



Owner's Manual
2019 A4

Audi Vorsprung durch Technik

Foreword

Thank you for choosing an Audi - we value your trust in us.

Your new Audi will allow you to experience the best in groundbreaking technology and premium quality equipment that a vehicle has to offer. We recommend that you read your Owner's Manual thoroughly so that you quickly become acquainted with your Audi and make use of all of its features.

In addition to explaining how the different features work, we provide many useful tips and information concerning your safety, how to care for your vehicle, and how to maintain your vehicle's value. We also give you useful tips and information on how to drive your vehicle more efficiently and in an environmentally-friendly manner.

We hope you enjoy driving your Audi and we wish you safe and pleasant motoring.

AUDI AG



WARNING

Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

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About this Owner's Manual

This Owner's Manual applies to all versions of this model. It contains important information, tips, suggestions, and warnings for using your vehicle.

Keep this manual in your vehicle at all times. This is especially important if you loan your vehicle to others or sell it.

This owner's manual describes the **equipment range** specified for this model at the time of printing. Individual equipment options described may only be available at a later date or may only be offered in certain countries.

Some sections in this manual do not apply to all vehicles. When this is the case, the beginning of the section indicates the **validity**, for example "Applies to: vehicles with cruise control system". Optional or vehicle-specific equipment is also identified with an asterisk ^{*}.

The **illustrations** in this manual are a guide. Some of the details in your vehicle may differ from the illustration.

All **directions**, such as "left", "right", "front" and "rear", are based on the vehicle's direction of travel.

* Optional or vehicle-specific equipment

► The section continues on the next page.

⇒ ⚠ Cross reference to a "WARNING" within a section. If a page number is indicated, the WARNING is located outside of the section.

WARNING

Text with this symbol contains information about safety and how to reduce the risk of serious personal injury or death.

Note

Text with this symbol contains information about reducing the risk of damage to your vehicle.

For the sake of the environment

Text with this symbol contains information on protecting the environment.

Tips

Text with this symbol contains additional useful information.

Telephone

Introduction

Applies to: vehicles with telephone

To make phone calls in your vehicle using the MMI, connect your cell phone to the MMI via Bluetooth.

Handsfree

After you have connected your mobile device to the MMI via Bluetooth, you can use the handsfree system and operate telephone functions through your MMI. You can make calls using the antenna on your mobile device.

With the Audi phone box*, calls are made using the exterior antenna on the vehicle. Using the external antenna helps when there is a low signal and also provides better reception quality ⇒ page 173.

WARNING

- Medical experts warn that mobile devices can interfere with the function of pacemakers. Always maintain a minimum distance of about 7.9 inches (20 cm) between the mobile device antenna and the pacemaker.
- Do not carry the mobile device in a pocket directly over the pacemaker when the phone is switched on.
- Switch the mobile device off immediately if you suspect it may be interfering with the pacemaker.
- Do not use the voice recognition system* ⇒ page 163 in emergencies because your voice may change in stressful situations. The system may take longer to dial the number or may not be able to dial it at all. Dial the emergency number manually.
- Switch your mobile device off in areas where there is a risk of an explosion. These locations are not always clearly marked. This may include gas stations, fuel and chemical storage facilities or transport vehicles, or locations where fuel vapors (such as propane or gasoline vapor in vehicles or buildings), chemicals or large quantities of dust particles (such as flour, sawdust or metal) may

be present in the air. This also applies to all other locations where you would normally turn your vehicle engine off.

- The demands of traffic require your full attention. Always read the chapter ⇒ page 144, *Traffic safety information*.

Note

Always follow the information found in ⇒ 1 in *General information on page 185*.

Tips

- The Bluetooth connection range is limited to inside the vehicle. It can also be affected by local conditions and interference with other devices.
- To learn which Bluetooth connections and which of the functions in your mobile device are supported, check with your mobile device service provider or the database for mobile devices at www.audiusa.com/bluetooth.

