PORSCHE

Porsche Classic

Communication Management

Gerätehandbuch | Operating manual | Mode d'emploi | Manuale d'uso | Manual del aparato | Руководство по устройству | Gebruiksaanwijzing

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Parts numbers:

911,645,590.00
996.642.590.00
(911.645.591.00)
(996.642.591.00)

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Equipment and on-board literature

Porsche reserves the right to make changes to equipment and technology from the illustrations and descriptions in this manual as part of the ongoing further development of Porsche Classic Communication Management. The equipment variants do not always depend on the standard scope of delivery or on national equipment. For information on installing Porsche Classic Communication Management, please contact a Porsche Partner. The equipment of your Porsche Classic Communication Management may differ from the description due to different legal requirements in individual countries. If your Porsche Classic Communication Management is equipped with equipment details that are not described here, your Porsche Partner will inform you about correct operation and maintenance.

Always keep on-board literature in the vehicle and pass it on to the new owner when the vehicle or Porsche Classic Communication Management is sold. If you have any questions, suggestions or ideas concerning your Porsche Classic Communication Management:
Dr. Ing. h.c. F. Porsche AG
Customer Relations Sales
Porscheplatz 1
70435 Stuttgart
Germany

Warnings and symbols

⚠ GEFAHR Possible severe injury or death

Failure to observe warnings in the "Danger" category will result in serious injury or death.

- Always observe the warnings.

⚠ WARNUNG Possible severe injury or death

Failure to observe warnings in the "Warning" category may result in serious injury or death.

- Always observe the warnings.

⚠ VORSICHT Possible moderate or minor injury

Failure to follow warnings in the "Caution" category may result in moderate or minor injury.

- Always observe the warnings.

HINWEIS Possible severe injury or death

Failure to observe warnings in the "Notice" category may result in damage to the vehicle or Porsche Classic Communication Management.

- Always observe the warnings.

Information

Additional information is marked with "Information".

✓ Requirements that must be fulfilled to use a function.

▶ Instruction to be followed.

1. Instruction to be followed with several successive steps.

▷ Note for further information

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and find the desired topic.

▷ From Page 8.

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This section explains how to contribute to safe operation

▷ From Page 10.

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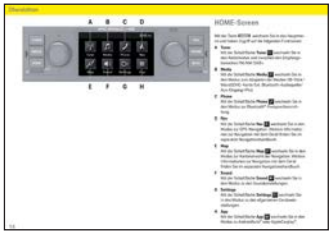


This section explains the controls and their operation.

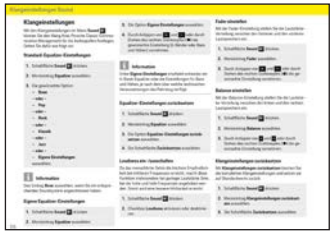
▷ From Page 11.

Operation

This section explains how to operate the functions.

▷ From Page 24.

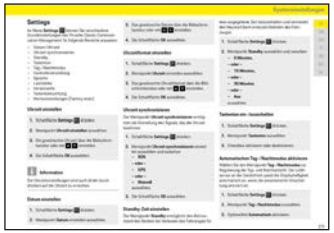
Sound settings



This section explains how to change the sound settings.

▷ From Page 27.

System settings



This section explains how to change the system settings.

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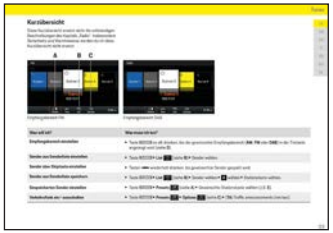
Tuner



This section explains how to operate the radio functions.

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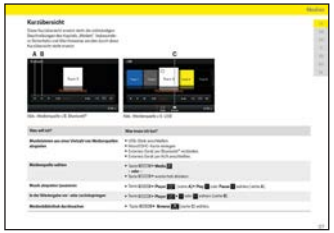
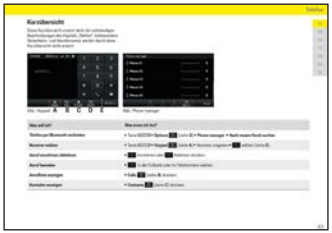
Media



This section explains how to operate the media functions.

▷ From Page 37.

Phone



This section explains how to operate the telephone functions.

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Technical specifications

Look up specific values.

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Safety instructions

Perfect technology: Prerequisite for your safety
High-quality materials and excellent workmanship ensure that Porsche Classic Communication Management has a long service life. Porsche Classic Communication Management needs your attention and care to fulfil its potential. This will ensure that Porsche Classic Communication Management can be relied upon even in critical situations.

Porsche Classic Communication Management is the central control unit for the radio, media functions, iPod, external audio sources, sound settings, navigation and BT telephony.
The following points must be observed to ensure that you do not endanger or harm yourself or others when using Porsche Classic Communication Management:

WARNUNG Risk of accident

Any distraction may cause control of the vehicle to be lost.

- Only operate Porsche Classic Communication Management when the vehicle is safely under control and the traffic situation permits. If in doubt, stop the vehicle and operate Porsche Classic Communication whilst stationary.

WARNUNG Risk of accident

The navigation system only provides the driver with support and suggests a route.

This does not release the driver from the full responsibility for correct driving style and behaviour in road traffic in accordance with the rules of the German Road Traffic Regulations (StVO) and other relevant regulations. The driver is responsible for assessing the traffic situation. The driver retains sole responsibility for driving the vehicle safely.

- Remain aware of the traffic situation.

WARNUNG Risk of injury

Risk of injury. Do not use the telephone close to explosive substances (e.g. at a petrol station) or close to explosives.
In certain hazardous areas, such as close to petrol stations, fuel depots, chemical plants and blasting operations, mobile phones must be switched off. Their use could interfere with technical equipment.

- Observe relevant instructions.
- Observe legal regulations and local restrictions when using the telephone.

HINWEIS Risk of damage

The Porsche Classic Communication Management contains high-quality electronic components whose maintenance and care requires special attention.

The following points should be observed:

- The screen is susceptible to scratches.
- The device must not be splashed with liquids. The ingress of liquids may destroy the device.

- Clean your Porsche Classic Communication Management carefully from time to time with a dry, clean and soft cloth (microfibre cloth) or a cleaning brush.
- Do not exert excessive pressure on the surface when cleaning.
- Never use solvents such as methylated spirits, thinners, petrol, acetone or alcohol (ethanol, methanol or isopropyl alcohol) or abrasives.
- Remove fingerprints with a damp cloth or mild detergent.
- Never spray detergents or other liquids directly onto the screen. Instead, moisten a cloth and gently wipe the screen.
- In the event of a malfunction never open the Porsche Classic Communication Management device yourself! In the event of a fault have the device repaired at a qualified specialist workshop.

We recommend that a Porsche Partner is used for this work as they have trained workshop personnel and the necessary parts and tools.

Overviews

The following pages show overviews of the most important controls and functions of Porsche Classic Communication Management with a brief explanation.

