account on the Mercedes me website.

Create a user account at Mercedes me at: <http://www.mercedes.me>. A valid email address is required for this.

Register the vehicle using the vehicle identification number (VIN).

Connect the vehicle with your Mercedes me user account in the Mercedes me Portal. A code is sent to the multimedia system.

Enter the code into the multimedia system.

Accept the general and specific terms of use.

 Alternatively, you can have the connection completed at a Mercedes-Benz service centre.

Extending a Live Traffic Information subscription

Requirements:

- The vehicle is equipped with Live Traffic Information.
- You have a user account on the Mercedes me website.

- ▲ Call up the Mercedes me website.
- ▲ Call up the Mercedes me user account.
- ▲ Switch to the Mercedes me connect online store via the linked vehicle.
- ▲ Select Live Traffic Information.
- ▲ Select the renewal period.
- ▲ Add the product to the shopping basket.
- ▲ Accept the general and specific terms of use.
- ▲ Live Traffic Information remains activated for the selected extension period. Activation begins on the date of extension.

Displaying traffic information on the map

Requirements:

- The **Traffic** display is switched on (→ page 357).
- **Traffic incidents**, **Free-flowing traffic** and **Delay** are switched on (→ page 357).

Multimedia system:

→  

Select **Navigation**.

The map shows the following traffic information:

- Traffic incidents
- These are roadworks, road blocks and hazard warnings, for example.

When route guidance is active, the symbols for traffic incidents will be shown in colour on the route. Off the route they are grey.

- Warning message symbols

 symbols and traffic safety information, e.g. people on the carriageway

If the vehicle approaches a danger area, a warning message is displayed on the map. In addition, an announcement can alert you to a hazard warning.

- Traffic flow information:
 - traffic jam (red line)
 - slow-moving traffic (orange line)
 - heavy traffic (yellow line)
 - free-flowing traffic (green line)
- Display for traffic delays on the route lasting at least one minute

Displaying traffic incidents Requirements:

- The [Traffic incidents](#) display is switched on (→ page 357).

Multimedia system:

- ▶  ▶ Navigation
- ▶  ▶ Map symbols

If there are traffic incidents on the route, these are shown on the route overview.

If available, the following information is displayed:

- Road number/road name, road section and direction
- Traffic incident symbol ( roadworks)
- Coloured on the route
- Distance from the current vehicle position
- Cause
- Delay
- Detailed information (if available)



- ▶ Tap on a symbol. Swipe to the right or left to see the complete route.
The detail information is displayed.

Showing traffic incidents in the vicinity of the map

- ▶ Tap on a traffic incident symbol.
The detail information is displayed.

Switching the traffic information display on

Multimedia system:



Navigation



Map symbols.

The display button is activated.

Select **Advanced**.

Select **View**.

Select **Map symbols**.

Switch on **Area with traffic restrictions, Traffic incidents, Free-flowing traffic and Delay**.

Current traffic restrictions and traffic incidents, for example roadworks, local area reports (e.g. fog) and warning messages, are shown.

The traffic delay is displayed for the current route. Traffic delays lasting one minute or longer are taken into consideration.

Car-to-X-Communication

Car-to-X-Communication overview

The following requirements apply for the Car-to-X-Communication service:

- The vehicle is equipped with a multimedia system featuring navigation and a communication module with an activated, integrated SIM card.
- There is a subscription for the Live Traffic Information service.
- The Car-to-X-Communication service is activated in the Mercedes me portal.

 Car-to-X-Communication is available in selected countries.

The communication module automatically establishes an Internet connection once the ignition is switched on. If there are any hazard warnings, they will be provided shortly thereafter. Depending on the mobile phone connection, the provision takes place from within a second up to about a minute.

Benefits of Car-to-X-Communication:

- Dangers are automatically detected by the vehicle or can be reported by the driver. These are then sent to vehicles with Car-to-X-Communication in the immediate vicinity.
- If available, current details relating to hazard spots near the vehicle's current position are received.

This gives you sufficient time to adapt your driving style to the traffic conditions.

The use of Car-to-X-Communication requires the regular transmission of vehicle data to Mercedes-Benz AG. The data is then immediately pseudonymised by Mercedes-Benz AG. The vehicle data is deleted after an appropriate amount of time has elapsed (several weeks) and is not stored permanently.

 Data which serves as identification is replaced during the pseudonymisation process. In this way, your identity is protected against access by unauthorised third parties.

Displaying hazard warnings

Multimedia system:



Navigation

If hazard warnings are available these can be shown as symbols on the map. The display depends on the settings for the [Traffic incidents](#) option.

- ▶ Set the option via (→ page 357). If the option is activated, all of the symbols are shown.
 - ▶ If the option is deactivated, the symbols are only shown when there is a hazard warning.
- The following hazards are shown on the map, for example:

- Accidents and breakdowns
- Fog and ice
- People on a motorway carriageway
- Vehicle driving on a road in the wrong direction
- Hazards reported manually
- Hazard warning lights
- Mobile roadworks

If the vehicle is approaching a hazard spot at a minimum speed, a voice message is issued.

- ▶ For weather hazards there is no voice output.

Sending hazard warnings

Automatically detected hazard warnings are sent by the vehicle.

- ▶ **To report a hazard manually:** when the map is shown, tap on the current vehicle position . The [Position](#) menu is shown.
- ▶ Select [Report traffic incident](#). A prompt is shown.

- ▶ Select [Yes](#). The [Thank you for supporting accident prevention!](#) message appears.

- ▶ **To report hazards with the MBUX Voice Assistant:** say the "Hey Mercedes, hazard on the road" voice command.

- ▶ Confirm the hazard warning. The [Thank you for supporting accident prevention!](#) message appears.

The following hazards can be reported:

- Broken-down vehicles
- Accidents
- Hazards
- People
- Animals
- Objects
- Potholes
- Aquaplaning
- Slippery roads

[Route guidance with augmented reality](#)

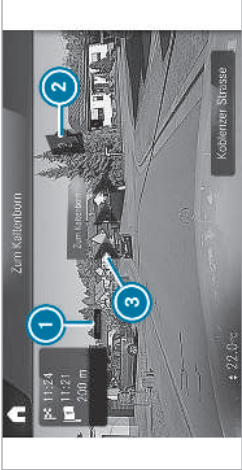
Overview of route guidance with augmented reality

WARNING Risk of accident and injury as a result of distraction, incorrect depiction or wrong interpretation of the display

The camera image of the augmented reality display is not suitable as a guide for driving.

- ▲ Always keep an eye on the actual traffic situation.
- ▲ Avoid extended observation of the camera image.

During route guidance with augmented reality a camera image with the real traffic scene is shown in the central display before a turning manoeuvre.



- ① Street name
- ② House number
- ③ Change of direction arrow

Route guidance with augmented reality may not be available in some situations, e.g. in the event of poor satellite reception or roads which have not been digitised.

Route guidance with augmented reality is not available in all countries.

The camera image can contain the following additional information:

- Change of direction arrow
- Street names
- House numbers

Activating route guidance with augmented reality

⚠ WARNING Risk of accident and injury due to inaccurate positioning of the additional information

The additional information from the augmented reality display cannot replace observation of the actual driving situation.

- ▲ Keep the actual driving situation continuously in view during all driving manoeuvres.

Requirements:

- Route guidance is active.

Multimedia system:



Tap on .
The indicator lamp lights up blue.
The camera's video image is shown in the central display before a turning manoeuvre.
The video image includes additional information.

To return to the navigation map: tap on  again.
The indicator lamp is not lit.

Showing property information for route guidance with augmented reality

Requirements:

- Augmented reality is activated (→ page 359).

Multimedia system:



Select View.

Select Augmented Reality.

Activate Street names and House numbers.
During route guidance, the activated options are shown as additional information in the camera image.

Map and compass

Setting the map scale

Multimedia system:



Zooming in

When the map is shown, tap twice quickly with one finger on the central display.

or

Move two fingers apart on the central display.

Zooming out

Tap with two fingers on the central display.

or

Move two fingers together on the central display.

 You can set the unit of measurement of the map scale (→ page 327).

Moving the map

Multimedia system:



When the map is shown, touch the media display and move a finger in any direction. The map moves in the opposite direction.

The following functions are available:

- Select a destination on the map (→ page 339).
- Select a POI (→ page 337).
- Show traffic incidents on the map (→ page 356).

To reset the map to the current vehicle position: select  Centre.

Selecting the map orientation

Multimedia system:



Select View.

Select Map orientation.

Select an option.

The  dot indicates the current setting.

The following options are available:

- **2D heading up** option: the 2D map view is aligned to the direction of travel.
- **2D north up** option: the 2D map view is displayed so that north is always at the top.
- **3D** option: the 3D map view is aligned to the direction of travel.

or

To use quick-access: repeatedly tap or press on the  compass symbol on the map.

The view changes in the sequence **3D, 2D heading up** to **2D north up**.

If the map is moved, it can switch between 3D and 2D north up.