Setup

Connecting a cell phone using Bluetooth

Applies to: vehicles with telephone



Fig. 172 Displaying the PIN for entering in the cell phone

Requirement

The vehicle must be stationary and the ignition must be switched on.

The Bluetooth settings must be open on your mobile device during the connection setup.

The Bluetooth function and visibility of the MMI ⇒ page 242 and mobile device must be switched on.

The mobile device that will be connected must not be connected to any other Bluetooth device.

The MMI must not be connected to a mobile device.

Connecting a mobile device

- Select: **[MENU]** button > **Telephone** > **Connect mobile device** > **Find new devices** > **Next**. The available Bluetooth devices are shown in the Infotainment system display, or
- Select: **[MENU]** button > **Settings** > left control button > **MMI settings** > **Connection manager** ⇒ page 240.
- Select and confirm the desired cell phone from the list of displayed Bluetooth devices.
- The MMI generates a PIN for the connection setup ⇒ fig. 172.
- Select and confirm **Yes**.
- Enter the PIN for connecting on your cell phone, or
- when the PIN is displayed on your cell phone, confirm the PIN on your cell phone and in the MMI. The time allowed for entering the PIN is limited to approximately 30 seconds.
- Pay attention to any additional system prompts displayed on your cell phone, for example if the system should connect automatically in the future. Depending on the cell phone, you may have to confirm downloading the directory separately.

After connecting successfully

After connecting successfully, information about the connected profiles will appear. You can also change the profiles later:

- Select: **[MENU]** button > **Settings** > left control button > **MMI settings** > **Connection manager** ⇒ page 240.

In addition, the cell phone contacts are automatically loaded in the MMI directory. This process can take several minutes, depending on the number of contacts.

You can also make your connected cell phone the default phone by selecting **Set as default telephone** in the **Connection manager** ⇒ page 242.

Note

Always follow the information found in ⇒ 1 in *General information on page 185*.

Tips

- Making phone calls through the MMI is only possible using the **Handsfree** Bluetooth profile.
- You can apply additional settings to connected mobile devices using the **Connection manager** ⇒ page 240.
- You can also search for the MMI on your mobile device using the Bluetooth device search.
- You only have to pair your device one time. Bluetooth devices that are already paired automatically connect to the MMI when the Bluetooth function is switched on, when they are within range, and when the ignition is switched on. The last connected mobile device is given first priority.
- Authorizing the MMI connection on your mobile device will make it possible to connect automatically.
- Pay attention to any system prompts displayed on your cell phone, for example if the system should connect automatically in the future. Depending on the cell phone, you may also need to download the directory and confirm access to your text messages separately.
- When leaving the vehicle, the Bluetooth connection to the mobile device will automatically disconnect. Depending on your mobile device, phone calls in progress may be automatically redirected from the MMI to your mobile device so that you can continue the call on your phone.
- You can obtain more information from your mobile device service provider or from your mobile device user guide. For information on using the telephone, visit www.audiusa.com/bluetooth or contact an authorized Audi dealer or authorized Audi Service Facility.
- Applies to: vehicles without secondary phone. Several mobile devices can be paired ▶

to the MMI, but only one mobile device can be actively connected.

- Applies to: vehicles without secondary phone: A Bluetooth device that is already paired with the MMI will be disconnected if another device is paired.

Operating two mobile devices through the MMI

You can connect two cell phones to the MMI, for example your business cell phone as the primary phone and your private cell phone as the secondary phone. You can be reached in your vehicle through both cell phones.

The first connected cell phone is displayed as the primary phone in the MMI. The second cell phone is connected as the secondary phone.

The directory from the connected primary phone will always be displayed. If you would like to use the directory from the secondary phone, you must switch the primary and secondary phone ⇒ page 172.

Connecting a cell phone as the primary phone

Connect your cell phone to the MMI via Bluetooth. The first connected cell phone is displayed as the **Primary phone** in the MMI.

See ⇒ page 170, *Connecting a cell phone using Bluetooth*.

Connecting a cell phone as the secondary phone

Requirement: a cell phone must be connected to the MMI as the primary phone.