Controls and their functions

A button HOME
Use the HOME button to navigate through the main menu and access the following functions:
- **Tuner**
- **Media**
- **Phone**
- **Navi**
- **Map**
- **Sound**
- **Settings**
- **App**

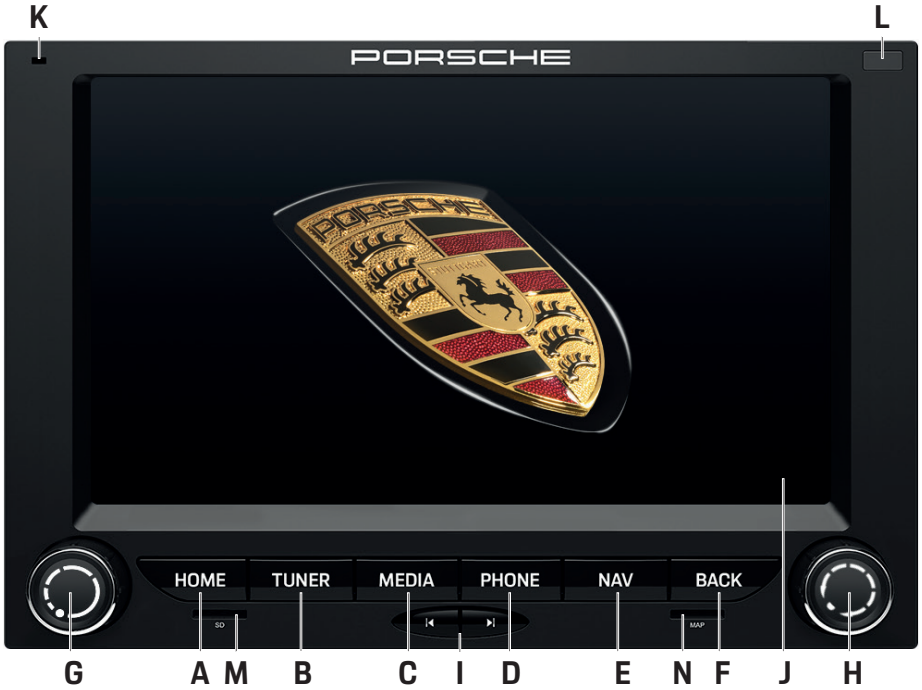
B button TUNER
Use the TUNER to access the radio mode and change between FM/AM/DAB+.

C button MEDIA
Use the MEDIA button to access the mode to play the media:
- USB-Stick
- MicroSDHC-card
- Ext. Bluetooth audio source
- Aux in

D button PHONE
Use the PHONE button to switch to Bluetooth®-hands-free mode.

E Button NAV
Use the NAV button to switch to the GPS navigation mode. Further information navigating with the device can be found in the separate Navigation Manual

F button BACK
Use the BACK button to return to the previous menu step.



G Left knob ●
- Press and hold the left knob ➔● to switch the device on and off.
- Turn the left knob (●) to adjust the volume of the active audio source
- Press the left knob briefly to ➔● activate or deactivate the mute function
- Press the left knob briefly to ➔● briefly to cancel an incoming announcement (**TA**).

H Besides the touchscreen the right-hand knob● is the central control element:
- Turn the knob (●) to highlight the desired menu item.
- Press ➔● to select a highlighted menu item.
- Turn (●) to change the value of some of the settings (such as the fader).
- Press and hold the left knob ➔● to activate Apple/Android speech recognition.

I Skip left/Skip right
- Press the skip buttons ◄►► to highlight the next/previous station or track.
- Press the skip buttons ◄►► to highlight the desired menu item.

J Touchscreen display
In addition to the right-hand knob ● the touchscreen is also a central control element. Any menu item can be selected directly from the touchscreen display.

K Microphone
The built-in microphone is used to make a telephone call with the Bluetooth® hands-free kit.

L Sensor for switching between day/night settings
The day/night sensor enables the device to detect the current ambient lighting level and adjust the display brightness accordingly.

M MAP: MicroSDHC card slot navigation software.
The MicroSDHC navigation software card slot holds the MicroSDHC navigation software and map material card.

N SD: MicroSDHC media card slot.
The MicroSDHC media card slot holds the MicroSDHC card for playing audio files

Information

In some cases, the illustrations in this manual may differ between the PCCM 1-DIN device and the PCCM Plus 2-DIN device.

The Mediabox

A USB port
B AUX port
C Apple® CarPlay/Android Auto™ port

The Mediabox supplied is used to connect the following:

> USB sticks (up to max. 32 GB) for playing music files.

> Aux-In: 3.5 mm jack connection for external media sources.

> USB port for Apple® CarPlay/Android Auto™

We recommend installing the Mediabox in the glove compartment or centre console.

Information

The installation positions mentioned are merely recommendations. As the situation in individual vehicles may vary, please contact your Porsche Centre for information on the best installation option.

HOME screen

Use the HOME button to navigate through the main menu and access the following functions:

A Tuner
Press the **Tuner** button to switch to radio mode and between the FM/AM/DAB+ reception bands.

B Media
Press the **Media** button to switch between SB-Stick/MicroSDHC-card/Ext in play mode. Bluetooth audio source/aux in/iPod.

C Phone
Press the **Phone** button to switch to Bluetooth® hands-free mode

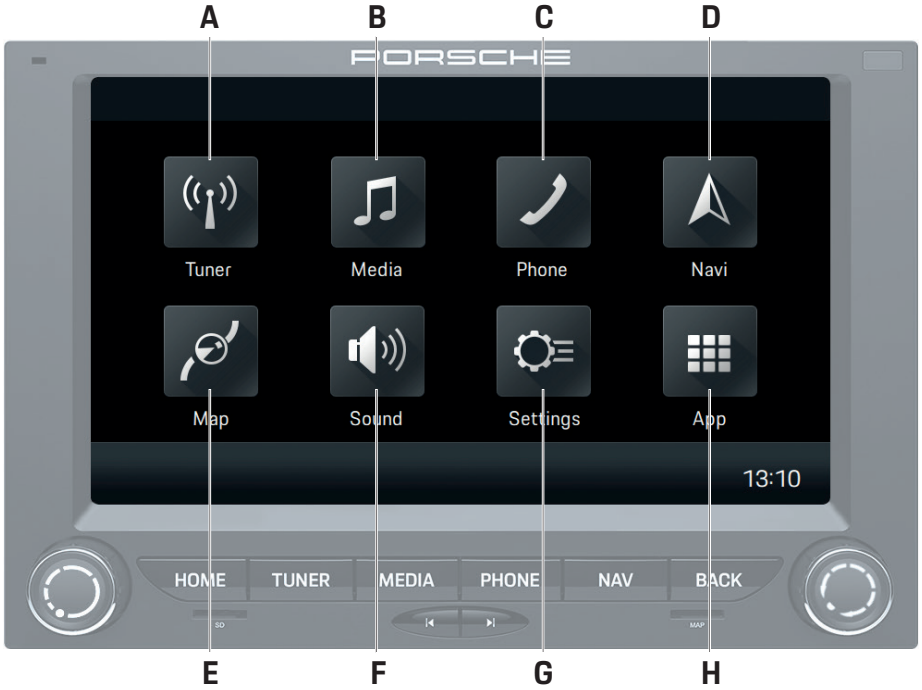
D Nav
Press the **Nav** button to switch to GPS navigation mode. Further information navigating with the device can be found in the separate Navigation Manual

E Map
Press the **Map** button to switch to map view in navigation mode. Further information navigating with the device can be found in the separate Navigation Manual

F Sound
Press the **Sound** button to switch to sound setting mode.

G Settings
Press the **Settings** button to switch to general device settings mode.

H App
Press the **App** button to switch to Android-Auto® or AppleCarplay® mode.


A
B
C
D
PORSCHE
Tuner
Media
Phone
Navi
Map
Sound
Settings
App
13:10
HOME
TUNER
MEDIA
PHONE
NAV
BACK
E
F
G
H

Radio function controls

A Reception band FM/AM/DAB+

B Page indicator

C Station key/program memory location
Indicates the program memory location of the currently selected station.