Selecting POI symbols for the map display

Multimedia system:

- Navigation

POIs include restaurants and hotels, for example. These can be displayed as symbols on the map. Not all POIs are available in all countries. Personal POIs are destinations which you have saved on a USB device, for example.

The display of POI symbols on the map can be activated or deactivated as a favourite.

- Select View.
- Select Map symbols.
- Select POI symbols.
- Switch Display POIs on or off.
- The POI symbols for the selected categories are shown on the map.

Switching display of categories for quick access on/off

- Switch a category on or off in the menu.

Selecting categories

- Select in the All categories menu.
- Switch Show all on or off.
- When the option is switched on, the POI symbols for all categories are shown on the map.

or

- Select the categories.
- Activate or deactivate the categories.
- The POI symbols for the selected categories are shown on the map.

Selecting personal POI categories

- Select in the Personal POIs menu.
- Select a category.
- Switch Display on the map on or off.
- When the display is switched on and the vehicle approaches a personal POI in this category, a visual and audible notification can be issued.

Indication when approaching: switch Acoustic notification and Visual warning on or off.

Resetting the POI symbol display

- Select Reset POIs in the menu.
- The settings are reset to the standard settings.

Selecting the display of text information in the map

Multimedia system:

- Navigation

Select View.

Select Text information.

- Switch an option on or off.
- The current road is displayed in the navigation window. The scale and the elevation appear on the map.

Displaying the next intersecting street

Requirements:

- Route guidance is not active.

Multimedia system:

- Navigation

Select View.

Select Text information.

- ▶ Activate [Next junction](#).
If the option is switched on and the journey continues without route guidance, the name of the next intersecting street will be displayed in the navigation window.

Displaying the map version

Multimedia system:



▶ [Navigation](#) ▶

Select [View](#).

Select [Map data version](#).

The detail information is displayed.

- ① The online map update service from Mercedes me connect can be used to update the map data (→ page 363).
A message is shown in the central display when a new map version is available.

- ① Information about new versions of the digital map can be obtained from a Mercedes-Benz service centre.

Overview of avoiding an area for the route

You can define areas along a route that you would like to avoid.

Motorways or multi-lane expressways, which are routed through an area to be avoided are taken into account for the route.

Avoiding a new area for the route

Multimedia system:



▶ [Navigation](#) ▶

▶ [Avoid options](#) ▶ [Avoid areas](#)

▶ Select [Avoid new area](#).

To start in the map: select [Using map](#).

A red rectangle appears. This designates the area that should be avoided.

Move the map (→ page 360).

Set the map scale (→ page 360).

Select [OK](#).

The area is entered into the list.

To start via destination search: select [Via address entry](#).

Enter the address (→ page 335).

Select the destination in the list or accept with [OK](#).

The map appears. The area is saved.

Changing an area to be avoided

Multimedia system:



▶ [Navigation](#) ▶

▶ [Avoid options](#) ▶ [Avoid areas](#)

▶ Select an area in the list.

Select [Edit](#).

To move an area on the map: swipe in any direction on the central display.

To change the size of the area: tap on the central display.

Select [OK](#).

The area is entered into the list.

To take account of an area for the route: select an area from the list.

Activate [Avoid area](#).

If route guidance is active, a new route is calculated.

If there is no route yet, the setting is carried over to the next route guidance.

The route can include an area that is to be avoided in the following cases:

- the destination is located in an area that is to be avoided.
- the route includes motorways or multi-lane expressways which pass through an area to be avoided.
- there is no sensible alternative route.

Deleting an area

Multimedia system:

→ Navigation → ⚙️ → Route
→ Avoid options → Avoid areas

▶ **To delete an area:** select an area in the list.

▶ Select **Delete**.

▶ Confirm the prompt with **Yes**.

▶ **To delete all areas:** if at least two areas to avoid are set, select **Delete all**.

▶ Confirm the prompt with **Yes**.

Map data update overview

The digital maps generated by the map software become outdated in the same way as conventional road maps. Optimal route guidance can

only be provided by the navigation system in conjunction with up-to-date map data.

The following options are available for the update:

- Online map update
 - Update at a Mercedes-Benz service centre
- Additional costs can be incurred in this process.

Online map update

Requirements:

- Mercedes me connect is available.
- You have a user account for the Mercedes me Portal.
- The service is available.
- The service has been activated.

 The online map update service is not available in all countries.

The following options are available:

- Automatic map update for Europe
- The update is carried out based on the vehicle position. If a route goes through several

countries, for example, all available map updates for the route are downloaded.

A restart of the navigation system is required to use the downloaded map data. You will receive a message for this, which you can confirm.

- Manual map update for several or all regions
- The map data will first be downloaded onto a storage medium and then updated on the multimedia system.

You can find more information here:

- At any Mercedes-Benz service centre
- Under: <https://www.mercedes.me>

Further information on updates can be found at: https://moba.i.daimler.com/markets/ece-row/baix/cars/connectme/en_GB/#emotions/Startseite.html.

Overview of map data

Your vehicle is supplied with map data at the factory. Depending on the country, map data for your region is either pre-installed or the map data is supplied on a data storage medium.

If the map data on your vehicle has been installed at the factory and you wish to reinstall it, you do not need to enter the activation code.

For map data that you have purchased in the form of a data storage medium, you must enter the accompanying activation code.

- ① If you save the map data on a data storage medium with the online map update service, no entry is required. The activation code is stored on the data storage medium during the downloading process.

Observe the following when entering the activation code:

- The activation code can be used for one vehicle
- The activation code is not transferable
- The activation code has six digits

In the event of the following problems, please contact a Mercedes-Benz service centre:

- The multimedia system does not accept the activation code
- You have lost the activation code

Displaying the compass

Multimedia system:



When the map is shown, press on the  until the **Position** menu is shown.

Select **Compass**.

The compass display shows the following information:

- the current direction of travel with bearing (360° format) and compass direction
- longitude and latitude coordinates in degrees, minutes and seconds
- number of satellites from which a signal can be received

The information is not available in every country.

Displaying Qibla

Multimedia system:



When the map is shown, press on the  until the **Position** menu is shown.

Select **Qibla**.

The arrow on the compass shows the direction to Mecca in relation to the current direction of travel.

The number of satellites received is shown.

① This function is not available in all countries.

Setting the map scale automatically

Multimedia system:



Select **View**.

Select **Map orientation**.

Activate **Auto zoom**.

The display button is activated. The map scale is set automatically depending on your driving speed and the type of road.

- ❗ The automatically selected map scale can be changed manually. After a few seconds, this is automatically reset.

Displaying the satellite map

Multimedia system:



Select View.

Select Map symbols.

Switch Satellite map on or off.

If the display button is activated, satellite maps are displayed in map scales from 2 km. If the display button is deactivated, satellite maps are not displayed in map scales from 2 km to 20 km.

- ❗ The satellite maps for these map scales are not available in all countries.

Displaying the range

Requirements:

- The multimedia system supports the function.

Multimedia system:



Select View.

Select Map symbols.

Activate Range.

The range is shown on the map with the following displays:

- For petrol and diesel vehicles: green display

When the lower reserve capacity is reached then the range display on the map is switched off.

- ❗ The range display on the map is not available in all countries.

Displaying weather information and other

online map contents

Requirements:

- Mercedes me connect is available.
- You have a user account for the Mercedes me Portal.
- The service is available.
- The service has been activated.

Multimedia system:



Select View.

Select Map symbols.

Switch on an online service, e.g. Weather.

Current weather information is displayed on the navigation map, e.g. temperature or cloud cover. The service information is not shown in all map scales, e.g. weather symbols.

Further information about available services and about displaying information in the map scales can be found at: <https://www.mercedes.me>

- ❗ Weather information is not available in all countries.

Parking service

Selecting parking options



NOTE Before selecting the parking option

The data is based on information provided by the respective service provider.

Mercedes-Benz accepts no liability for the accuracy of the information provided relating to the multi-storey car park/parking area.

 Always observe the local information and conditions.

Requirements:

- The navigation services option is available, subscribed to and activated in the Mercedes me Portal.
- The parking service is within the scope of the navigation service.
- **Parking** is activated (→ page 366).

Multimedia system:



▶▶ **Navigation**

Tap on **P** in the map.

Select a parking option.

The map shows the parking options in the vicinity.

The following information is displayed (if available):

- Destination address, distance from current vehicle position and arrival time
- Information on the multi-storey car park/car park

For example, opening times, parking charges, current occupancy, maximum parking time, **maximum access height**.

The maximum access height shown by the parking service does not replace the need for observation of the actual circumstances.

- Available payment options (Mercedes pay, coins, bank notes, cards)
- Details on parking tariffs

- Number of available parking spaces
- Payment method (e.g. at the parking machine)
- Services/facilities at the parking option
- Telephone number

Calculate the route (→ page 340).

The following functions can also be selected (if available):

- Search for POIs in the vicinity.
- Save the destination.
- Place a call at the destination.
- Share the destination using NFC or QR code.
- Call up the web address.
- Show the destination on the map.