Select: **[MENU]** button > **Telephone** > right control button > **Connect secondary telephone**.

See ⇒ page 170, *Connecting a cell phone using Bluetooth*.

Example: you have connected your business cell phone to the MMI as the primary phone and your private cell phone as the secondary phone. To be able to call contacts from your private cell phone directory, you must switch the primary and sec-

ondary phone, since the directory from the primary phone is always displayed.

Switching the primary and secondary phone

Requirement: a primary phone and a secondary phone must be connected.

Select: **[MENU]** button > **Telephone** > right control button > **Switch primary and second. phone**.

Tips

- Please note that only the directory from the primary phone is always displayed.
- You can see if a cell phone is connected as the primary phone or secondary phone in the **Connection manager** ⇒ page 240.
- The device name of the connected primary phone is shown in the **Telephone** menu (such as myPhone).
- If the primary phone does not connect automatically to the MMI when the ignition is switched on, for example because it is out of the vehicle range or the Bluetooth function is switched off, then a previously paired secondary phone is automatically connected as the primary phone.
- You can send and receive messages on your primary phone as well as on your secondary phone ⇒ page 174, fig. 174. You do not need to switch your primary phone and secondary phone for this.
- You can also make your connected cell phone the default phone by selecting **Set as default telephone** in the **Connection manager** ⇒ page 242.

Using the Audi phone box

Applies to: vehicles with Audi phone box



Fig. 173 Storage compartment under the center armrest: Principle of operation: Audi phone box with connections

You can charge your mobile device battery using the Audi phone box. You can make calls through the exterior antenna* on the vehicle. Using the external antenna* helps when there is a low signal and also provides better reception quality.

Requirement: a cell phone must be connected via Bluetooth ⇒ page 170.

The options below are available:

- **Connecting to the external vehicle antenna*:** Lay the cell phone with the display facing up on the cell phone symbol in the Audi phone box ⇒ fig. 173. Make sure there are no objects between the Audi phone box and the mobile device.
- **Charge a cell phone wirelessly:** Place a Qi-capable ¹⁾ cell phone centered on the  symbol in the Audi phone box with the display facing up ⇒ fig. 173. The cell phone will charge.
- **Charge a cell phone using the USB adapter:** Connect your cell phone to the Audi music interface using a USB adapter .

You can charge your mobile device using specific USB adapters ⇒ page 224, fig. 204.

WARNING

- Loose objects can be thrown around the vehicle interior during sudden driving or braking maneuvers, which increases the risk of

¹⁾ The Qi standard makes it possible to charge your mobile device wirelessly.

an accident. Store objects securely while driving.

- The mobile device may become hot during wireless charging. Pay attention to the temperature of your mobile device and be careful when removing it from the Audi phone box.
- An alternating magnetic field is used for wireless charging. Maintain a minimum distance of approximately 2.4 in (6 cm) to the Audi phone box charging plate. The thresholds for prolonged exposure at this distance comply with ICNIRP1998. Therefore, interactions such as irritation of sensory organs, malfunctions of active implants (such as pacemakers, infusion pumps, or neurostimulators) or effects on passive implants (such as prosthetic limbs) is highly unlikely. If you have an implant, consult a medical specialist if you have any questions.

Note

Applicable to U.S.A.

Operation of the Audi phone box is subject to the following requirements of the Federal Communications Commission:

- This is a CONSUMER device.
- BEFORE USE, you MUST REGISTER THIS DEVICE with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your service provider.
- You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST be installed at least 20 cm (8 inches) from any person.
- You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider.
- WARNING: E911 location information may not be provided or may be inaccurate for calls served by using this device.

Note

Applicable to Canada

In Canada, operation of a Zone Enhancer, such as an Audi Phone Box, is subject to the following requirements of the Innovation, Science and Economic Development Canada (ISED):

- This is a CONSUMER device.
- BEFORE USE, you MUST meet all requirements set out in CPC-2-1-05.
- You MUST operate this device with approved antennas and cables as specified by the manufacturer. Antennas MUST NOT be installed within 20 cm of any person.
- You MUST cease operating this device immediately if requested by ISED or a licensed wireless service provider.
- **WARNING:** E911 location information may not be provided or may be inaccurate for calls served by using this device.