D Selected station

E Station name or frequency display
Displays the name or transmission frequency of the currently selected station

F RDS text
This display gives information on current radio text. This information is additional information transmitted by the radio station and shown as text in the display. For example, this may be the song title and artist of the track currently being played or current news.

G **Presets** Main tuner view

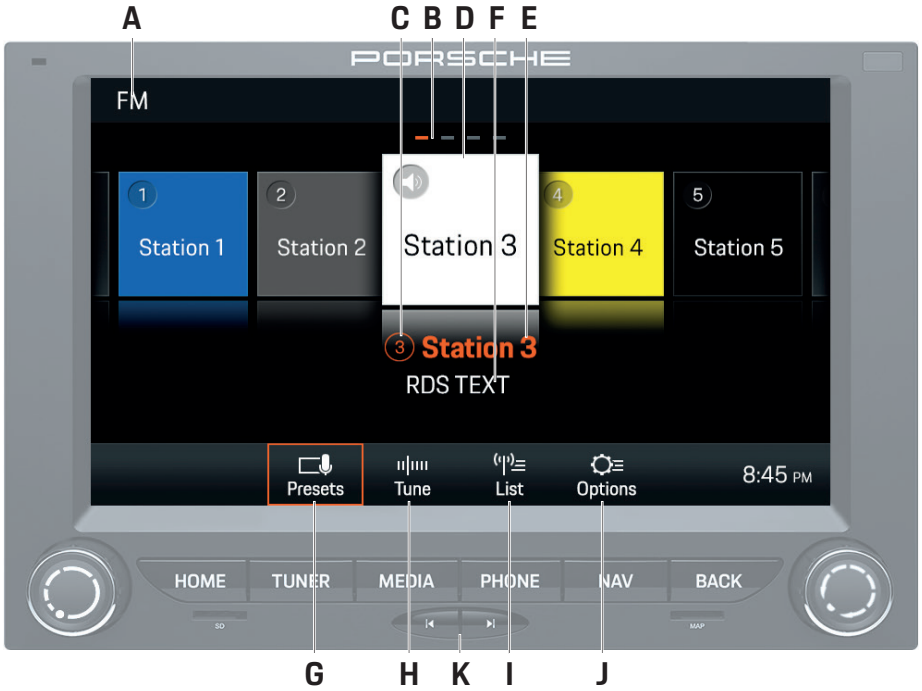
H **Tune** Frequency band display

I **List** List of stations

J **Options** Radio settings

- AM on / off switch
- Save station
- TA) Switch traffic announcements on/off

K Skip button
The skip buttons allow you to switch to the previous/next station in the program memory


A
C B D F E
PORSCHE
FM
1
Station 1
2
Station 2
Station 3
4
Station 4
5
Station 5
3 Station 3
RDS TEXT
Presets
Tune
List
Options
8:45 PM
HOME
TUNER
MEDIA
PHONE
NAV
BACK
G
H K I
J

Audio player controls

A Selected media: USB/SD/Bluetooth/AUX/iPod

B Track/artist currently playing

C Skip button ⏮ ⏭/◀▶
The skip buttons allow you to switch to the previous/next track.

D Pause/Play

E E Time already played

F Fast forward/backward/progress bar

G Total time Title

H Random playback
Activate/deactivate random mode

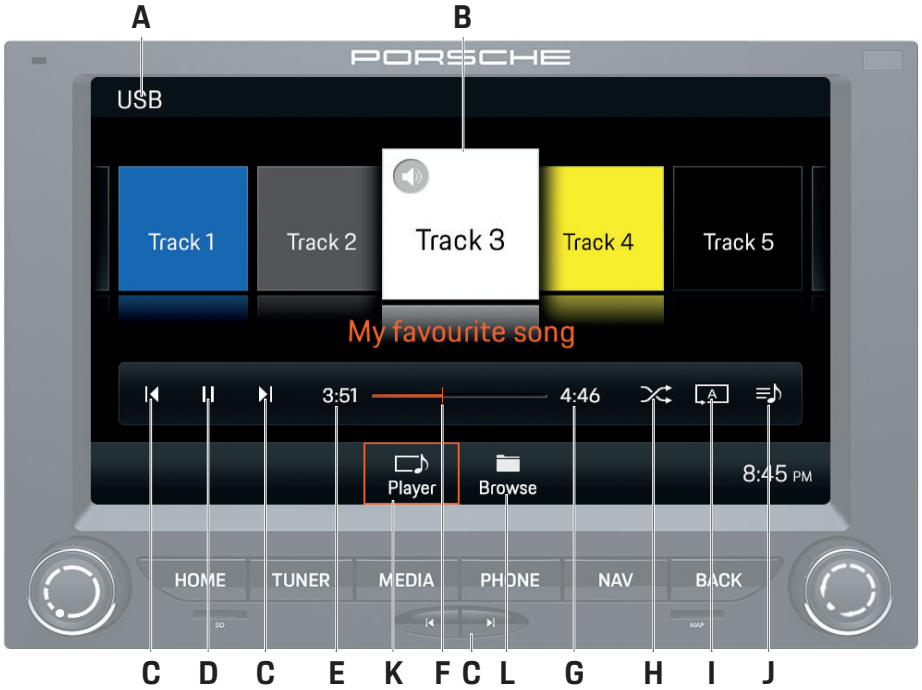
I Repeat
- Repeat all
- Repeat title
- Repeat folder

J All album titles on the playlist

K **Player** Main audio player view

L **Browse** Structure of the medium folder

M **Options** (Random, repeat, H,I,J...)


A
B
PORSCHE
USB
Track 1
Track 2
Track 3
Track 4
Track 5
My favourite song
3:51
4:46
Player
Browse
8:45 PM
HOME
TUNER
MEDIA
PHONE
NAV
BACK
C
D
C
E
K
F
C
L
G
H
I
J

Bluetooth function controls

A Selected mobile telephone

B Field strength

C Mobile phone charge indicator

D Bluetooth function activated

E Display the number entered

F Numeric/character block

G Dial/Hang Up

H **Keypad** Main Bluetooth function view

K **Calls** Call history

I **Contacts** Contacts

J **Options** Options

- Phone Manager
- Bluetooth settings
- Contact settings
- Activate/deactivate external microphone
- Change calls

E
A
B
C
D
F
PORSCHE
PHONE
Mobile p...
0711911_
1
2
3
4
5
6
7
8
9
*
0
#
+
Keypad
Calls
Contacts
Options
01:46 PM
HOME
TUNER
MEDIA
PHONE
NAV
BACK
H
K
I
J
G

Operating PCCM/PCCM Plus

The following pages describe the basic operation of PCCM/PCCM Plus, such as access to the various modes, menu types or controls.

Basic functions

Switching Porsche Classic Communication Management on and off

Switching on/off via the ignition

- Switch on the ignition. Porsche Classic Communication Management is active.

Switching on/off via the left-hand knob

If you do not wish the Porsche Classic Communication Management to be permanently active, you can also switch it on/off using the left-hand knob.

- Press the left knob for at least one second.

Adjusting the volume

- Turn the left knob. Depending on situation, you can change the volume as follows
  - the active audio source,
  - a traffic announcement,
  - an announcement by the navigation,
  - the telephone ringing tone during an incoming call
  - making a hands free telephone call.

Mute

Mute audio source:

- Briefly press the left knob. The active audio source is muted

Cancel muting

- To cancel muting briefly press or turn the left knob.

Information

Muting is also used to cancel incoming traffic announcements (TA)

Selecting the operating mode

The various Porsche Classic Communication Management modes are selected by pressing the HOME; TUNER; MEDIA; PHONE and NAV buttons.