Displaying parking options on the map

Requirements:

- The navigation services option is available, subscribed to and activated in the Mercedes me Portal.
- The parking service is within the scope of the navigation service.

Multimedia svstem:



▶ Activate Parking.

The parking options within the vicinity of the current vehicle position are shown.

Paying parking charges

Requirements:

- The navigation services option is available and activated in the Mercedes me Portal. The parking service is within the scope of the navigation service.
- You have registered with your payment details for the payment of parking in the Mercedes me Portal with Mercedes Pay and the respective contract partner.
- **Parking** is activated (→ page 366).

Multimedia system:



This option is not available in all countries.

-  Select a parking option on the map.

If a car park that can be paid for has been selected, scroll down in the parking details. Select [Pay](#).

Once the vehicle has reached a parking position with payment function and the ignition is switched off, a message appears.

To start the payment process: confirm the message.

Please note the maximum parking period displayed and any existing additional limitations. If required, a message will inform you about the necessity of displaying information confirming the online payment for the parking space.

Select Start the payment process.

If required, enter the personalised PIN.

Press to confirm.

The successful start of your parking transaction is shown.

Complete the booking with OK.

To cancel the booking: select **Cancel** when you receive the confirmation message. Minimum charges may be incurred.

To end the booking: stop the active transaction via the Mercedes Me app.

If an active parking procedure for your vehicle is detected when you continue driving, a message appears asking if you wish to end this parking procedure.

Acknowledge the message.

When the parking procedure is stopped successfully, another message appears with the details about your completed parking procedure.

Dashcam

Notes on the dashcam

NOTE Before using the dashcam

Before using any or all functions of the Dashcam, please read this Disclaimer carefully. If you do not accept, agree to or understand this Disclaimer, please do not use the Dashcam. By using the Dashcam, you are deemed to have accepted and agreed to the contents of this Disclaimer.

As manufacturer of the vehicle, we provide you with the device and associated software system of the Dashcam to provide you with the functionalities that we consider you may wish to have while using the Dashcam. We are unable to predict or verify whether any image(s) or geographic information captured or recorded during your use of the Dashcam is legitimate. As such, we are unable to take responsibility for any adverse consequences that may arise from the actual image(s) or geographic information captured or recorded during use of the Dashcam.

Warning: please comply with all applicable laws and regulations when you use the Dashcam. For example, please do not capture or record image(s) or geographic information which may be considered as state secret sensitive information (e.g. military areas). In case of any violations of the relevant laws and regulations, the actual user will be liable for the corresponding responsibilities and we will not take responsibility for any misuse of the Dashcam.

- ▶ Observe the country-specific regulations.

Selecting a USB device for a video recording with the dashcam

Requirements:

- At least one USB device is connected with the multimedia system (→ page 424).

Multimedia system:

- ▶  ▶ Mercedes me & Apps
- ▶ Dashcam

- ▶ Select the USB symbol.

- ▶ Select the USB device.

Starting/stopping video recording with the dashcam

Requirements:

- A USB device is connected with the multimedia system (→ page 424).
- The ignition is switched on.

Multimedia system:

- ▶  ▶ Mercedes me & Apps
- ▶ Dashcam

- ▶ If several USB devices are connected with the multimedia system, select the USB device (→ page 368).

If no USB device is selected, a selection is made automatically when recording starts.

To select a recording mode: select Loop recording or Individual recording.

Loop recording records several short video files. When the memory is full, the oldest video file is deleted and the recording continues automatically.

Individual recording stops recording when the memory limit is reached. An individual recording is automatically protected against being overwritten.

▶ **To start:** select **Start recording**.

The length of the recording is shown. The **Please do not remove the storage medium** message appears. The video file is stored on the USB device.

▶ **To end:** select **End recording**.

A report may appear in the following cases:

- **Individual recording:** the memory is full or there are only a few minutes recording time available. The video recording stops or will be stopped imminently.

Change the USB device or delete a video file.

- The camera is not functional, the **Camera unavailable** message appears.

Have the camera checked in a Mercedes-Benz service centre.

- If the country border indication has been switched on (→ page 369).

Deleting a dashcam video recording

Requirements:

- A USB device with video recordings is connected with the multimedia system (→ page 424).

Multimedia system:

▶  ▶ **Mercedes me & Apps**
▶ **Dashcam**

▶ Select .

The **Recordings** menu appears.

Deleting individual video files

▶ Select .

Select **Delete**.

Select **Yes**.

Switching write protection on or off

▶ Select .

▶ Select **Write protection**.

Deleting all video files

▶ In the status line  select **Recordings**.

▶ Select **Delete all entries**.

Configuring dashcam settings

Requirements:

- A USB device is connected with the multimedia system (→ page 424).

Multimedia system:

▶  ▶ **Mercedes me & Apps**
▶ **Dashcam**

▶ Select .

▶ **To show messages after passing a national border:** switch on **National border alert**.

A message is shown if video is being recorded and the vehicle passes a border.

ⓘ This function is not available in all countries.

▶ **To start automatic video recording:** select **Automatic video recording**.

- ▶ Activate [Automatic video recording](#).
When the vehicle is started, video recording starts automatically.
- ⓘ This function is not available in all countries.

Telephone
Telephony

Notes on telephony

**WARNING**

Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road

and traffic conditions and operate the equipment with the vehicle stationary.

**WARNING**

Risk of an accident from operating mobile communication equipment while the vehicle is in motion

Mobile communications devices distract the driver from the traffic situation. This could also cause the driver to lose control of the vehicle.

- ▶ As the driver, only operate mobile communications devices when the vehicle is stationary.
- ▶ As a vehicle occupant, only use mobile communications devices in the areas intended for this purpose, e.g. in the rear passenger compartment.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communication equipment in the vehicle.

**WARNING**

Risk of injury due to objects being stowed incorrectly

If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open stowage spaces and mobile phone receptacles cannot always retain all objects they contain.

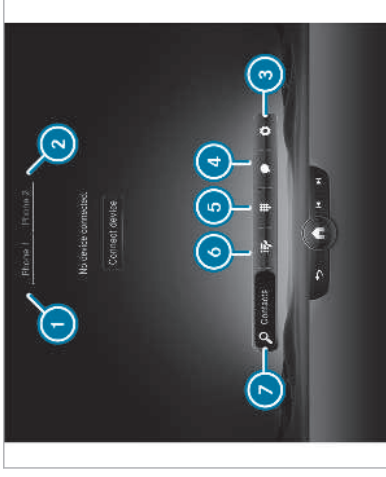
There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

- ▶ Always stow objects so that they cannot be thrown around in such situations.
- ▶ Always make sure that objects do not protrude from stowage spaces, luggage nets or stowage nets.
- ▶ Close the lockable stowage spaces before starting a journey.
- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the boot/load compartment.

Observe the additional information on stowing mobile communications devices correctly:

- Loading the vehicle (→ page 119)
Further information can be obtained from a Mercedes-Benz service centre or at: <https://www.mercedes-benz-mobile.com/>

Telephone menu overview



- 1 Bluetooth® device name of the currently connected mobile phone / of the mobile phone
- 2 Bluetooth® device name of the currently connected mobile phone / of the mobile phone (two phone mode)
- 3 Options

- 4 Messages
- 5 Numerical pad
- 6 Jumps to the telephone contents: e.g. call lists, contact lists, favourites
- 7 Contact search

Bluetooth® profile overview

Bluetooth® profile of the mobile phone	Function
PBAP (Phone Book Access Profile)	Contacts are automatically displayed in the multimedia system
MAP (Message Access Profile)	Message functions can be used

Bluetooth® profile of the mobile phone	Function
HFP (Hands Free Profile)	Wireless telephony is available
SAP (SIM Access Profile)	The auto-telephone has access to the SIM card data and dials into the mobile phone network via the exterior aerial

Telephony operating modes overview

Depending on your equipment, the following telephony operating modes are available:

- A mobile phone is connected to the multimedia system via Bluetooth® (→ page 372).
- Two mobile phones are connected with the multimedia system via Bluetooth® (two phone mode) (→ page 373).
 - You can use all the functions of the multimedia system with both mobile phones.
- Car telephony is set up (→ page 376).

 Irrespective of this, Bluetooth® audio functionality can be used with any mobile phone (→ page 425).

Information on telephony

The following situations can lead to the call being disconnected while the vehicle is in motion:

- there is insufficient network coverage in the area
- you move from one transmission/reception station to another and no communication channels are free
- the SIM card used is not compatible with the network available
- a mobile phone with "Twincard" is logged into the network with the second SIM card at the same time

The multimedia system supports calls in HD Voice® for improved speech quality. A requirement for this is that the mobile phone and the mobile phone network provider of the person you are calling support HD Voice®.

Depending on the quality of the connection, the voice quality may fluctuate.

Connecting a mobile phone Requirements:

- Bluetooth® is activated on the mobile phone (see the manufacturer's operating instructions).
- Bluetooth® is activated on the multimedia system (→ page 323).

Multimedia system:



Searching for a mobile phone

 Select  [Connect device](#).