Tips

- The Audi phone box is not available in all countries. For additional information, contact an authorized Audi dealership.
- Placing the mobile device in a bag or protective sleeve inside the Audi phone box can interfere with the connection to the external antenna*.
- Metallic objects in the Audi phone box block the wireless charging of your mobile device and calls made using the exterior antenna*.
- The charging time and temperature will vary depending on the mobile device being used.
- Your mobile device can only be charged in the Audi phone box when the ignition is switched on.
- To reduce the risk of malfunctions, make sure the mobile device is positioned correctly in the Audi phone box.
- The maximum charging output is 5 watts.
- Strong transmission quality cannot be guaranteed if more than one mobile device is in the box.
- Only one mobile device at a time can be charged wirelessly in the Audi phone box.

- Audi recommends using Audi Genuine Accessories. Audi has verified their reliability, safety, and suitability.
- You can purchase a USB adapter from an authorized Audi dealer or authorized Audi Service Facility, or at specialty stores.

Using the telephone

Opening the telephone

Applies to: vehicles with telephone

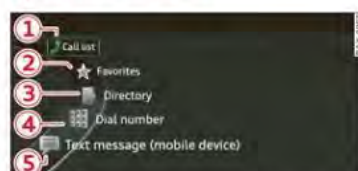


Fig. 174 Example: telephone functions in selection menu

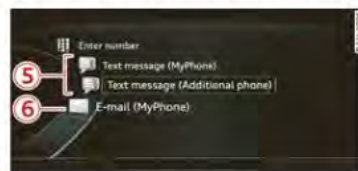


Fig. 175 Example: additional telephone functions in selection menu

Requirement: a mobile device must be connected to the MMI ⇒ page 170.

► Select: **MENU** button > **Telephone** > left control button.

The following phone functions are available ⇒ fig. 174/⇒ fig. 175:

1	Call list	175
2	Presets	177
3	Directory	180
4	Select number	175
5	Text message (MyPhone)*/Text message (secondary phone)*	177
6	E-mail (MyPhone)*/E-mail (secondary phone)*	179 ►

The device name for your cell phone is displayed in the **Telephone** menu, for example text message (myPhone) ⇒ fig. 175.

Dialing a phone number

Applies to: vehicles with telephone



Fig. 176 Number speller



Fig. 177 Dialing a phone number from the call list

► Select: **MENU** button > **Telephone** > left control button.

Call list

Requirement: the call list must contain a phone number.

Turn the control knob to display the call list.

Select and confirm the desired telephone number from the recent calls list.

Call list symbols ⇒ fig. 177:

- 1 Missed calls
- 2 Dialed numbers
- 3 Received calls

Select: a contact from the list > right control button.

- **Call:** call the selected contact.
- **Connect secondary telephone*/Switch primary and second. phone*:** see ⇒ page 172.
- **Edit phone no. before call:** edit a phone number before dialing it. Select and confirm **OK** to

edit. press the left control button to return without editing.

- **Send text message:** write a text message to the selected contact.
- **Delete call list:** select and confirm if you would like to **Delete this entry** or **Delete all entries**.
- **Store as favorite:** store the selected contact as a favorite.
- **Show contact details:** see ⇒ page 181.
- **Connection manager:** see ⇒ page 240.
- **Bluetooth settings*:** See ⇒ page 242.
- **Online settings*:** See ⇒ page 242.
- **Wi-Fi settings*:** See ⇒ page 191.
- **Telephone settings:** see ⇒ page 182.

Favorites

Requirement: a phone number or contact must be stored as a favorite ⇒ page 177.

Select and confirm a favorite in the favorites list.

Directory

Requirement: you must have at least one contact stored in your cell phone.

Select and confirm a phone number from the directory ⇒ page 180.