Menu types and operation options

The Porsche Classic Communication Management screen is a colour touch screen. All of the menu functions, list entries and input menus, as well as the arrow symbols and scroll bars are operated by lightly touching the respective part of the screen.

Which menus are available?

The HOME Menu

The functional range of Porsche Classic Communication Management is divided into the following main menus via the HOME menu:

- **TUNER** (button in the HOME menu or the button): Radio main menu,
- **MEDIA** (button in the HOME menu or the button): Media main menu,
- **PHONE** (button in the HOME menu or the button):: Telephone, main menu
- **NAV** (button in the HOME menu or the button): Navigation main menu,
- **Map** (button in the HOME menu): Calendar configuration,
- **Sound** (button in the HOME menu): Sound settings.
- **Settings** (button in the HOME menu): General device settings.

In many of these main menus various sub menus are combined to form a single topic.

Jump back to the HOME menu

- Press the HOME key to return to the HOME-Menu.

Options menus

There is an options menu **Options** for some of the main menus where you will find setting options and further functions for that particular main menu.

Calling up and operating menu types

Call up main menus

- To call up a main menu, press the corresponding key on the Porsche Classic Communication Management or select the corresponding button via the menu HOME on the touchscreen. You can change from one main menu to another menu at any time. To return to the top level of a main menu, use the BACK button until you return to the top level of the main menu.

Call up options menus

- To access an Options menu, select the **Options** button in the main menu on the touch screen.

Operating menus with the touchscreen

- Touch the individual menu items or buttons directly on the screen.

Operating menus with the right-hand knob

As an alternative to operating via the touchscreen operation, the menu items can also be operated using the right-hand knob

- Highlight a menu item by turning the right-hand knob

- Select the highlighted menu item by pressing the right-hand knob

Exit menus

Jump back to the next higher menu

- Press the BACK button to cancel an operation and go to the next higher menu

Jump back to main menu

- Press a main menu button to return to the corresponding main menu.

Return to the top level of a main menu

Press the BACK button several times to reach the top level of the main menu. Alternatively, press the corresponding key on the Porsche Classic Communication Management or select the corresponding button in the menu HOME via the touchscreen

Operating lists

The following options are available for highlighting a menu item:

- Turning the right knob A highlighted menu item is indicated by an orange frame.
- Press the right-hand knob

  – or –
- Select a menu entry via the touchscreen: Confirm the selection.

Operating the input menus

In some cases data can be entered into Porsche Classic Communication Management. For example, when entering a telephone number.

- To enter data in an input menu touch the characters on the screen

  – or –
- Mark the characters by turning the right-hand knob and select them by pressing the right-hand knob
- To confirm and accept the data entered so far, select the corresponding button, e.g. in the menu.

The input menus include some buttons in addition to numbers.

	deletes the last entry in the input field.
123&	switches to digits and special characters
123&	switches to extended special characters
123&	switches to letters/switches to Cyrillic alphabet (only if Russian is selected as menu language)
	switches between upper and lower case letters
	inserts blanks
OK	confirms the entry and searches for entries in the phone book
	dials the entered phone number
	ends the current call
*	is used to enter GSM service codes
#	is used to enter GSM service codes
+	is used to enter country codes
+	is used to change values
◂ ▸	is used to change values

Information

Further special types of letters can be called by pressing and holding the respective letter.

Check boxes

Some menu items have check boxes for activating and deactivating functions.

- Select and activate menu item .
- Select and deactivate menu item .

Option fields

Some menu items have fields known as option fields for selecting different options.

- Select and activate the menu item
- Select and deactivate menu item .

Information

In some cases, the illustrations in this manual may differ between the PCCM 1-DIN device and the PCCM Plus 2-DIN devices.

Sound settings

The following pages provide information about the "Sound" sound settings of the PCCM/PCCM Plus, such as the equalizer.

Sound settings Sound

The sound settings in the **Sound** menu are used to set the sound of your Porsche Classic Communication Management for the audio sources as follows:

Default Equalizer Settings

1. Press **Sound** button.
2. Select menu item **Equalizer**.
3. Select the desired option
   - **Bose**
   - **– or –**
   - **Pop**
   - **– or –**
   - **Rock**
   - **– or –**
   - **Klassik**
   - **– or –**
   - **Jazz**
   - **– or –**
   - **Custom settings**.

Information

Select **Bose** if you have connected a Bose sound system.

Custom Equalizer Settings

1. Press **Sound** button.
2. Select menu item **Equalizer**.
3. Select the Option **Custom settings**.
4. Touch + and – or turn the right knob to select the desired setting (6 bands or bass and treble).

Information

Depending on the technical requirements of the vehicle either a 6-band equalizer or the settings for bass and treble appear in **Custom settings**.

Resetting the Equalizer Settings

1. Press **Sound** button.
2. Select menu item **Equalizer**.
3. Select the option **Reset Equalizer Settings**.
4. Select the **Reset** button.

Switch Loudness on/off

As the human ear is most sensitive at medium frequencies it makes sense to use this function at low volume
where the system increases high and low frequencies This results in better audibility.

1. Press **Sound** button.
2. Check box **Loudness** activate or deactivate.

Set Fader

The fader setting is used to adjust the volume level distribution between the rear and front speakers.

1. Press **Sound** button.
2. Select menu item **Fader**.
3. Touch + and – or turn the right knob to select the desired setting.

Adjust Balance

The balance setting is used to adjust the volume level distribution between the left and right speakers.

1. Press **Sound** button.
2. Select menu item **Balance**.
3. Touch ◂ and ▸ or turn the right knob to select the desired setting.

Rest sound settings

Reset sound settings is used to delete all sound settings and reset them to default values.

1. Press **Sound** button.
2. Select Menu item **Reset sound settings**.
3. Select the **Reset** button.

Information

To adjust the volume of different audio sources separately (for example navigation, radio or AUX), select the menu item **Volume** in the Settings menu.

System settings

The following pages describe the general device settings in “Settings”, such as date, time or language settings.

System settings

In the **Settings** menu various different Porsche Classic Communication Management basic settings can be adjusted for the following areas:

- date/time
- synchronise time
- standby
- button tone
- day/night mode
- controller setting
- language
- volume
- version info
- button illumination
- factory settings (Factory reset)

Setting the time

1. Press **Settings** button.
2. Select the menu item **Time**.
3. Use the on-screen keyboard or ▲ ▼ to set the desired time.
4. Select the **OK** button.

Information

The time settings can also be accessed directly by pressing the clock.

Setting the date

1. Press **Settings** button.
2. Select the menu item **Date**.
3. Use the on-screen keyboard or ▲ ▼ to set the desired date.
4. Select the **OK** button.

Set the date format

1. Press **Settings** button.
2. Select the menu item **Time**.
3. Use the on-screen keyboard or ▲ ▼ to set the desired time format.
4. Select the **OK** button.

Synchronise time

The signal that determines the time is set using the **Synchronize time** menu item.

1. Press **Settings** button.
2. Select the menu item **Synchronise time** and choose between
   - **RDS**
   - **– or –**
   - **GPS**
   - **– or –**
   - **Manual**.
3. Select the **OK** button.

Set standby time

The **Standby** menu item is used to set a time for which the device remains active when the vehicle is left for a short period, avoiding the need for the device to restart when returning to the vehicle.

1. Press **Settings** button.
2. Select the menu item **Standby** and choose between
   - **5 minutes,**
   - **– or –**
   - **15 minutes,**
   - **– or –**
   - **30 minutes,**
   - **– or –**
   - **Off**.