Authorising a mobile phone

-  Select a mobile phone.
-  A code is displayed in the multimedia system and on the mobile phone.
-  **If the codes match:** confirm the code on the mobile phone.

 For older mobile phone models, enter a one to sixteen-digit number code on the mobile phone and on the multimedia system for authorisation.

 Up to 15 mobile phones can be authorised on the multimedia system. Authorised mobile phones are reconnected automatically.

 The connected mobile phone can also be used as Bluetooth® audio equipment (→ page 425).

Connecting a second mobile phone (two phone mode)

Requirements:

- At least one mobile phone is already connected to the multimedia system via Bluetooth®.

Multimedia system:

 →  >> Phone >> 
 >> Device manager >> My devices
 Select Connect new device.
 Select the mobile phone.

 In some cases, if the query appears, confirm the selection of the mobile phone pair with the **Device name 1 + Device name 2** option. The selected mobile phone is connected to the multimedia system.

Interchanging mobile phones (two phone mode)

Multimedia system:

 →  >> Phone

Both mobile phones are shown individually in separate tabs.

 Select the tab with the desired mobile phone.

Selecting the tab of a specific mobile phone displays the associated telephone contents.

Selecting the other tab switches the view to the other telephone.

The submenus in the telephone menu (e.g. contacts, call lists, messages) relate to the currently selected mobile phone with the exception of the telephone settings. In the telephone settings, settings can be made for both mobile phones.

Changing the function of a mobile phone

Multimedia system:

 →  >> Phone >> 
 >> Device manager >> My devices

Activating a function

 Select a grey symbol in the line of a mobile phone.
The corresponding function is activated.

Deactivating a function

 **One function is active:** select the coloured symbol in the line of a mobile phone.
The mobile phone is disconnected from the multimedia system.

 **Several functions are active:** de-select an active function in the line of one of the mobile phones.
The corresponding function is deactivated.

Replacing mobile phones

Multimedia system:

- ➔ ➔ ➔ Phone ➔ ⚙
- ➔ Device manager

▶ **No authorised mobile phone available:** select **Connect new device**.

▶ Select a mobile phone.

▶ **Newly authorised mobile phone:** confirm the number code on the mobile phone.

Using in single telephone mode

▶ Select **Device name**.

A newly authorised mobile phone is connected in single telephone mode.

If the mobile phone has already been authorised and connected in single telephone mode, it is connected again in single telephone mode.

If a mobile phone is already authorised and has been connected in two phone mode with another mobile phone, a query may come, whether the mobile phone should in future be operated in single telephone mode or con-

nected with another mobile phone in two phone mode.

▶ If required, confirm the query about operating mode (single telephone or two phone mode) by confirming the **Device name** option.

Using in two phone mode

▶ Select **Device name 1 + Device name 2**.

A newly authorised mobile phone is connected with the selected mobile phone in two phone mode.

If the mobile phone has already been authorised and connected in single telephone mode, it will be connected in future with the selected mobile phone in two phone mode.

If the mobile phone was previously connected with another mobile phone, this connection is cancelled.

Disconnecting/deleting a mobile phone

Multimedia system:

- ➔ ➔ ➔ Phone ➔ ⚙
- ➔ Device manager ➔ My devices

▶ Select **...** in the line of the mobile phone.

▶ **To disconnect:** select **Disconnect**.

If applicable, the mobile phone will be automatically reconnected when the vehicle is next started.

▶ **To delete:** select **Delete device**.

The mobile phone is deleted from the system.

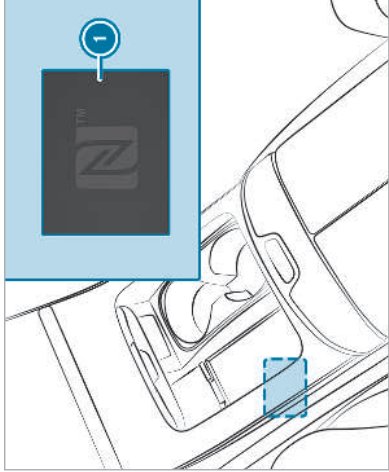
Information on Near Field Communication (NFC)

NFC enables short-range wireless data transfer or (re)connection of a mobile phone with the multimedia system.

Further information can be obtained at: <https://www.mercedes-benz-mobile.com/>

Using a mobile phone with Near Field Communication (NFC) Requirements:

- NFC is activated on the mobile phone (see the manufacturer's operating instructions)
- The mobile phone's screen is switched on and unlocked (see the manufacturer's operating instructions)



▲ **To connect a mobile phone:** place the NFC area of the mobile phone (see manufacturer's

er's operating instructions) on NFC touch-point 1.

Follow the additional prompts on the central display to connect the mobile phone. Connect the mobile phone in single telephone mode (→ page 372). Connect the mobile phone in two phone mode (→ page 373).

To replace a mobile phone: hold the NFC area of the mobile phone (see manufacturer's operating instructions) on mat 1 or place the mobile phone on it.

Follow the additional prompts on the central display to replace the mobile phone in one or two phone mode (→ page 373).

If required, confirm the prompts on your mobile phone (see the manufacturer's operating instructions).

▲ **i** If your mobile phone supports wireless charging, it can be charged automatically on the mat (→ page 139).

Further information can be found at: <https://www.mercedes-benz-mobile.com/>

Setting the reception and transmission volume

Requirements:

- A mobile phone is connected (→ page 372).

Multimedia system:

→ Phone >> >> <device name>

This function ensures optimal language quality.

i Please note that the respective mobile phone must be selected for adjustment of the reception and transmission volume.

▲ Select **Volume**.

▲ Set the reception and transmission volume using **Reception volume** and **Transmission volume**.

Further information on the recommended reception and transmission volume: <https://www.mercedes-benz-mobile.com/>

Setting the ringtone

Multimedia system:



>> <device name>

Select Ringtones.

Set the ringtone.

- If the mobile phone supports the transfer of the ringtone, you will hear the ringtone of the mobile phone instead of that of the vehicle.

Starting/stopping mobile phone voice recognition

Requirements:

- At least one mobile phone is connected to the multimedia system (→ page 372).
- The tab with the mobile phone for which voice recognition should be started is selected (→ page 373).

Starting mobile phone voice recognition

- Press and hold the  button on the multifunction steering wheel for more than one second.

Voice recognition is started for the currently selected mobile phone.

Stopping mobile phone voice recognition

- Press the  or  button on the multifunction steering wheel.

- If a mobile phone is connected via Smartphone Integration, the voice recognition of this mobile phone is always started or stopped.

Car telephony

Overview of car telephony operating modes

Car telephony offers you the following operating modes:

- Using a mobile phone with Bluetooth® profile SAP (**SIM Access Profile**) (→ page 377)
- Using SIM card (→ page 378)

- Using SIM card in combination with a specific mobile phone
This operating mode is mainly intended for those using multiple SIM cards. As soon as the mobile phone associated with the SIM card is connected with the multimedia system in the vehicle, the SIM card is automatically activated for car telephony. The association of the SIM card with the set mobile phone prevents automatic activation of car telephony via the SIM card if the vehicle is borrowed by other persons, for example (→ page 378).

Symbols of car telephony



- ① Mobile phone is only used in combination with SIM Card
- ② Car phone connected
- ③ Car telephony malfunctioning (check the status of the SIM card PIN (→ page 378))

Setting up car telephony with a mobile phone via Bluetooth® SAP

Requirements:

- Bluetooth® is activated on the mobile phone (see the manufacturer's operating instructions).
- Bluetooth® is activated on the multimedia system (→ page 323).
- The mobile phone supports the Bluetooth® profile SAP (**SIM Access Profile**).

Multimedia system:



Select **Phone**.

Select **Connect device**.

Select a mobile phone with the SAP Bluetooth® profile.

Connect the mobile phone with the multimedia system via Secure Simple Pairing or the passkey (→ page 372).

Enter the SIM card PIN and confirm.

① If the mobile phone is connected as a car phone, calls cannot be made on the mobile

phone, since its SIM card is being used by the vehicle.

① Connect the mobile phone to the vehicle hotspot for data reception .

Changing between Bluetooth® telephony and car telephony via the SAP Bluetooth® profile

▲ **To change to Bluetooth® telephony:** select the symbol in the line of the mobile phone in the device manager.

Select **Use as Bluetooth phone**.

The mobile phone is no longer connected via the Bluetooth® SAP profile but via the Bluetooth® HFP profile (**Hands Free Profile**).

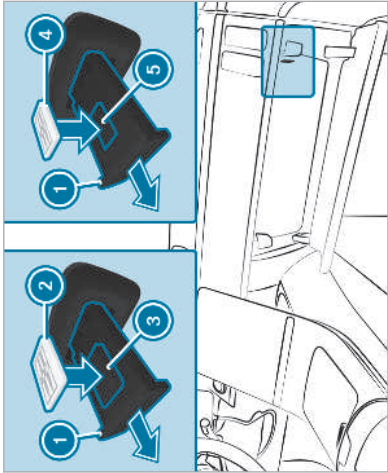
▲ **To change to car telephony via the Bluetooth®SAP profile :** select the symbol in the line of the mobile phone in the device manager.