Enter number

- **Entering a phone number as a sequence of numbers:** enter the number using the number speller ⇒ fig. 176.
- **Entering the phone number as a sequence of letters:** select and confirm **ABC** above the number speller. Enter a sequence of letters using the letter speller, for example **AUDISERV-ICE**.
- **Dialing a phone number:** select and confirm **☎**, or push the control knob downward. Select and confirm **OK**.
- **Deleting individual characters:** select and confirm **X**.
- **Deleting all characters entered at once:** turn the control knob with the character selection to **X** and press and hold the control knob, or select: right control button > **Clear input field**.

Accepting or ending a call

Applies to: vehicles with telephone

- **Accepting a call:** select and confirm **Answer**.
- **Declining a call:** select and confirm **Decline**.
- **Muting an active call:** select and confirm **Mute**.
- **Ending a phone call/cancel dialing:** select and confirm **End call**.

Caller information: the name, phone number or **Unknown** appears in the Infotainment system display depending on if the caller has been stored in the directory and if the phone number has been transmitted. A picture may also be displayed, depending on whether you have assigned a picture to a contact in your directory and if it was transferred to your MMI. You can find out if your mobile device supports this function from your mobile device network provider, your mobile device owner's manual, or at www.audiusa.com/bluetooth.

i Tips

- The radio or media playback is muted during a phone call.
- Missed calls are displayed with a symbol in the status line of the Infotainment system display  ⇒ page 154, fig. 165.

During a phone call

Applies to: vehicles with telephone

Requirement: there must be a call in progress.

- ▶ **End call:** you can end a phone call.
- ▶ **Send tone sequence:** you can enter tone sequences (DTMF) directly using the number speller and send to the other person on the call.
- ▶ **Other call options:** press the right control button.

The following options may be possible during a call depending on the mobile device being used and the type of connection:

- **Answering an additional call:** If there is an incoming call while another call is active, you can select **Answer** to put the existing call on hold and answer the incoming call. If you select **Decline**, the incoming call will be declined.

- **Accepting an incoming call when there is an active call and a call on hold:** select **Replace**. The active call is replaced with the incoming call.
- **Muting the incoming call:** select and confirm **Mute**.
- **Additional call:** select: **Find contact > Call list/Directory/Favorites > an entry from the list**.

Mute: if you select and confirm this function, the other person on the phone cannot hear you. You will still be able to hear the other person. To turn the microphone back on, select and confirm **Unmute**.

Hold call/Resume held call: you can place the existing call on hold and resume it again. To resume the call, select and confirm the call you would like to resume.

Transfer call to mobile device*: select and confirm **Transfer call to mobile device** to transfer the existing call from the MMI to your cell phone.

Switch to hands-free mode*: Requirement: you must have a phone call in progress on your cell phone. Select and confirm **Switch to hands-free mode** to transfer the call from your cell phone back to the MMI.

Swap call: alternate between two phone calls while one of the calls is on hold. Selecting **End call** will end the active phone call. A phone call on hold can be resumed using the right control button > **Resume**.

Connection manager: see ⇒ page 240.

Telephone settings: see ⇒ page 182.

i Tips

- To be notified of an incoming call during a phone call, the *call waiting* function in your mobile device must be switched on when using the **Handsfree** profile.
- You can obtain more information from your mobile device service provider or from your mobile device user guide.
- When leaving the vehicle, the Bluetooth connection to the mobile device will automatically disconnect. Depending on your mobile device, phone calls in progress may

be automatically redirected from the MMI to your mobile device so that you can continue the call on your phone.

- The display of an incoming phone call in the Infotainment system display may still be visible for a few seconds after a call is answered or ignored depending on the cell phone in use.

Making an emergency call

Applies to: vehicles with telephone

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **Dial number** > Enter emergency call number (for example, 911) > **OK**.

⚠ WARNING

- Because your phone works with radio signals, a connection cannot be guaranteed under all circumstances. Do not rely on only your phone when it comes to essential communication (such as a medical emergency).
- Always follow the instructions given by the emergency personnel during an emergency call and only end the call when they instruct you to do so.

i Tips

Emergency numbers are not the same everywhere. Find out which emergency number is used in your current location.

