

MIB3E_MQB37w_BT

USER MANUAL for VW Golf

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GENERAL INSTRUCTIONS



Warning!

The MIB3 can distract your attention from the traffic conditions. You could cause an accident and place yourself and others in danger.

- Always devote your complete attention to the traffic situation.
- Only operate the MIB3 when traffic and driving conditions are appropriate.
- Set the volume to a level that allows you to hear important sounds outside the vehicle e.g. horns, sirens and alarms.
- High volumes can cause hearing damage.
- Always route the connection cable of the external device such that it does not restrict you when driving.

Caution

- In some countries, some Infotainment functions can no longer be selected when the vehicle is running faster than a certain speed. This is not a malfunction, but complies with the national legal regulations.

The MIB3 includes protective circuits that prevent damage to the device as far as possible:

- If the supply voltage is too low or too high, or if the MIB3 becomes too hot, the MIB3 will switch off automatically.
- Never open the MIB3 yourself in the event of a fault! Take the faulty device to be repaired by a competent specialist repairer. We recommend that you use a service center for this work as this will ensure that trained workshop staff and the necessary parts and tools will be available.

TECHNICAL INFORMATION

The product MIB3 is developed and produced by Panasonic Automotive Systems Europe GmbH. The product is an integrated car entertainment systems. The MIB3 Entry series can support (depending on purchased configuration) several sources like MP3, USB (external connection box), Bluetooth, Wifi, AM/FM radio, android auto, Apple CarPlay and MirrorLink.

Power supply voltage: Nominal: DC +12 [V]

Temperature range: -40 to +80 [degree C]

RF technical specification – Bluetooth 4.2

Frequency range:	2402 MHz– 2480 MHz
Maximum conducted RF Output Power:	4 dBm or 2.5 mW
Antenna gain:	-6.6 dBi to +1.3 dBi
Modulation:	FHSS

For units with Wifi

RF technical specification – 2.4GHz Wifi:

Frequency range (no DFS):	2412 MHz – 2484 MHz
Maximum conducted RF Output Power:	17 dBm or 50 mW
Antenna gain:	-10dBi to +0.4 dBi
Modulation:	DSSS / OFDM

TECHNICAL INFORMATION

For units with Wifi

RF technical specification – 5GHz Wifi:

Frequency Range (no DFS):

Bandwith1:

5 150 - 5 350 MHz: 5180 MHz; 5200 MHz; 5220 MHz; 5240 MHz

5 735 - 5 835 MHz: 5745 MHz; 5765 MHz; 5785 MHz, 5805 MHz, 5825 MHz

Bandwith2:

5 150 - 5 350 MHz: 5190 MHz; 5230 MHz

5 735 - 5 835 MHz: 5755 MHz; 5795 MHz

Bandwith3:

5 150 - 5 350 MHz: 5210 MHz

5 735 - 5 835 MHz: 5775 MHz

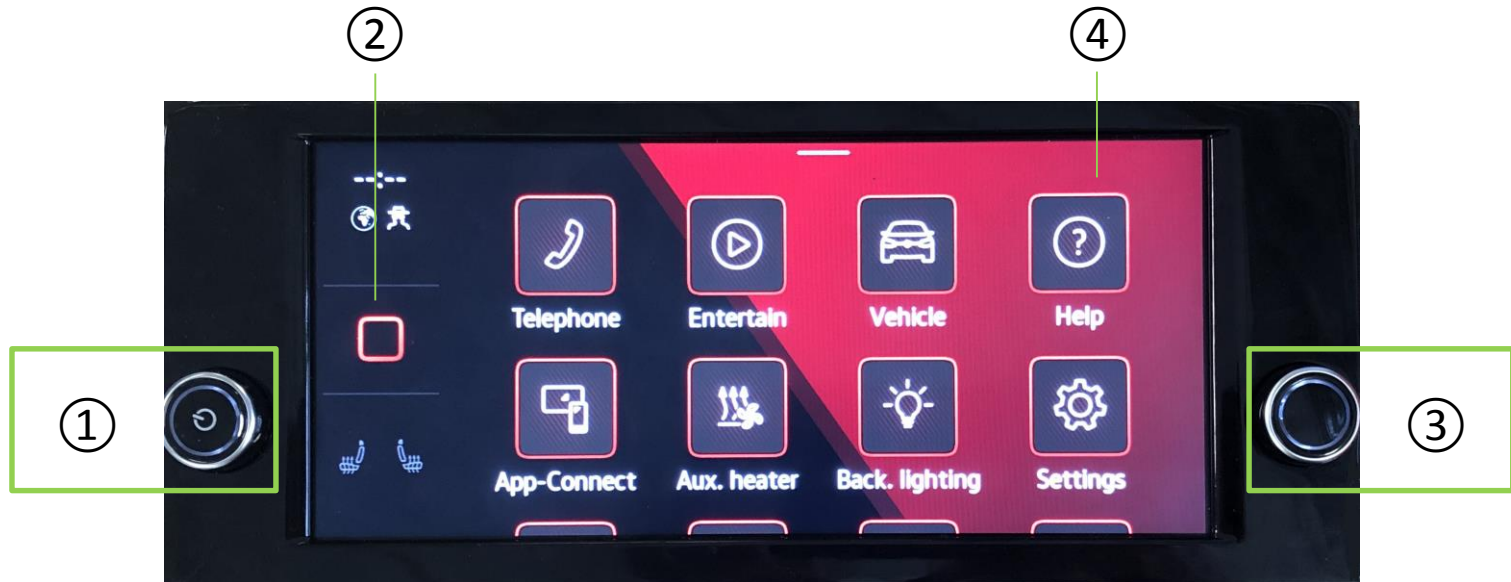
Maximum conducted RF Output Power: 14 dBm or 25 mW