Select **Use as car phone**.

The mobile phone is connected using the SAP Bluetooth® profile.

① This option is only shown if the mobile phone supports the Bluetooth® SAP profile.

Setting up car telephony via SIM card



Open SIM card holder loading drawer ① in the glove compartment .

To use the mini SIM card: place mini SIM card ② in corresponding card slot ③. The active side of the SIM card holder has the contacts facing upwards.

or

To use the nano SIM card: place nano SIM card ④ in corresponding card holder ⑤. The active side of the SIM card holder has the contacts facing upwards.

If required, confirm that mobile phones already connected should be disconnected. If required enter and confirm the SIM card PIN.

To always use a SIM card: answer the SIM card connected Do you want to use this SIM card with only one specific device? query with No.

Incoming and outgoing calls are available in the vehicle's multimedia system using the SIM card.

Every time the vehicle is started, the SIM card is automatically connected and logged into the radio cell.

In addition to the SIM card another mobile phone can be connected in two phone mode (→ page 373).

To use the SIM card only in combination with a specific mobile phone: answer the SIM card connected Do you want to use this

SIM card with only one specific device? query with Yes.

Select a mobile phone that has been authorised or connect a new mobile phone. Incoming and outgoing calls are available in the vehicle's multimedia system using the SIM card.

The SIM card only logs into the radio cell when the associated mobile phone is connected. The associated mobile phone can be changed in the settings for the SIM card (→ page 379).

Checking the status of the SIM card PIN

Multimedia system:

Phone >>> Device manager >>> My devices

The symbol for car telephony appears with an exclamation mark if re-entering the PIN is required.

Select the name of the mobile phone or the SIM card.

Enter the SIM card PIN and confirm.

Calling up the car telephony settings

Multimedia system:

→  → Phone → Car phone → 

Select the desired settings.

The following settings are available:

- SIM card (→ page 379)
- Withhold phone number (→ page 379)
- Call waiting (→ page 379)
- Select network provider (→ page 380)
- Call forwarding (→ page 380)
- Data usage, voice (→ page 380)

Setting the SIM card

Multimedia system:

→  → Phone → Car phone → 

→ SIM card

The following options are available:

Saving the PIN

- ▶ Activate the display button.
The SIM card PIN is saved.

Entering the PIN again

- ▶ Enter the PIN.

Combining the SIM card with a specific mobile phone

- ▶ Activate the **Activation only with device** option.

Use of the SIM card with a specific mobile phone is activated. The name of the associated mobile phone is shown.

Always using a SIM card

- ▶ Deactivate the **Activation only with device** option.

Use of the SIM card with a specific mobile phone is deactivated.

Changing the combined mobile phone

- ▶ If the **Activation only with device** option is activated, first deactivate this and then activate again.

- ▶ Answer the **SIM card connected Do you want to use this SIM card with only one specific device?** query with Yes.

- ▶ Select a mobile phone that has been authorised or connect a new mobile phone.

Setting telephone number transmission

Multimedia system:

→  → Phone → Car phone → 

→ Withhold phone number

The following options are available:

- ▶ Withhold own number
- ▶ Show own number
- ▶ Network standard

Setting the call waiting function

Multimedia system:

→  → Phone → Car phone → 

→ Call waiting

- ▶ **To switch on call waiting:** activate the option.

- ▶ **To switch off call waiting:** deactivate the option.

Selecting a network provider

Multimedia system:

-  → Phone → Car phone → 
- Select network provider

Automatically

- Activate the Auto. select network provider option.

Manually

- Deactivate the Auto. select network provider option.
Select Call up network status.
Available network providers are shown.
Select a network provider.

Setting call forwarding

Multimedia system:

-  → Phone → Car phone → 
- Call forwarding

- Select New call forwarding rule.
→ Select an arrangement.
→ Enter a telephone number.

Setting the data use language

Multimedia system:

-  → Phone → Car phone → 
- Data usage, voice

You have the following options when selecting the transmission standard:

- Automatic
- Automatic (without LTE)
- 3G
- 2G
- 4G
- VoLTE Activate or deactivate

Calls

Telephone operation:

Multimedia system:

-  → Phone

Making a call by entering the numbers

- Select .
→ Enter a number.

- Select .
→ The call is made.

Accepting a call

- Select  Accept.

Rejecting a call

- Select  Reject.

Answering a call with a message

- Answer with message

Noting an incoming call in In-Car Office

- If In-Car Office is available: select [Reminder](#) (→ page 389).

Ending a call

- Select .

Activating functions during a call

The following functions are available during a call:

-  End call
-  Microphone off

-  **Numerical keypad** (show to send DTMF tones)
 -  **Add call**
 - **Hands-free mode** (The call can be transferred to the front or rear compartment, for example)
 - **Private mode** (The call can be transferred to the telephone or headphones, for example)
- ▲ Select a function.
- ① Please observe that the functions and symbols can vary depending on the vehicle equipment.

Conducting calls with several participants

Requirements:

- There is an active call (→ page 380).
- Another call is being made.

Switching between calls

- ▲ Select the contact.
The selected call is active. The other call is on hold.

Activating a call on hold

- ▲ Select the contact of the call on hold.

Conducting a conference call

- ▲ Select  **Create conf. call**.
The new participant is included in the conference call.

Ending an active call

- ▲ Select  **End call**.
① On some mobile phones, the call on hold is activated as soon as the active call is ended.

Accepting/rejecting a waiting call

Requirements:

- There is an active call (→ page 380).

If you receive a call while already in a call, a message is displayed.

Depending on the mobile phone and mobile network operator you will hear a call-waiting sound. Alternatively, in two phone mode you will hear an acoustic signal when the call goes through to the other (not yet active) mobile phone.

- ▲ Select  **Accept**.
The incoming call is active.
If only one mobile phone is connected with the multimedia system, the previous call will be put on hold.
If during a call you accept a call with the other mobile phone when in two phone mode then the existing call is ended.

▲ **Answer with message**

or

- ▲ Select  **Reject**.
① This function and behaviour depends on your mobile phone network provider and the mobile phone (see the manufacturer's operating instructions).

Contacts

Information about the contacts menu

The contacts menu contains all contacts from existing data sources, e.g. mobile phone or data storage medium.

Depending on the data source, it is possible to save/load the following number of contacts:

- Permanently saved contacts: 3,000 entries
- Contacts loaded from the mobile phone: 5,000 entries per mobile phone

From the contacts menu, you can perform the following actions:

- Make a call, for example call a contact (→ page 383)
- Navigation (→ page 338)
- Compose messages (→ page 386)
- Additional options (→ page 383)

If a mobile phone is connected to the multimedia system (→ page 372) and automatic calling up (→ page 382) is activated, the mobile phone's contacts are displayed in the address book.

The multimedia system can show suggestions based on frequently used contacts as well as incoming and outgoing calls. These are shown at the top of the contact list.

Downloading mobile phone contacts

Multimedia system:

→  → Phone → <device name>

▶ Select **Contacts**.

Automatically

▶ If the **Synchronise automatically** function is not active: activate the function.

Manually

▶ If the **Synchronise automatically** function is active: deactivate the function.

▶ Select **Text is Missing**.

You can see from the status of controller to the right of the **Synchronise automatically** display text whether the function is active.

Calling up contacts

Multimedia system:

→  → Phone →  **Contacts**

The following options can be used to search for contacts:

- searching by initials

- searching by name
- searching by phone number

▶ Enter characters into the search field.
▶ Select the contact.

A contact can contain the following details:

- phone numbers
- navigation addresses
- Internet address
- e-mail addresses
- voice tag (if set)
- relation (if set)

Editing the format of a contact's name

Multimedia system:

→  → Phone → 

▶ Select **General**.

▶ Select **Name format**.

▶ Select an option.

Overview of importing contacts

Contacts from various sources

Source	Requirements:
 USB device	The USB device is connected with the USB port.
 Bluetooth® connection	Bluetooth® is activated in the multimedia system and on the respective device (see the manufacturer's operating instructions).

 If the sending of vCards via Bluetooth® is supported, vCards can be received on mobile phones or notebooks, for example.

Importing contacts into the contacts menu

Multimedia system:

Select a mobile phone <device name>, from which the contacts should be imported.
Select an option.

Saving a mobile phone contact

Multimedia system:

Select   in the line of the mobile phone contact.
Select .
Select **Save**.
Select **Yes**.

The contact saved in the multimedia system is identified by the MBUX symbol.

Calling a contact

Multimedia system:

Select  Search contacts.

Enter characters into the search field.

Select the contact.

Select the telephone number.
The number is dialled.

Selecting further options in the contacts menu

Multimedia system:

Select  in the line of the contact.
Select .
Select an option.

Selecting options for suggestions in the contacts menu

Requirements:

- A profile has been created (→ page 295).
- The **Allow contact suggestions** setting is switched on .

Multimedia system:

Select **Contacts**.