Favorites

Applies to: vehicles with telephone

Up to 50 contacts, in addition to the voicemail number, can be stored in any order in the favorites list:

- ▶ Select: **[MENU]** button > **Telephone** > left control button.

Storing an existing phone number as a favorite:

- Select and confirm **Call list/Directory**.
- Select a contact or phone number from the list.
- Select: right control button > **Store as favorite**.
- Enter a name for the favorite or select a suggestion.

- Select and confirm **Save**.

Renaming stored favorites

- Select: **Favorites > a favorite from the list**.
- Select the right control button > **Rename favorite**.

Moving stored favorites

- Select: **Favorites > a favorite from the list**.
- Select the right control button > **Move favorite**.
- Select and confirm the location of the selected favorite.

Deleting a stored favorite

- Select: **Favorites > a favorite from the list**.
- Select: right control button > **Delete favorite > Delete this entry or Delete all entries**.

Messages**Text messages**

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

Depending on the mobile device being used and the mobile network contract, you may be able to receive and send text messages using the MMI.

Requirement: A cell phone must be connected to the MMI via Bluetooth MAP (Message Access Profile) ⇒ page 170.

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **text message (myPhone)/text message (secondary phone)***.

Write new text message

Select and confirm **Write new text message**.

- **Using a template:** select and confirm the desired template from the list.
- **Writing your own text*:** select and confirm **Do not use template**. Enter text using the MMI touch control pad* or the letter speller.
- Enter one or more recipients.
- Select and confirm **Send**.

Inbox

Displays all received text messages. ▶

Sent

Displays all sent text messages.

Outbox

Displays all text messages to be sent.

Drafts

Displays all text messages that have not yet been sent and stored text messages.

Deleted

Displays all deleted text messages.

i Tips

- Please note that you may have to activate the receiving and sending of text messages depending on the SIM card being used in your cell phone (for example, when using a multi-SIM). You can obtain more information from your mobile device service provider or from your mobile device user guide.
- For more information on supported mobile devices, visit www.audiusa.com/bluetooth or contact an authorized Audi dealer or authorized Audi Service Facility.
- You need a mobile device with Message Access Profile that also supports the sending function to be able to send text messages through the MMI.

Message options

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

- ▶ Select: **[TEL]** button > left control button > **text message (myPhone)/text message (secondary phone)*** > **Inbox/Sent/Outbox** > right control button.

The following options may be available depending on the selected menu.

Storing a text message as a template

Ten text message templates are stored in the MMI. You can save up to 10 additional templates of your own.

¹⁾ Not available in all languages.

- Create a text message.
- Select and confirm **Store as template**.

Resume last text message

The last edited text message can be resumed.

Reply*

A reply can be sent for the selected message in the **Inbox**.

Forward

The selected text message can be forwarded to a different recipient.

Send again*

The selected text message can be resent.

Delete this text message*

The selected text message can be deleted.

Read out¹⁾

You can have the MMI read an open text message.

Text messaging settings*

To display when a new text message is received, enable the **Text message notifications**. New text messages are indicated with an envelope  in the Infotainment system display status line.

Connection manager

See ⇨ page 240.

Bluetooth settings*

See ⇨ page 242.

Online settings*

See ⇨ page 242.

Wi-Fi settings*

See ⇨ page 191.

Telephone settings

See ⇨ page 182.

i Tips

Messages that are deleted in the MMI are also deleted in the mobile device automatically.

E-mail*

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

Depending on the type of mobile device being used, you may be able to receive and send e-mails through the MMI.

Requirement: a cell phone must be connected to the MMI via Bluetooth MAP (Message Access Profile) ⇨ page 170. You can find out if your mobile device supports this function by checking your mobile device owner's manual.

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **e-mail (myPhone)/e-mail (secondary phone)***.

Write new e-mail

Select and confirm **Write new e-mail**.