Switching tone button on/off

1. Press **Settings** button.
2. Select the menu item **Tone** button.
3. Activate or deactivate the check box.

Activate automatic day/night mode

Select **Day/Night mode** to adjust the day and night view. The light sensor on the front panel automatically adjusts the display brightness when automatic switching is activated.

1. Press **Settings** button.
2. Select the menu item **Day/Night mode**.
3. Activate the option field **Automatic**.

Own setting for Day/Night mode

Select **Own settings** to set the display brightness values in day and night view.

1. Press **Settings** button.
2. Select the menu item **Day/Night mode**.
3. Select the menu item **Own settings**.
4. Select the menu item **Day mode** Use + and − or turn the right control knob to adjust the display brightness for day view.
5. Select the menu item **Night mode** Use + and − or turn the right control knob to adjust the display brightness for night view.

Controller setting

The function of the right-hand knob ● can be defined via the menu item **Controller settings**.

1. Press **Settings** button.
2. Select the menu item **Controller button**.
3. Option field **Zoom map**
   – or –
   Activate the option field Change **Station/Title**.

Set the menu language

1. Press **Settings** button.
2. Select the menu item **Language**.
3. Select the option field
   – **German,**
   – or –
   – **English,**
   – or –
   – **Spain,**
   – or –
   – **French,**
   – or –
   – **Italian,**
   – or –
   – **Russian**

The change affects both the device user interface and the navigation software (Menu language).

Individually adjust the volume of the audio sources

Select the menu item **Volume** if you wish to set the volume level for the various audio sources individually.

1. Press **Settings** button.
2. Select the menu item **Volume**.
3. Menu item
   – **Aux in,**
   – or –
   – **Bluetooth,**
   – or –
   – **Button tone,**
   – or –
   – **TA (traffic announcements),**
   – or –
   – **Tuner,**
   – or –
   – **Navigation,**
   – or –
   – **USB/SD**.
4. Use + and − or turn the right control knob to adjust the volume.

Version info

Go to **Versions info** for details on the current software status of your Porsche Classic Radio navigation system.

1. Press **Settings** button.
2. Select the menu item **Version info**

Information

To call up the versions of the navigation software, switch to the navigation menu provided separately for this purpose.

Button illumination

1. Press **Settings** button.
2. Select the menu item **Button illumination**.
3. Option field **White**

   – or –

   Select option field **Amber**.

Information

For the PCCM (1-DIN device), the color green is additionally available as setting for the button illumination.

Factory settings (Factory reset)

Via the menu item **Factory settings** you can reset the radio navigation system to the delivery status. All later settings will be deleted

1. Press **Settings** button.
2. Select menu item **Factory reset**.
3. Press **Factory reset** button.

Tuner

The following pages describe how to operate the radio function for receiving analogue and digital radio with the PCCM/PCCM Plus.

Brief overview

This brief overview does not replace the complete descriptions of the chapter "Radio". In particular, safety and warning notices are not replaced by this brief overview.

FM reception band

DAB reception band

What do I want to do?	What must I do?
Setting the reception band	▶ Press the TUNER button repeatedly until the desired reception band (**AM**, **FM** or **DAB+**) >) is displayed in the title bar (see **D**).
Set a station from the station list.	▶ TUNER ▶ **List** button (see **B**) ▶ select station.
Setting stations via skip button	▶ Repeatedly press the until the desired station is played.
Save a station from the station list.	▶ Select TUNER ▶ **List** button (see **B**) ▶ Select station ▶ ▶ Select station button.
Set saved stations	▶ Select TUNER ▶ **Presets** (see **A**) ▶ Select desired station button **E**).
Traffic announcements on/off	▶ TUNER ▶ **Presets** button ▶ **Options** (see **C**) ▶ (**TA**) Traffic announcements (on/off).

Setting the reception band

1. Press HOME button ▶ Press TUNER button.
2.

Information

Press the left-hand knob to interrupt a traffic announcements.

Changing settings

1. Select TUNER ▸ **Options** button.
2. Press the desired option:
   – **AM on/off switch**.
   – Save station: Select **Save station**
     ▸ Select station button
   – TA) Switch traffic announcements on/off.

Media

The following pages describe how to use the media functions to play music files with PCCM/PCCM Plus, such as USB, Aux, Apple® CarPlay or Android Auto.

Brief overview

This brief overview does not replace the complete descriptions of the chapter "Media". In particular, safety and warning notices are not replaced by this brief overview.

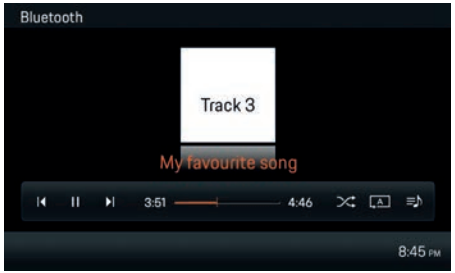


Fig.: Media source e.g. Bluetooth®

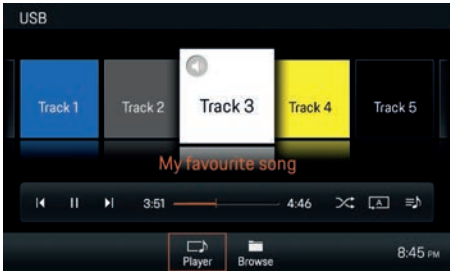


Fig.: Media source e.g. USB

What do I want to do?	What must I do?
Play music files from a variety of media sources	▶ Connect the USB stick. ▶ Insert the MicroSDHC card ▶ Connect an external device via Bluetooth®. ▶ Connect an external device via AUX.
Select media source	▶ Repeatedly press HOME ▶ **Media** ♫. **– or –** ▶ MEDIA ▶ button.
Play/pause music	▶ Select MEDIA ▶ **Player** Player button (see **A**) ▶Select **Play** ▶ or **Pause** ⏸ (see **A**).
Skip forward or backward during playback	▶ Select MEDIA ▶ **Player** Player ▶ ⏮ or ⏭ button (see **B**).
Search the media library	▶

Select media source

Select from the media **USB**, **MicroSDHC**, **Bluetooth®**, **AUX** and **iPod®** as follows:

- ▶ Select HOME ▶ **Media** button and desired media source.

  – or –

- ▶ Press the MEDIA button repeatedly until the desired media source is selected.

Playing media

Audio formats must meet certain requirements to be played via the media function. For information on the supported audio formats

▷ See chapter Technical data.

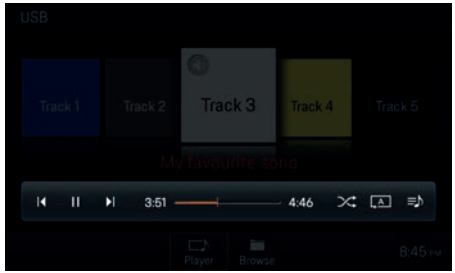


Fig.: Playing music PCCM Plus

- Play media
- Pause media
- Jump to media title
- Return to media title
- Fast forward / rewind
- Music shuffle
- Repeat all tracks
- Repeat track
- Repeat folder
- View album list

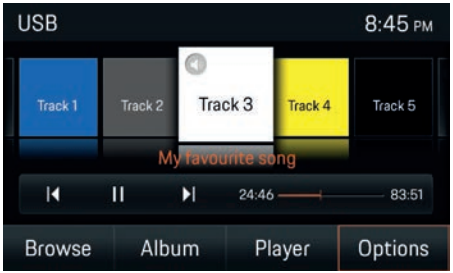


Fig.: Playing music PCCM

Information

The shuffle and repeat player functions on the PCCM (1-DIN device) are under **Options**.