- ▲ Select  in the line of a suggested contact.
- ▲ The following options are available:
 - [Save as favourite](#)
The suggestions are saved as global favourites and do not appear in the favourites of the telephone application.
 - [Do not suggest now](#)
Select an option.

Deleting contacts
Requirements:

- The contacts are saved in the vehicle.
- To delete an individual contact, this has been imported manually into the vehicle.

Multimedia system:

→  Phone

Deleting all contacts

- ▲ Select .
- ▲ Select [General](#).
- ▲ Select [Contacts](#).

- ▲ Select [Delete contacts](#).
 - ▲ Select an option.
- Deleting a contact**
- ▲ Select [Contacts](#).
 - ▲ Select  in the line of the contact.
 - ▲ Select .
 - ▲ Select [Delete contact](#).
 - ▲ Select [Yes](#).

Saving a contact as a favourite
Requirements:

- Your mobile phone does not support automatic downloading of contacts which are saved on the mobile phone as favourites.
-  If your mobile phone supports automatic downloading of favourites, no new favourites can be saved manually.

Multimedia system:

→  Phone →  Add favourite

- ▲ Select a contact.
- ▲ Select  in the line of the contact.

- ▲ Select the telephone number.
The contact is stored as a favourite in the telephone menu overview.

Deleting favourites in the telephone menu overview

Multimedia system:

→ 

- ▲ Select a favourite in the telephone menu overview (→ page 384).
- ▲ Press and hold the favourite.
- ▲ Select [Delete](#).
- ▲ Select [Yes](#).

Deleting all favourites

- ▲ Tap on  in the central display.
- ▲ Select [Phone](#).
- ▲ Select .
- ▲ Select the connected telephone <device name>.
- ▲ Select [Contacts](#).
- ▲ Select [Delete all favourites](#).
- ▲ The prompt [Delete all favourites?](#) appears.

▲ Select **Ja** (Yes).

Call list

Overview of the call list

Depending on whether your mobile phone supports the PBAP Bluetooth® profile or not, this can have different effects on the presentation and functions of the call list.

If the PBAP Bluetooth® profile is supported, the effects are as follows:

- The call lists from the mobile phone are displayed in the multimedia system.
- When connecting the mobile phone, you may have to confirm the connection for the PBAP Bluetooth® profile.

If the PBAP Bluetooth® profile is not supported, the effects are as follows:

- The multimedia system generates a call list independently as soon as calls are made in the vehicle.
- The call list is not synchronised with the call lists in the mobile phone.

The multimedia system can show suggestions based on frequently used contacts as well as incoming and outgoing calls. These are shown at the top of the call list.

Making a call from the call list

Multimedia system:

→ [Home] → Phone

▲ Select [Phone] Call list.

▲ Select an entry.
▲ The call is made.

Calling up additional options in the call list

Multimedia system:

→ [Home] → Phone → [Phone] Call list

▲ For contacts that are in the address book: select options.

▲ The contact details are called up.

▲ For contacts where only one number is shown (not in the address book): select [Phone].

Selecting options for suggestions in the call list

Requirements:

- A profile has been created (→ page 295).
- The **Allow contact suggestions** setting is switched on.

Multimedia system:

→ [Home] → Phone

▲ Select [Phone] Call list.

▲ Select [More] in the line of a suggested entry.
▲ Select an option.

Deleting the call list

Multimedia system:

→ [Home] → Phone → <device name>

▲ Select [Settings].

▲ Select **Contacts**.

▲ Select **Delete call list**.

▲ Select **Yes**.

ⓘ This function is only available if your mobile does not support the PBAP Bluetooth® profile.

Text messages

Overview of message functions

In the messages menu you can receive and send text messages.

If the connected mobile phone supports the Bluetooth® MAP profile, the message function can be used on the multimedia system.

You can obtain further information about settings and supported functions of Bluetooth®-capable mobile phones at a Mercedes-Benz service centre or at: <https://www.mercedes-benz-mobile.com/>

Some mobile phones require further settings after being connected to the multimedia system to activate the messaging functionality (see manufacturer's operating instructions).

Setting message displays

Multimedia system:

- → Phone → <device name>
- →

Select Message display.

Select On or Off.

Reading messages

Multimedia system:

- → → Phone → <device name>
- →

Using the read-aloud function

- Select a contact.
- Select → to read aloud.
- The message is read aloud.

Dictating and sending a new message

Requirements:

- There is an Internet connection.

Multimedia system:

- → → Phone → <device name>
- →

- Select a new message using →.

Adding a recipient

- Select →.
- Select a contact.

Dictating text

- Select →.
- The dictating function is started.
- Say the message.
- After the voice message has been processed, it is shown as text.

Sending a message

- Select Send.
- When the vehicle is stationary you can use the keyboard to write a message. No Internet connection is required to use the keyboard.

Replying to a message in the messaging history

Multimedia system:

- → → Phone → <device name>
- →

A message list is shown.

- Select → next to a contact.
- The messaging history with this contact is shown.

- ▶ Select .
The dictating function is started.
- ▶ Say the message.
After the voice message has been processed, it is shown as text.
- ▶ Select **Send**.

Using message templates

Multimedia system:

- ▶     **Phone**  **<device name>**
- ▶ 

Using a template as a new message

Select  to write a new message.

Add a recipient using .

Select a  template.

Answering a message with a template

Select a message sequence with a contact.

Select  templates.

Select a  template.

Forwarding a message

Multimedia system:

- ▶     **Phone**  **<device name>**
- ▶ 

A message list is shown.

Select  next to a contact.

The messaging history with this contact is shown.

Press and hold on a message.

To forward a message: select **Forward**.

Calling a message sender

Multimedia system:

- ▶     **Phone**  **<device name>**
- ▶ 

A message list is shown.

Select  next to a contact.

The messaging history with this contact is shown.

Select .

Select **Call**.

Using telephone numbers, URLs or emails from a text message

Requirements:

- An Internet connection is available to call up a URL.

Multimedia system:

- ▶     **Phone**  **<device name>**
- ▶ 

A message list is shown.

Select  next to a contact.

The messaging history with this contact is shown.

Select a telephone number or a URL in the message.

If a URL is selected the web browser opens.

If a telephone number is selected the following options are available:

- **Call**
- **New message**

or

▲ **If In-Car Office and the email function are available:** select an email address. When the email address is selected, In-Car Office opens.

ⓘ The availability of In-Car Office is country-dependent.

▲ Select an option.

Deleting a message

Multimedia system:

➔ ➞ 🏠 ➞ Phone ➞ <device name> ➞ 📞

▲ Select a contact.

▲ Press and hold on a message.

▲ **To delete the message:** select **Delete**.

In-Car Office

In-Car Office functions

Using In-Car Office, you can connect your online services with the multimedia system.

The following functions are available:

- Calendar

Showing appointments and triggering actions, e.g. reading aloud, placing a call, navigating

- E-mail

Reading e-mails, reading aloud and answering

- Tasks and calls

Managing tasks and prebooked calls

- Video conference

Participation in a video conference is carried out by selecting a calendar entry in In-Car Office. The calendar entry must contain an invitation with a link to a video conference from a supported provider.

ⓘ Please note that certain functions are only available when the vehicle is stationary.

Calling up In-Car Office Requirements:

- A mobile phone is connected as the main phone to the multimedia system.

- You have a user account in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

- The In-Car Office service is activated in the Mercedes me Portal.

- You have a user account with an online service, e.g. with Office 365, and have connected this with In-Car Office via the Mercedes me Portal.

In this way, appointments, e-mails and tasks can be synchronised and facilitated.

Multimedia system:

➔ ➞ 🏠 ➞ Mercedes me & Apps

▲ Select **In-Car Office**.

An overview shows the appointments for the current day.

Appointments can be all-day or have a duration, e.g. a two-hour appointment with information for the start and finish.

Selecting calendar functions in In-Car Office.

Multimedia system:

→ → Mercedes me & Apps
→ In-Car Office → Calendar

▲ Select an appointment.

▲ Select a function.

The following functions are available:

Read aloud Call Navigate Delete

Functions are available if corresponding appointment information is saved.

Examples of this are:

- If a telephone number has been saved for the appointment, **Call** is available.
- If a navigable address has been saved in the Online Account for the appointment, **Navigate** is available.

Selecting functions of Tasks & Calls in "In Car Office"

Multimedia system:

→ → Mercedes me & Apps
→ In-Car Office → Tasks & calls

▲ Select a function for an entry.

The following functions are available:

- Reading aloud
- Placing a call
- This task function requires a telephone number.
- Marking as completed
- In the current editing, the tick can be removed and the entry marked as open.
- Deleting
- Displaying details

Marking an entry as completed in Tasks & Calls

Multimedia system:

→ → Mercedes me & Apps
→ In-Car Office → Tasks & calls

▲ Select Tasks & calls.

▲ An overview appears.

▲ Select .

Noting an incoming call

When you receive an incoming call a prompt appears asking whether the call should be accepted, rejected or noted with a reminder of the call.

▲ Select **Reminder**.

The call is declined and added to the In-Car Office **Tasks & calls** automatically.