Antenna gain: -5,4 dBi to +0,7 dBi

Modulation: OFDM

INTRODUCTION TO OPERATION

Long press on left control dial ① allows to switch the device on and off. Turning left control dial ① allows to change settings like volume. The MIB3 allows access to different menus with the touch icons ② located on the left side of the display or the icons directly on the touch screen ④. Right control dial ③ allows to browse through menus e.g. „Settings‘ and select options by pressing. Sliding over the touch screen ④ up and down shows different icons. Within menus the return icon  allows to return to previous page. Returning to home screen can be done by touching the  icon.



PRIVACY SETTTINGS INFORMATION

-- No available in VW --

The MIB3 allows to adjust the privacy settings. The user can choose, which information will be provided to connected services.

1. Touch and hold a finger at the position of the green arrow. Moving the finger down will open a second menu.
2. Select ,*Essential data only*' to adjust the level of privacy. For more information press the info icon (see green arrow).
3. Select the appropriate privacy level:



Essential data only: Services are deactivated. Only legally required services use data.



Personal data: Services use only vehicle data and user data.



Use my position: Services use position data, vehicle data and user data.

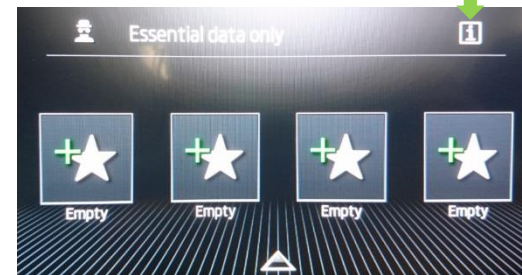


Share my position: Primary and secondary users can also retrieve position data via the Skoda Connect portal or the app.

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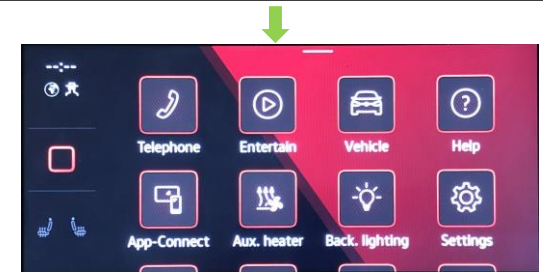


MANAGE FAVOURITES

The MIB3 allows to create shortcuts („favourites“) for user friendly control of the device.

1. Touch and hold at the position of the green arrow and move down. This will open a second menu.
2. Long press on one of the favorite icons.
3. Choose one of the features or select another page by sliding left or right, then long press and drag to one of the four favorite locations.

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RADIO - OVERVIEW

Press the left control dial  to switch the Head Unit on.

1. The AM/FM/DAB Radio can be started by touching the icon *„Entertain“*.

2. The ‘favorite’ screen of MIB3_EI HU, shows a favorite list . Currently played radio channel or media source can be added by pressing a ‘+’ icon. Also, from this screen, already added favorites can be deleted by touching the  icon.

3. Touching the Radio icon  allows to choose between different sources like AM, FM and DAB bands.

4. Touching any of the available bands shows available channels within the selected band. Automatic scanning of channels can be done by touching the update icon.