Playing music

Proceed as follows to play media titles.

✓ Audio source is selected.

1. Select MEDIA ▶ **Browse** button.
2. Press the desired folder or media title.
3. Navigate back to the folder structure with the BACK button.

   – or –

1. Select MEDIA ▶ **Player** button.
2. Swipe left or right in the coverflow view until the desired album is shown larger in the centre of the display.

   – or –

   Select ▶ to play the album

   – or –

   Press the push/turn button

   – or –

   ⏮ or ⏭

   – or –

   Browse and select the desired title.

Skip forward and backward

To skip back and forth while media titles are playing, proceed as follows:

✓ Media source is selected.

- ▶ Press ⏮ or button ◀ and skip back.
- ▶ Select ⏭ or press ▶ button, to jump forward.

Fast forward and rewind

To fast forward and rewind while playing media titles, proceed as follows:

✓ Media source is selected.

- ▶ Hold ◀▶ buttons or hold ⏮ or ⏭ buttons until the desired position is reached.

  – or –

- ▶ Move the time bar to the desired position.

Media source is selected

To activate/deactivate shuffle, proceed as follows:

✓ Media source is selected.

- ▶ Select . Shuffle is activated.
- ▶ Select button again to turn off random playback.

Repeat song

To activate/deactivate repeat, proceed as follows:

✓ Media source is selected.

✓ Music title is selected.

- ▶ Press **Shuffle** . The repeat mode is indicated by the active .
- ▶ Press **Shuffle** again to deactivate repeat mode.

Information

The shuffle and repeat player functions on the PCCM (1-DIN device) are under **Options**.

Browse media

To browse media proceed as follows;

✓ Media source is selected.

1. Select**Browse** .
2. Press the desired folder and media title.

- ▶ Navigate back to the folder structure with the BACK button.

Notes on drives and externally connected devices

Information about supported media and file formats:

- If a storage medium contains many files, folders or playlists the media title loading process may be longer the first time that it is loaded.
- During playback audio files are automatically displayed with additional information (if available, e.g. artist, title, album cover).
- Do not use a USB extension cable or adapter. These affect the functionality.
- USB hubs are not supported.
- Porsche assumes no liability for damaged or lost files and media. Never store important data on the MicroSDHC cards or portable playback devices.
- Music titles that can be created for MP3 operation and played back on a MP3 are generally subject to copyright in accordance with the applicable international and national regulations. In many countries copies, even for private use, may not be made without the prior consent of the copyright holder. Please observe the applicable provisions of copyright law. These restrictions do not apply if you possess these rights, for example for your own compositions and recordings, or if they have been granted to you by the copyright holder. The current legal situation applies in every case.

Inserting and playing a MicroSDHC card

To insert a MicroSDHC card, proceed as follows:

1. Insert the MicroSDHC card into the MicroSDHC card slot with the label facing up SD until it engages.
2. Select MEDIA ▶ **MicroSDHC** button.

Removing the MicroSDHC card

To remove MicroSDHC cards, proceed as follows:

- ▶ Press the inserted card and remove it.

Connecting and playing a USB stick

To connect and play a USB flash drive, proceed as follows:

1. Connecting a USB stick to Mediabox.
2. Press the USB button MEDIA.

Playing external audio sources via the Aux In port

Porsche Classic Communication Management activates the connection of additional external audio devices via the Aux in port.

1. MEDIA ▶ **AUX** button.

2. Start media playback at the external audio source.

Access Apple® CarPlay

With Apple® CarPlay, iPhone® apps are now available in the Porsche Communication Management. Speech recognition Siri® enables you to send and answer text messages, and process voice commands. To access Apple® CarPlay, follow these steps:

✓ iPhone® 5 or later, iOS® 7.1 or later.

✓ Siri® and Apple® CarPlay are activated in the settings of your iPhone®.

▶ Connect an iPhone® to the Media Box USB interface. Apple® CarPlay starts immediately.

▶ To switch from another function to Apple® CarPlay, select **Apple CarPlay**.

Information

– It is recommended that the latest iOS® version is installed.
– Only those Apps on the iPhone® used that are supported by Apple® CarPlay can be displayed. For information on the supported apps, see www.apple.com/ios/carplay.
– The displayed content and functions in Apple® CarPlay are provided exclusively by the connected iPhone®.
– When Apple® CarPlay is used, active Bluetooth® connections (e.g. for telephony, or media playback) are automatically disconnected. Some apps require an active data connection.
– Some apps require an active data connection.. Additional costs may arise depending on the mobile phone tariff and especially when operating abroad. The use of a flat rate data tariff is recommended.

Operating Apple® CarPlay with the PCCM/PCCM Plus

▶ To call the main menu within the **Apple CarPlay** function, select the Home button.

▶ To go to the main function of the PCCM/PCCM Plus ▸ Select the HOME button.

– or –

▶ Select any function (e.g. MEDIA).

Operate Apple® CarPlay via Siri® speech recognition

✓ Siri®/iPhone® is activated in the settings of the iPhone® in use.

✓ Ignition and PCCM/PCCM Plus are on

✓ No telephone call is being made

1. Press and hold down the HOME / button.
2. Speak the desired voice command.

Call Android Auto™

Android Auto™ makes apps on the Android™ device available in Porsche Communication Management Voice recognition enables text messages to be sent and answered, and voice commands to be processed. Proceed as follows to call Android Auto™:

✓ The Android Auto™ is installed on the Android device.

✓ The Android Auto™ is installed on the Android device.

✓ Google Assistant™ is active in the settings of the Android device in use.

▶ Connect an Android™ device to the Media Box USB interface. Android Auto™ starts immediately.

▶ To switch from another function to Android™ Auto, select **Android Auto**.

Information

– Android™ is a trademark of Google LLC.
– It is recommended that the latest Android™ version is installed.
– Only those Apps on the Android™ device used that are supported by Android Auto™ can be displayed. For information on the supported apps, see www.android.com/auto/
– The displayed content and functions in Android Auto™ are provided exclusively by the connected Android™ device.
– When Android Auto™ is used, active Bluetooth® connections (e.g. for telephony or media playback) are automatically disconnected. Some apps require an active data connection.
– Some apps require an active data connection. Additional costs may arise depending on the mobile phone tariff and especially when operating abroad. The use of a flat rate data tariff is recommended.

Operating the Android Auto™ with the PCCM/PCCM Plus

- To call up the main menu within the **Android Auto** function, select the Home button.

- To go to the main function of PCCM/PCCM Plus, ▸ Select the HOME button.

- Select any function (e.g.

Phone

The following pages describe how to use the Bluetooth / telephone functions of PCCM/PCCM Plus, such as telephone or access to the mobile phone contacts list.

Brief overview

This brief overview does not replace the complete descriptions of the chapter "Phone". In particular, safety and warning notices are not replaced by this brief overview.