Managing e-mails

Multimedia system:

-  >> Mercedes me & Apps
- >> In-Car Office >> E-mail

Showing/reading e-mail

- ▲ Select an e-mail.
- ▲ The e-mail is opened.

Additional functions are available:

- Creating e-mail.(→ page 390)
- Answering e-mail (→ page 390)
- Forwarding e-mail(→ page 391)

Writing new e-mail

Multimedia system:

-  >> Mercedes me & Apps
- >> In-Car Office >> E-mail

Using the keyboard

- ▲ Select  Create e-mail.
- ▲ Add recipients using .

 Contacts can be used from the linked online service such as Office 365.

- ▲ Enter the subject and text of the e-mail in the corresponding fields with the keypad.
- ▲ Select **Send**.

Using the dictation function

-  The dictation function is not available everywhere nor without limitation. For initial activation of the function it may be necessary to select the terms of use in the Mercedes me Portal.

- ▲ Select .
- ▲ The dictating function is started.

- ▲ Dictate the subject and text of the e-mail.
- ▲ After the voice entry has been processed, it is shown as text.
- ▲ Select **Send**.

Using voice control

- ▲ Use the "Write an e-mail" MBUX Voice Assistant voice command.
- ▲ You are guided by the dialogue.
-  Further information on operating the MBUX Voice Assistant (→ page 286).

Answering e-mail

Multimedia system:

-  >> Mercedes me & Apps
- >> In-Car Office >> E-mail

Using the keyboard

- ▲ Select an e-mail.
- ▲ Select **Reply**.
- ▲ Enter the e-mail text in the corresponding field.
- ▲ Select **Send**.

Using the dictation function

-  The dictation function is not available everywhere nor without limitation. For initial activation of the function it may be necessary to select the terms of use in the Mercedes me Portal.

- ▲ Select an e-mail.
- ▲ Select **Reply**.
- ▲ Select .

The dictating function is started.

- ▶ Dictate the text of the e-mail.
After the voice entry has been processed, it is shown as text.
- ▶ Select **Send**.

Using voice control

- ▶ Use the "Answer e-mail" MBUX Voice Assistant voice command.
You are guided by the dialogue.
- ❗ Further information on operating the MBUX Voice Assistant (→ page 286).

Forwarding e-mail

Multimedia system:

- [📧] ▶ Mercedes me & Apps
- ▶ In-Car Office ▶ E-mail

Using the keyboard

- ▶ Select an e-mail.
- ▶ Select **Forward**.
- ▶ **To forward with attachment:** select **Forward with attachment**.

❗ Contacts can be used from the linked online service such as Office 365.

- ▶ **To forward without attachment:** select **Forward without attachment**.
- ▶ Enter the e-mail text in the corresponding field using the keypad.
- ▶ Select **Send**.

Using voice control

- ▶ Use the "Forward e-mail" MBUX Voice Assistant voice command.
Dictate the text of the e-mail.
- ❗ Further information on operating the MBUX Voice Assistant (→ page 286).

Video conference overview

The function makes it possible to participate in a video conference when in the vehicle. For this, the camera, the media display, microphone and additional equipment are used.

Participation in a video conference is carried out by selecting a calendar entry in In-Car Office. The calendar entry must contain an invitation with a link to a video conference from a supported provider.

During the video conference, the videos of the participants as well as your own video content can be shown on the media display.

In addition, participant content can be shared for the display, e.g. for presentations.

❗ No content can be shared from the vehicle.

The following are requirements for a video conference:

- Equipment with MBUX high-end Rear Seat Entertainment System
 - In-Car Office with calendar and e-mail function as well as support of the Multiscreen-File-Management
 - Access to the video conference and the linking of authorisations with the Mercedes me Account
 - Internet connection
- The Internet connection requires data volumes that are booked via the mobile phone. Alternatively, it can be made available with the "Internet in the car" additional data package.

- An invitation to a video conference with a linked calendar entry
- The video conference offers you the following functions:
- Participating in a video conference by selection of a linked calendar entry
 - Audio playback via headphones
 - Adjusting the volume
 - Switching sound off and on (output and input)
 - Switching off your own video content
 - Ending a video conference
- The following information can be displayed during a video conference:
- Information about the active speaker
 - Name of the participant in the video stream (if video is supported)
 - Preview of the camera image before and during participation
 - Display of video content from other participants

[Mercedes-Benz link](#)

Overview of Mercedes-Benz Link

**WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

▲ Only operate this equipment when the traffic situation permits.

▲ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

With Mercedes-Benz Link you can use mobile phone functions via the multimedia system. It is operated using the touchscreen or the voice-

operated control system. You can activate the voice-operated control system by pressing and holding the  button on the multifunction steering wheel.

When using Mercedes-Benz Link via the voice-operated control system, the multimedia system can still be operated using the MBUX Voice Assistant (→ page 285).

The Mercedes-Benz Link control box supplementary equipment is required for this. This is available at a Mercedes-Benz service centre.

Only one mobile phone at a time can be connected via Mercedes-Benz Link to the multimedia system.

If a mobile phone is connected with Mercedes-Benz Link, only one additional mobile phone can be connected using Bluetooth® with the multimedia system when in two phone mode.

 The Mercedes-Benz Link control box uses the Android operating system.

 The service provider is responsible for the apps as well as the services and content connected to it.

Notes on Mercedes-Benz Link

Only one route guidance can be active at a time. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting Mercedes-Benz Link with the multimedia system Requirements:

- The vehicle is fitted with the Mercedes-Benz Link control box.
- The Mercedes-Benz Link app is installed on the mobile phone.
- The mobile phone is switched on.

 The first activation of Mercedes-Benz Link on the multimedia system must be carried out when the vehicle is stationary for safety reasons.

Connect Mercedes-Benz Link with the USB port on the multimedia system using a suitable cable (→ page 424).

The  Mercedes symbol appears in the status line.

▲ Select the  Mercedes symbol. Mercedes-Benz Link starts.

When the application is connected for the first time, a message relating to terms of use appears.

▲ Select **Accept & start** if the application should be started.

or

▲ **If two telephones are connected with the multimedia system:** start Mercedes-Benz Link using the device manager (→ page 373).

Quitting Mercedes-Benz Link

▲ Select .

or

▲ Press the  button on the Touch Control (MBUX multimedia system).

 If Mercedes-Benz Link was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Mercedes-Benz Link using the main menu.

You can find more information in the Mercedes-Benz Link control box operating instructions.

Calling up Mercedes-Benz Link sound settings

Multimedia system:

→  [Settings](#) [System](#) [Audio](#)

▶ Select the sound settings.

Ending Mercedes-Benz Link

▶ Disconnect the connecting cable between Mercedes-Benz Link and the multimedia system.

or

▶ Select the  Mercedes symbol next to the device name for Mercedes-Benz Link in the device manager.

 Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.

Apple CarPlay®
Overview of Apple CarPlay®

 **WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

 Only operate this equipment when the traffic situation permits.

 If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.
iPhone® functions can be used via the multimedia system using Apple CarPlay®. They are operated using the touchscreen, Touch Control or the

Siri® voice-operated control system. You can activate the voice-operated control system by pressing and holding the  button on the multifunction steering wheel.

 By briefly pressing the button on the multifunction steering wheel you can continue to operate the multimedia system using the MBUX Voice Assistant (→ page 285).

Only one iPhone® at a time can be connected via Apple CarPlay® with the multimedia system.

Also for use of Apple CarPlay® with two phone mode, only one additional mobile phone can be connected using Bluetooth® with the multimedia system.

The full range of functions for Apple CarPlay® is only available with an Internet connection.

The availability of Apple CarPlay® may vary according to the country.

The service provider is responsible for this application and the services and content connected to it.

Apple CarPlay® is a registered trademark of Apple Inc.

Information on Apple CarPlay®
The CarPlay® symbol in the status line switches within Apple CarPlay® to the last active display. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting an iPhone® via Apple CarPlay® (cable)
Requirements:

The current version of your device's operating system is being used (see the manufacturer's operating instructions).

- ▶ Connect the iPhone® to a USB port on the multimedia system using a suitable cable (→ page 424).
When the application is connected for the first time, a message about data protection regulations appears.

- ▶ If the application should be started, select [Accept & start](#).

or

- ▶ Connect the desired iPhone® with the multimedia system via the device manager (→ page 373).

Start Apple CarPlay® using the relevant symbol next to the device name.

- ▶ If applicable, a message about data protection regulations appears.

Exiting Apple CarPlay®

Select .

or

- ▶ Press the  button on the multifunction steering wheel (MBUX multimedia system).

- ▶ If Apple CarPlay® was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Apple CarPlay® using the CarPlay® symbol in the status line.

Connecting an iPhone® via Apple CarPlay (wireless)
Requirements:

- The current version of your device's operating system is being used (see the manufacturer's operating instructions).
- Bluetooth® is activated on the device (see the manufacturer's operating instructions).
- The device is "visible" for other devices.