5. Manual channel scanning can be done by touching the scan icon.



BLUETOOTH - SEARCHING FOR MOBILE PHONES

The MIB3 will search for devices that support Bluetooth's Hands Free Profile (HFP) and Audio Streaming Profile (A2DP/AVRCP).

Activate Bluetooth on your mobile phone. If necessary make the mobile phone visible to other devices.

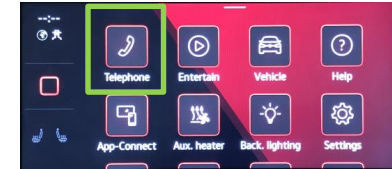
1. On the display press ,Telephone' (note: the following steps can only be done with ignition turned on).

2. Press the settings icon,  then ,Select mobile phone' to select available devices.

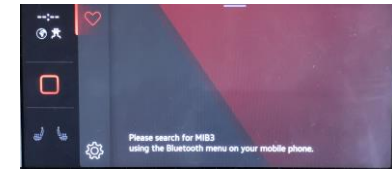
3. If the mobile phone has not been connected to the MIB3 before, it will be shown under ,!Available Devices'; otherwise, under ,known devices'.

4. Select the mobile phone from the list of available devices e.g. the sample mobile iPhone.

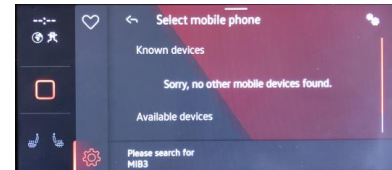
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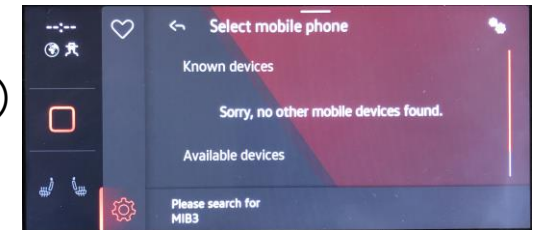


BLUETOOTH – CREATING A CONNECTION

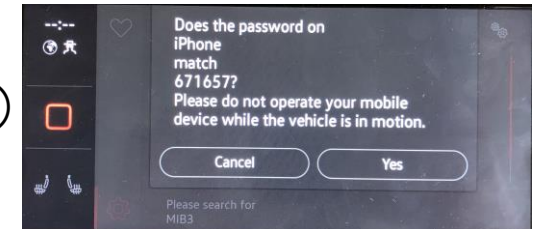
Each mobile phone needs to be paired by exchanging a password. The pairing process can be started either from MIB3 or the mobile phone, if the car device does not show the mobile phone.

1. On the MIB3 screen select one of the available mobile phones to connect.
2. Confirm the pairing process. A passkey is exchanged. Confirmation needs to be done on MIB3 and the mobile phone. Allow data transfer on the mobile phone
3. Confirm the next screen with ,OK‘.
4. The chosen mobile phone appears under Known devices e.g. iPhone.

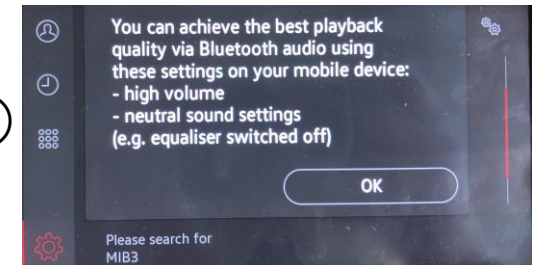
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BLUETOOTH – DEAUTHORIZE A MOBILE PHONE

-- ***this function is currently unavailable*** --

Deauthorization can be conducted in the menu ,Telephone'.

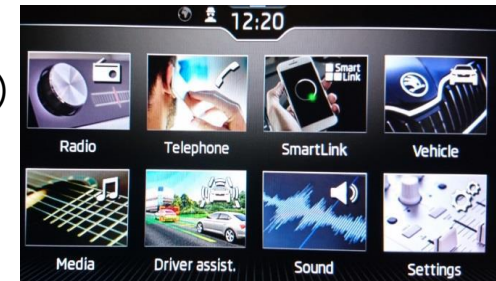
1. Enter the menu ,Telephone' or press function key ,Phone'.