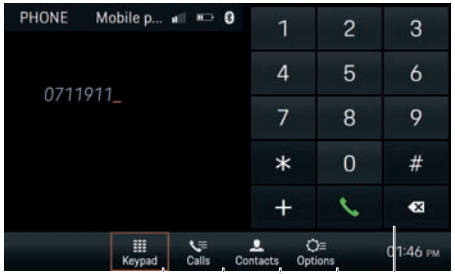


Fig.: Keypad A B C D E

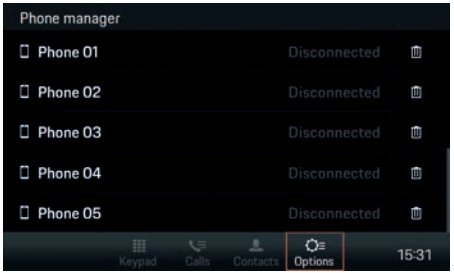


Fig.: Phone manager

What do I want to do?	What must I do?
Connect a telephone via Bluetooth	▶ Select PHONE ▶ **Options** (see **D**) ▶ **Phone manager** ▶ **Search for new device**.
Dial number	▶ Select PHONE ▶ **Keypad** (see **A**) ▶ enter number ▶ (see **E**).
Answer/reject call	▶ Press Answer or Reject.
Select end call	▶ in the footer of the phone menu.
Show call list	Press ▶ **Calls** (see **B**).
Show contacts	Press ▶ **Contacts** (see **C**).

WARNUNG Risk of accident

Using mobile phones while driving distracts the driver from the traffic situation. This may result in the loss of control of the vehicle.

- Only make calls using a hands-free kit.

WARNUNG Risk of injury

In certain hazardous areas, such as close to petrol stations, fuel depots, chemical plants and blasting operations, mobile phones must be switched off. Their use could interfere with technical equipment.

- Observe instructions as well as legal regulations and local restrictions.

Information

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Porsche AG is licensed.

Information

Hands-free quality. Hands-free quality may be affected by:

- Blower, open windows, or open top,
- wind and road noises,
- poor mobile phone network connection,
- high speed.

Information

Interrupted calls. Calls may be interrupted whilst driving. The reasons for this are:

- The GSM network coverage is insufficient.
- All channels of the GSM cell into which the vehicle is changing are occupied.
- The SIM card used is not network compatible.
- Blower, open windows, or open top,
- wind and road noises,
- poor mobile phone network connection,
- high speed.

Connect a mobile telephone via Bluetooth®

Connect new mobile telephone

To connect a mobile phone for the first time, proceed as follows:

✓ The mobile phone Bluetooth® function is activated and visible to other devices.

✓ The Porsche Classic Communication Management Bluetooth® function is activated.

1. PHONE ▸ Phone manager button

   – or –

   HOME ▸ **Tuner** button ▸ Phone manager.

2. Select the menu item **Search for new device** and select the mobile phone from the device list. A 6-digit Bluetooth® code is generated and displayed in Porsche Classic Communication Management and in the mobile phone.

3. Compare the Bluetooth® code in Porsche Classic Communication Management and mobile phone.

4. If the codes are the same confirm the Bluetooth® code in the mobile phone. If the phone has been successfully connected, the number entry (menu **Keypad**) is displayed in Porsche Classic Communication Management.

Information

For mobile phones with Windows® and iOS operating systems we recommend that the connection is initiated from the mobile phone:

- In the mobile phone's Bluetooth® menu search for available devices.
- Select Porsche Classic Communication Management from the list of available devices.

Bluetooth®-Function on/off

Proceed as follows to activate/deactivate the Bluetooth® function (the function is activated by default):

1. PHONE ▸ **Options** button ▸ **Bluetooth settings.**

2. **Bluetooth on** activate/deactivate to switch the Bluetooth® function of the Porsche Classic Communication Management on or off.

Information

The hands-free profile (HFP) is used to connect the mobile phone and the Porsche Classic Communication Management via Bluetooth®. When using the hands-free profile Porsche Classic Communication Management serves as a Bluetooth® hands-free device for the connected mobile phone and, depending on the features of the mobile phone, can access the contents of the phone book and call lists. If vehicle has been parked it is possible to transfer an ongoing call to the mobile phone and continue it outside the vehicle when the Bluetooth® connection is disconnected.

▷ Further information on Bluetooth® profiles can be found in the mobile phone's operating instructions.

Connect to a known mobile phone

✓ The mobile phone Bluetooth® function is activated
and visible to other devices.

✓ Bluetooth® function of the PCCM/PCCM Plus is activated.

✓ The mobile telephone is already connected with the PCCM/PCCM Plus.

1. PHONE ▸ **Phone manager**
   – or –
   HOME ▸ **Tuner** button ▸ Phone manager.
2. Select a mobile phone from the list.

Display connection status

Depending on the connection status, the following displays are available in the header:

Icon	Meaning
	Telephone connected/receiving field strength of the mobile network for the telephone function.
	Telephone connected/mobile phone charge indicator.
	Bluetooth® function of Porsche Classic Communication Management active.

Information

If a mobile phone is already connected, the name of the mobile phone also appears in the header.

Calling up Phone Manager

The Phone Manager is used to manage mobile phones for use with Porsche Classic Communication Management.

Proceed as follows to call up the Phone Manager:

▸ **Button** PHONE ▸ **Phone manager.**
– or –
Button HOME ▸ **Tuner** ▸ **Phone manager**.
– or –
Button PHONE ▸ **Options** ▸ **Phone manager.**
– or –
Button HOME ▸ **Tuner** ▸ **Options** ▸ **Phone manager.**

Information

If a mobile phone is already connected, Phone Manager must be called up via the **Options** menu.

Deleting a Bluetooth® device from Phone Manager

To delete a phone from the Phone Manager, proceed as follows:

✓ Mobile phone has already been connected to Porsche Classic Communication Management.

1. PHONE ▸ **Phone manager.**
   – or –
   HOME ▸ **Tuner** button ▸ Phone manager.
2. Select a mobile phone from the list and press .

Dial telephone number

Enter the phone number (Keypad)

Proceed as follows to make a call:

1. PHONE ▸ **Keypad** button .
2. Enter the number using the buttons.
3. Select to make the call.

Information

DTMF tones (Dual Tone Multi Frequency) and Supplementary Services (services that can be accessed via the Sternund Raute-Codes)are supported.

Call redial (?)

To redial a number proceed as follows:

1. Select PHONE ▸ **Keypad** button.
2. Select to display the last number dialled on the keypad.
3. Select to make the call.

Selecting a number from call lists

To call a number from the call lists, proceed as follows:

1. Select PHONE ▸ **Calls** button.
2. Select the desired call list and choose an entry.
3. Select .

Selecting a number from contacts

To call a number from a contact, proceed as follows:

1. Select PHONE ▸ **Contacts** button.
2. Search and select the desired contact.
3. Select the desired number.
4. Select .

Answer call

Incoming calls are accompanied by a ring tone from the vehicle's speakers. Audio sources that were previously active are muted when an incoming call is received. If the caller is stored in the phone book, both the name and the number are displayed. For unknown callers, only the number is displayed provided it is not suppressed by the caller.

▸ To answer the call, press .

– or –

press the reject call button on the mobile phone.

Reject call

To redial a number proceed as follows:

▸ To reject the call, select .

– or –

press the hang up button on the mobile phone.

Select end call

To redial a number proceed as follows:

▸ To reject the call, select .

– or –

press the hang up button on the mobile phone.

Functions available during a telephone conversation

Fig.: Active call

A Active call
B Microphone on/off
C Enter numbers
D End call

Private mode

✓ Mobile phone is connected via Bluetooth® via the hands-free profile (HFP).
✓ Call is established.

1. Select the PHONE ▸ **Options** button.
2. Activate external microphone button.

Activate external microphone

On the front of the Porsche Classic Communication Management there is an internal microphone for making a call with the hands-free system. If an external microphone is also connected it is possible to switch between the two microphones. Proceed as follows to switch between the two microphones:

1. Select the PHONE ▸ **Options** button.
2. Activate **External microphone** Options.

Switching between two calls (toggling)

To switch between two current telephone calls, proceed as follows:

✓ Phone call is active.
✓ Phone call is on hold.