Multimedia system:

- ▶  Phone ▶ Settings ▶ Device manager ▶ Connect new device
- ▶ Connect the mobile phone using Bluetooth® (→ page 372).
When the application is connected for the first time, a message about data protection regulations appears.
If the application should be started, select [Accept & Start Apple Car Play](#).

- ▶ If required confirm the use of Apple CarPlay® on your iPhone®.

- ▶  The first activation of Apple CarPlay® on the multimedia system must be carried out when the vehicle is stationary for safety reasons.

- It is possible at any time to switch between connection via Bluetooth® or Apple CarPlay® (wireless) in the device list.
- If you have already connected a mobile phone via Bluetooth®, you can connect another iPhone® via Bluetooth® to use Apple CarPlay® via the device manager.

Exiting Apple CarPlay®

- Select .
- or
- Press the  button on the Touch Control (MBUX multimedia system).
- If Apple CarPlay® was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Apple CarPlay® using the CarPlay® symbol in the status bar.

Calling up Apple CarPlay® sound settings

Multimedia system:

-        
- Select the sound settings.

Ending Apple CarPlay®

- Select the CarPlay® symbol in the device manager (telephone, media) that is next to the device name of the iPhone®.
- Select the CarPlay® symbol in the device manager in the telephone or media applications if CarPlay® should be restarted.
- If CarPlay® was not displayed in the foreground before disconnecting, the application starts in the background the next time it is started automatically. You can call up CarPlay® using the relevant symbol in the status line.

Android Auto

Android Auto overview

 **WARNING** Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle

when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- Only operate this equipment when the traffic situation permits.
- If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

Mobile phone functions can be used with Android Auto using the Android operating system on the multimedia system. It is operated using the touchscreen or the voice-operated control system. You can activate the voice-operated control system by pressing and holding the  button on the multifunction steering wheel.

- By briefly pressing the button on the multifunction steering wheel you can continue to operate the multimedia system using the MBUX Voice Assistant (→ page 285).

Only one mobile phone at a time can be connected via Android Auto with the multimedia system.

Also for use of Android Auto with two phone mode, only one additional mobile phone can be connected using Bluetooth® with the multimedia system.

The full range of functions for Android Auto is only possible with an Internet connection.

The availability of Android Auto and Android Auto apps may vary according to the country.

The service provider is responsible for this application and the services and content connected to it.

Information on Android Auto

The Android Auto symbol in the status line switches within Android Auto to the last active display.

If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting a mobile phone via Android Auto Requirements:

- The mobile phone supports Android Auto from Android 5.0.
- The current version of the Android Auto app is installed on the mobile phone.
- In order to use the telephone functions, the mobile phone must be connected to the multimedia system via Bluetooth® (→ page 372). If there was no prior Internet connection, this is established with the use of the mobile phone with Android Auto.

Connect the mobile phone to a USB port on the multimedia system using a suitable cable (→ page 424).

When the application is connected for the first time, a message about data protection regulations appears.

If the application should be started, select **Accept & start**.

Connect the desired mobile phone with the multimedia system via the device manager (→ page 373).

Start Android Auto using the relevant symbol next to the device name.

- ① The first activation of Android Auto on the multimedia system must be carried out when the vehicle is stationary for safety reasons.

Exiting Android Auto

Select  or

Press the  button on the Touch Control (MBUX multimedia system).

- ① If Android Auto was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Android Auto using the Android Auto symbol in the status bar.

Connecting a mobile phone via Android Auto (wireless)

Requirements:

- The current version of your device's operating system is being used (see the manufacturer's operating instructions).

- The device supports the Android Auto wireless function.
- Bluetooth® is activated on the device (see the manufacturer's operating instructions).
- The device is "visible" for other devices.

Multimedia system:

- ➔  ➔ Phone ➔ Settings ➔ Device manager ➔ Connect new device
- ➔ Connect the mobile phone using Bluetooth® (→ page 372).

 Depending on the device configuration, the query whether Android Auto should be started appears in the media display after connecting the mobile phone via Bluetooth®. In this case, the query must be answered with **Yes**.

- ➔ Select **Start Android Auto**.
When the application is connected for the first time, a message about data protection regulations appears.
- ➔ Select **Accept & start**.

-  The first activation of Android Auto on the multimedia system must be carried out when the vehicle is stationary for safety reasons.
-  It is possible at any time to switch between connection via Bluetooth® or Android Auto (wireless) in the device list.
-  If you have already connected a mobile phone via Bluetooth®, you can connect another mobile phone via Bluetooth® to use Android Auto via the device manager.

Exiting Android Auto

- ➔ Select .
- or
- ➔ Press the  button on the Touch Control (MBUX multimedia system).
-  If Android Auto was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Android Auto using the Android Auto symbol in the status bar.

Calling up the Android Auto sound settings Multimedia system:

- ➔  ➔ Settings ➔ System ➔ Audio
- ➔ Select the sound settings.

Ending Android Auto

- ➔ Select the Android Auto symbol in the device manager (telephone, media) that is next to the device name of the mobile phone.
-  Select the Android Auto symbol in the device manager if Android Auto should be restarted.
-  If Android Auto was not displayed in the foreground before disconnecting, the application starts in the background the next time it is started automatically. You can call up Android Auto using the Android Auto symbol in the status line.

Transferred vehicle data with Android Auto and Apple CarPlay®

Overview of transferred vehicle data

When using Smartphone Integration, certain vehicle data is transferred to the mobile phone. This enables you to get the best out of selected

mobile phone services. Vehicle data is not directly accessible.

The following system information is transmitted:

- Software release of the multimedia system
- System ID (anonymised)

The transfer of this data is used to optimise communication between the vehicle and the mobile phone.

To do this, and to assign several vehicles to the mobile phone, a vehicle identifier is randomly generated.

This has no connection to the vehicle identification number (VIN) and is deleted when the multimedia system is reset (→ page 329).

The following driving status data is transmitted:

- Transmission position engaged
- Distinction between parked, standstill, rolling and driving
- Day/night mode of the instrument cluster

The transfer of this data is used to alter how content is displayed to correspond to the driving situation.

The following position data is transmitted:

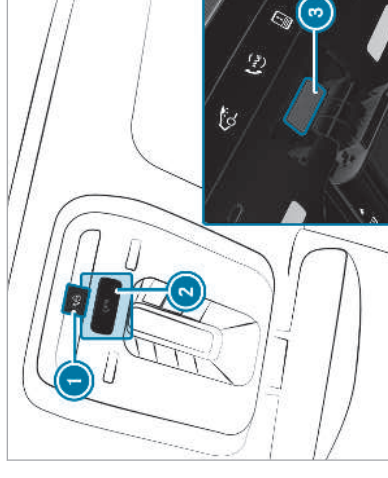
- Coordinates
- Speed
- Compass direction
- Acceleration direction

This data is used by the mobile phone to improve the accuracy of the navigation (e.g. for continuation in a tunnel).

Mercedes me calls

Making a call via the overhead control panel

- ① Mercedes me calls are not possible in every country. Find out at a Mercedes-Benz service centre if these functions are available in your country.



- ① me button for service, concierge (if available) or information calls
- ② SOS button cover
- ③ SOS button (emergency call system)

▲ To make a Mercedes me call: press me button ①.

▲ To make an emergency call: press SOS button cover ② briefly to open.

400 MBUX multimedia system

 Press and hold SOS button  for at least one second.

If a Mercedes me call is active, an emergency call can still be triggered. This has priority over all other active calls.

Information about the Mercedes me call using the me button

A call to the Mercedes-Benz Customer Centre has been initiated via the me button in the overhead control panel or the multimedia system (→ page 399).

Using the voice dialogue system you access the desired service:

- Concierge Service (if the service is available and activated)
- Accident and Breakdown Management
- Mercedes-Benz Customer Centre for general information about the vehicle

You can find information on the following topics:

- Activation of Mercedes me connect
- Operating the vehicle
- Nearest Mercedes-Benz service centre

- Other products and services from Mercedes-Benz

Data is transferred during the connection to the Mercedes-Benz Customer Centre (→ page 402).

Calling the Mercedes-Benz Customer Centre using the multimedia system

Requirements:

- Access to a GSM network is available.
- The contract partner's GSM network coverage is available in the respective region.
- The ignition must be switched on so that vehicle data can be transferred automatically.

Multimedia system:



 Call Mercedes me connect.

After confirmation, the multimedia system sends the required vehicle data. The data transfer is shown in the central display.

Then, you can select a service and be connected to a specialist at the Mercedes-Benz Customer Centre.

 In some countries, or if the Concierge Service is active, you will be connected directly with the Mercedes-Benz Customer Centre.

 The Concierge Service is not available in all countries. More information about Mercedes me connect services can be obtained in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

Calling the Mercedes-Benz Customer Centre after automatic accident or breakdown detection

Requirements:

- The vehicle has detected an accident or breakdown situation.
- The vehicle is stationary.
- The hazard warning lights are switched on.

 This function is not available in all countries. The vehicle can detect accident or breakdown situations under certain circumstances.

In the event an accident or breakdown is detected, the emergency guide shows safety notes in the multimedia system display.