2. Select on the connected device on the screen.

3. Press the icon .

4. Press on the icon ,bin'  next to the device which should be deauthorized.

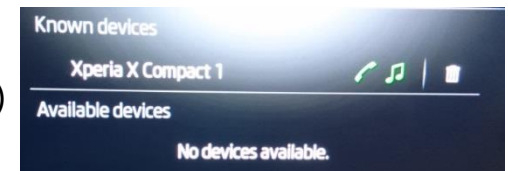
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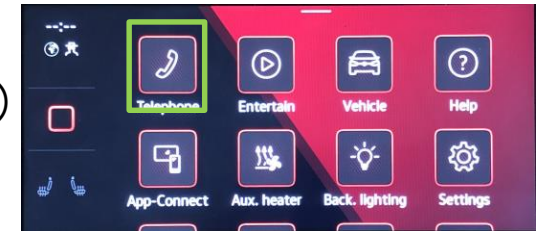


BLUETOOTH – INTERACTING WITH A MOBILE PHONE

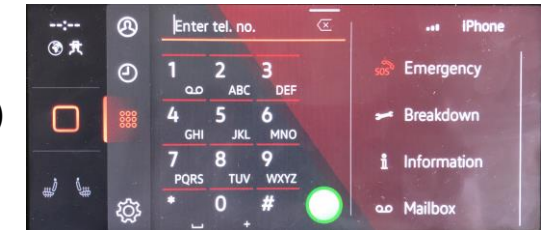
After successfully connecting to a mobile phone several new options will be available.

1. Select the icon ,*Telephone*' on the touch screen to receive more options.
2. The icon ,*Dial number*' allows to make phone, Emergency, and Breakdown calls.
3. The icon ,*Contacts*' opens the address book of the mobile phone.
5. The icon ,*Calls*'  shows incoming and outgoing calls. The icon ,*Settings*'  allows to change the mobile phone, individualize the user profile, and change Mobile phone reminder and simultaneous call settings.

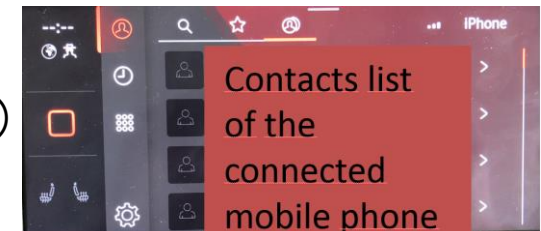
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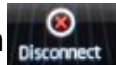
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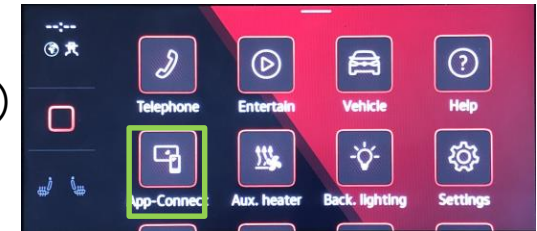
SmartLink – Android Auto, MirrorLink & CarPlay

1. Select the menu ,App-Connect‘.
2. Connect the mobile phone with the USB cable.
3. Select one of two options: Android Auto or MirrorLink. Confirm the pairing (exchange of key) on the MIB3 and the mobile phone. Allow data transfer on the mobile phone. Please note that the mobile phone needs to have the relevant apps installed.
4. Different Android Auto features can be found at the bottom of the screen:
 1. Navigation / Maps
 2. Communication / phone calls
 3. Home screen
 4. Music and audio
 5. Return to MIB3 applications.

The MIB3 will use GPS signal and media data from the mobile phone.

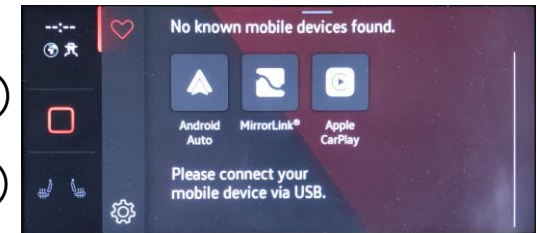
5. To disconnect the mobile phone use the ‘disconnect’ icon  .

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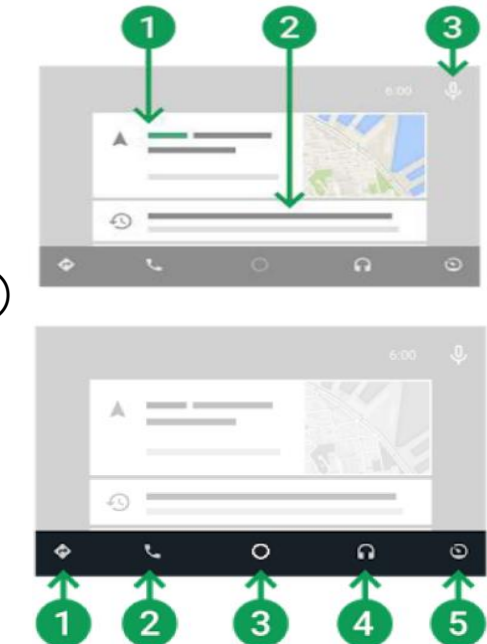