1. Select the PHONE ▸ **Options** Options button.
2. Select **Bluetooth settings**.
3. Select **Change call.**

Show call list

To display the call list proceed as follows:

1. Select PHONE ▸ **Calls** Calls button.
2. Swipe left or right to display **All Calls, Missed Calls, Outgoing Calls or Incoming Calls.**

Use contacts

Transfer contacts

After establishing a Bluetooth® connection, Porsche Classic Communication Management attempts to transfer the mobile phone's phone book. If the phone book is not transferred automatically, the transfer can be started manually. To transfer the phone book manually, proceed as follows:

1. Select the PHONE ▸ **Options** Options button.
2. Select **Set contacts**.
3. Select **Contact synchronisation**.
4. Allow access to the phone book via the mobile phone.

Information

A maximum of 5000 phone book entries can be transferred per mobile phone.

Search contacts

To search for a contact from the contact list proceed as follows:

1. Select PHONE button.
2. Select **Contacts** Contacts.
3. Select Search **Contacts**.
4. Enter a contact via the keypad.
5. Select the desired contact.
6. If multiple telephone numbers are stored for the contact, select the desired telephone number.

Call contact

To call a contact from the contact list proceed as follows:

1. Select PHONE ▸ **Contacts** Contacts button.
2. Select the desired contact.
3. Select the desired number.

Delete contact list

To delete the contact list proceed as follows:

▸ Button PHONE ▸ **Options** Options ▸ **Contact settings** ▸ **Delete Contacts** ▸ **Delete**.

Sort contacts list

To sort the contact list by first name or surname, proceed as follows:

1. Select the PHONE ▸ **Options** Options button.
2. Select Select **Set contacts**.
3. Sort contacts by selecting **first name, surname** or **surname, first name**.

Change settings

Automatically connect a mobile phone on/off

This function enables automatic connection to the mobile phone as soon as the mobile phone is within range of Porsche Classic Communication Management. Proceed as follows to activate/deactivate the function:

1. Select the PHONE ▸ **Options** button.
2. Select **Bluetooth settings**.
3. **Auto. connection** activate/deactivate.

Change Bluetooth® name

This function is used to change the name of the Porsche Classic Communication Management, which is transmitted by the Bluetooth® signal. The default setting is "PCCM". Proceed as follows to change the name:

1. Select the PHONE ▸ **Options** button.
2. Select **Set Bluetooth**.
3. Select **Change Bluetooth name**.
4. Change name ▸ select **OK**.

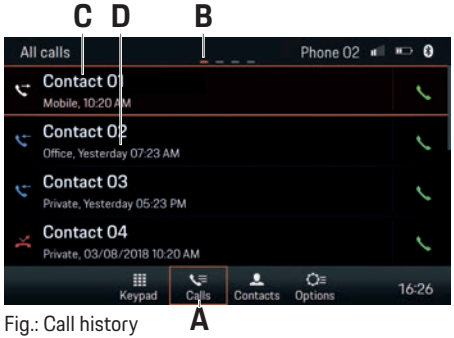


Fig.: Call history

A Call history
B Page
C Contact/caller
D Date/Time/Contact type

Play external audio sources via Bluetooth®

An external audio source, which is not operated at Porsche Classic Communication Management but at the source itself, can be linked via a Bluetooth® connection. Proceed as follows to play the external audio source:

✓ Mobile phone is connected via Bluetooth®.

Information

Porsche Classic Communication Management supports the A2DP profile for connecting and operating the external Bluetooth® audio source. The extent to which the external Bluetooth® audio source can be operated on the Porsche Classic Communication Management depends on which functions are supported by the audio source. In some cases, the operation of the external Bluetooth® audio source on the Porsche Communication Management is therefore restricted. In other cases, operation from the Porsche Classic Communication Management is not possible. Operation is then performed on the connected device itself. Please observe the operating instructions of the respective device. To connect the external device via Bluetooth®, please read the chapter "Telephone".

WARNUNG Risk of accident

Any distraction may cause control of the vehicle to be lost.

- ▸ Only operate an external Bluetooth® audio source when the vehicle is safely under control and the traffic situation allows. If in doubt, stop the vehicle before operating the external Bluetooth® audio source.
- – Only those apps on the Android device used that are supported by Android Auto can be displayed. For information on the supported apps, see www.android.com/auto/
- – The displayed content and functions in Android Auto are provided exclusively by the connected Android device.
- – When Android Auto is used, active Bluetooth® connections (e.g. for telephony, media playback or messages) are automatically disconnected. Some apps require an active data connection.
- – Some apps require an active data connection.. Additional costs may arise depending on the mobile phone tariff and especially when operating abroad. The use of a flat rate data tariff is recommended.

Technical specifications

The following pages show the technical data of the PCCM/PCCM Plus.

Porsche Communication Management (PCCM/PCCM Plus)

	Technical data
System	1-DIN/2-DIN Porsche Communication Management (PCCM/PCCM Plus), Processor: ARM® Cortex®-A9 (840 Mhz), Operating system: Linux 3.4.5, 512 MB RAM, Digital touchscreen display TFT LCD (3,5" (PCCM)/7" (PCCM Plus)), Resolution: 800 x 480, Light sensor for display brightness, 2 x MicroSDHC card slot, GPS-port, Media box: USB/AUX/Port for Apple® CarPlay/Android Auto™, Amplifier 4 x 45 W, Volume/Balance/Fader/Mid/Bass, Mute, MP3-Player, MP3 with ID3-Tag, Connection for sound systems (PCCM: Nokia®/Blaupunkt®)/(PCCM Plus: Blaupunkt®)
Tuner/Digital radio	Tuner/Digital radio , FM/AM dual tuner, DAB+-Tuner (only Europe)/SiriusXM® (only USA/Canada), FM: 87.5-108.0 MHz, AM: 522-1620 kHz, DAB: VHF band III 174.9-239.2 MHz (Europe) FM: 87.5-107.9 MHz, AM: 530-1710 kHz (USA/Canada) RDS and RDS text, Programme memory locations: FM/AM/DAB: 20/SiriusXM®: 30, Automatic station list, Manual station search, Manual station memory
Bluetooth®	On-Board Bluetooth®-Module (SPHE8368), Bluetooth® hands-free kit, 5000 contacts max., Phonebook/protocol transfer, A2DP function with ID3 tags, Internal and external microphone, Microphone input
Navigation software	-CLASSIC- Navigation software, Maps of Europe: Europe, Turkey, Russia (TomTom®), Maps of America: USA, Canada (TomTom®), GPS receiver UBlox® NEO-M8L, TMC (Europe only)
File formats	Wave, WMA, AAC, AC3, MP3, RealAudio, Ogg, FLAC, APE, DTS, MKA
Dimensions/ weight	187.5 x 58 x 184 mm (WxHxD), 1.0 kg (PCCM) 187.5 x 129 x 160 mm (WxHxD), 1.5 kg (PCCM Plus)
	Subject to technical changes without notice.

	Scope of supply
	Porsche Classic 1-DIN (PCCM)/2-DIN (PCCM Plus), Media box, GPS antenna, Microphone for hands-free kit, installation accessories & cables, antenna signal distributor for DAB+ (EU version only), MicroSDHC card with navigation software, MicroSDHC card for media, device manual, installation manual (PCCM only, not PCCM Plus), navigation manual, Quickstart Guide
	We reserve the right to change the scope of delivery.

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FCC ID warning

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

IC ID warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.
" ce matériel est conforme aux limites d'exposition aux rayonnements rf de ic énoncés dans un autre environnement.
" ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps. "