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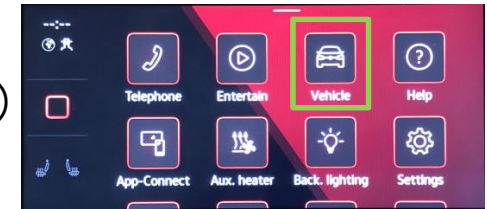


VEHICLE INFORMATION

Vehicle information can be displayed by the MIB3.

1. On the default menu screen, select the '*Vehicle*' icon or press the '*CAR*' function key.
2. Several menus can be accessed by selecting the icon '!Vehicle stat'.

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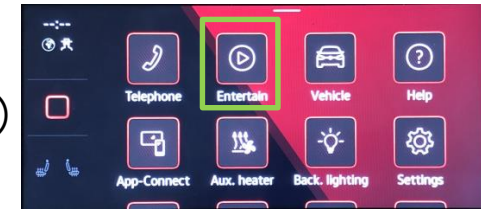


MEDIA – RADIO, USB, BT AND SMARTLINK

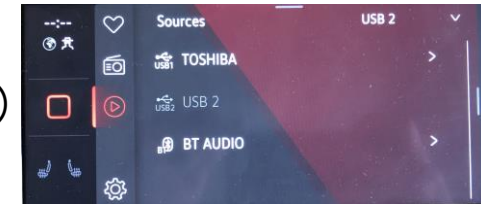
In this menu, several audio media sources can be selected for playing.

1. On the default menu screen, select the '*Audio*' icon or press the '*Audio*' function key.
2. When touching '*!Media*', different media sources can be selected such as USB1 or USB2, Bluetooth audio or Smart link.
3. When selecting USB1, USB2 or BT audio sources, a media files list opens with the common media playing and browsing functionalities.
4. The media player can be shown by swipping from right edge to left.
5. All other media settings can be accessed by touching the '*!Settings*' icon and selecting '*!Media Settings*'.

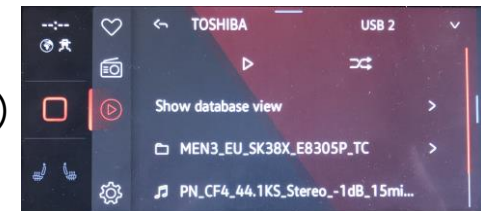
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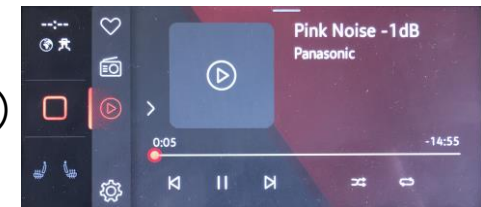
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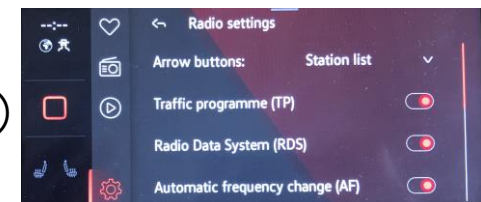
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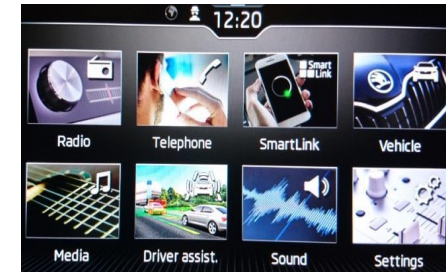
Driver Assistance

-- **this function is currently unavailable** --

In this menu, driver assistance functions can be accessed and adjusted such as cruise control, lane assist, driver alert system, etc..

1. On the default menu screen, select the 'Driver assist.' icon to access driver assistance functionalities.
2. In the 'Driver assist.' screen, graphical representations for many driver assistance functions are presented and allow the user to switch the functions on and off.
3. A complete list of driver assistance functions can be accessed and adjusted by selecting the settings icon  .

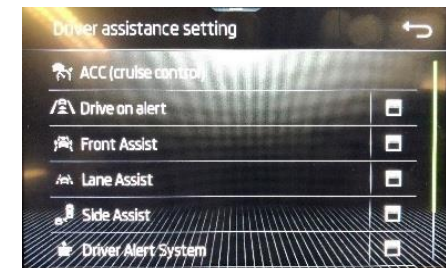
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SOUND ADJUSTMENT

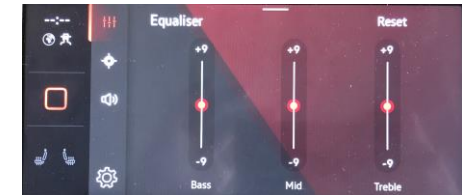
MIB3 provides several options to individualize the sound in the car.

1. Select the icon ,*Sound*' to view more options.
2. The ,*Equalizer*' menu allows basic adjustments to the sound.
3. The ,*Sound focus*' allows to control the focus point within the car.
4. The icon ,*Volume*' provides options to individualize the volume of other systems and functions.
5. The icon ,*Settings*'  allows to enable or disable touchscreen and menu button tone.

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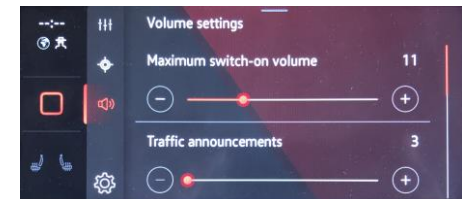
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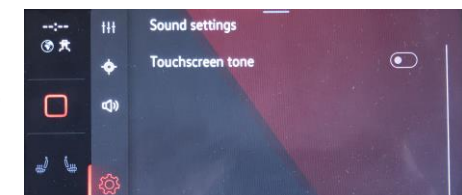
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SYSTEM SETTINGS

MIB3 system settings allow making a various amount of changes.

1. Select the icon *,Settings'* on the touch screen.

2. The following options are available:

No.	Name	Description
1	Screen	Screen off (in seconds), brightness and other functions
2	Time and date	Time and date
3	Language	Allows to change the current language
4	Additional keypad languages	Individual adding of characters
5	Units	Changing units
6	WLAN	Creating hot spot (for devices with WLAN)
7	Manage apps	Activating data transfer to Apps and managing Apps
8	Connect via Bluetooth	Switch on/off Bluetooth, control visibility of BT and BT-name
9	Factory settings	Resetting the device complete or by individual functions
10	System information	Displaying hardware and software information
11	Updates	Software updates for the head unit
12	Copyrights	Thirt party copyright information
13	Configuration wizard	Guided tour to set needed functions of MIB3

3. Using the icon  leads to the previous page.

LEGAL INFORMATION

-- ***this function is currently unavailable*** --

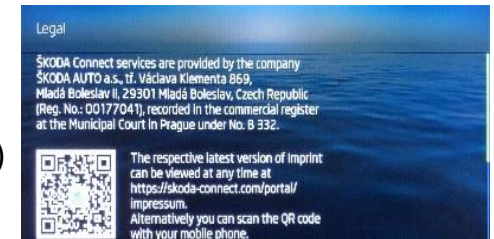
The MIB3 system allows to obtain fast legal information about the system.

1. On second page of the default menu screen (swipe left) then select the 'Legal' Icon.
2. The 'Legal' screen shows brief legal information and additional QR codes. With your mobile phone QR camera application, scan one the QR codes to visit the Skoda-Connect web pages for further legal information (②, ③).

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REGULATORY INFORMATION - EC Market

EC Market

Declaration of Conformity (DoC)

Hereby, Panasonic Automotive Systems Europe GmbH declares that the radio equipment type Car Radio System with Bluetooth is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.doc.panasonic.de>

The equipment can be used in all countries in the European Union without any restrictions.

REGULATORY INFORMATION - USA/Canada market

Modification statement / Déclaration de modification

Panasonic Automotive & Industrial Systems Europe GmbH has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Panasonic Automotive & Industrial Systems Europe GmbH n'approuve aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.

Interference statement / Déclaration de l'interférence

This device complies with Part 15 of the FCC Rules and Innovation, Science and Economic Development 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.

Le présent appareil est conforme aux CNR d'innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC Class B digital device notice

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.

CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de classe B est conforme à la norme canadienne NMB-003.

Radiation exposure statement / Déclaration d'exposition aux rayonnements

This device complies with FCC and ICSED radiation exposure limits. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est en accord aux limites d'exposition humaine aux radiofréquences exigés par FCC et l'ISDE. L'antenne doit être installée de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec une autre antenne ou autre émetteur.