- **Using a template:** select and confirm the *desired template from the list*.
- **Writing your own text*:** select and confirm **Do not use template**. Enter text using the MMI touch control pad* or the letter speller.
- Enter one or more recipients.
- Select and confirm **Send**.

Inbox

All received e-mails are displayed.

Sent

All sent e-mails are displayed.

Outbox

All e-mails that will be sent are displayed.

Drafts

All saved e-mails that have not been sent yet are displayed.

i Note

Always follow the information found in ⇨ **i** in *General information on page 185*.

i Tips

- For more information on supported mobile devices, visit www.audiusa.com/bluetooth or contact an authorized Audi dealer or authorized Audi Service Facility.
- To ensure that your sent e-mails are received, connect your cell phone to the Wi-Fi hotspot* in the vehicle so that the e-mail app on your cell phone continues to have Internet access. If you are still not receiving e-mails even though you have a successful connection, then contact your e-mail service provider or your cell phone service provider.

Message options

Applies to: cell phones with Bluetooth Message Access Profile (MAP)

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **e-mail (myPhone)/e-mail (secondary phone)*** > **Inbox/Sent/Outbox** > right control button.

The following options may be available depending on the selected menu.

Store as template

Ten e-mail templates are stored in the MMI. You can save up to 10 additional templates of your own.

– Create an e-mail.

– Select and confirm **Store as template**.

Resume last edited e-mail

The last e-mail in progress can be resumed.

Reply*

A reply can be sent for the selected e-mail in the **Inbox**.

Reply to all*

A reply can be sent for the selected e-mail in the **Inbox** and it will be sent to all of the entered recipients.

Forward

The selected e-mail can be forwarded to a different recipient.

Delete this message*

The selected e-mail can be deleted.

Read out¹⁾

You can have the MMI read an open e-mail.

E-mail settings*

To display when a new e-mail is received, activate the **E-mail notifications**. New e-mails are indicated with an envelope icon in the Infotainment system display status line.

Connection manager

See ⇨ page 240.

Bluetooth settings*

See ⇨ page 242.

Online settings*

See ⇨ page 242.

Wi-Fi settings*

See ⇨ page 191.

Telephone settings

See ⇨ page 182.

i Tips

- Messages that are deleted in the MMI are also automatically deleted in the connected cell phone.
- You cannot read any messages while driving.

Listening to voicemail

Applies to: vehicles with telephone

- ▶ Select: **[MENU]** button > **Telephone** > left control button. Select and confirm **Call list/Directory/Favorites** > **Voicemail**.

Requirement: there must be no voicemail number stored.

- **Entering the voicemail number:** enter the desired number. Select and confirm **OK**.

¹⁾ Not available in all languages.

Requirement: a voicemail number must be stored.

- **Dialing the voicemail number:** select and confirm **Voicemail**.

i Tips

- This service must be set up and activated in advance by the cell phone service provider. You can obtain more information from your cell phone service provider.
- The voicemail number depends on the cell phone service provider.

Directory**Opening the directory**

Applies to: vehicles with telephone



Fig. 178 Directory

After connecting the cell phone, the contacts in it are automatically imported into the MMI.

Requirement: you must have at least one contact stored in your cell phone.

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **Directory**.
- **Calling a contact:** select and confirm a contact from the directory. The phone numbers for the selected contact are displayed. To make the call, select and confirm a phone number.
- **Free text search for a contact:** see ⇨ page 153.

Contacts are displayed in alphabetical order and can be sorted by first or last name ⇨ page 183, **Sort order**.

The directory can be opened through the **Telephone** menu as well as through the **Navigation*** menu.

i Tips

- Additional information on free text searches can be found under ⇨ page 153.
- Check for a possible request to synchronize on your cell phone. Requests to synchronize the directory must be confirmed so that your cell phone contacts can be loaded into the MMI.
- The contact display in the MMI depends on the mobile device being used. For more information on supported mobile devices, visit www.audiusa.com/bluetooth or contact an authorized Audi dealer or authorized Audi Service Facility.
- Please note that only the directory from the primary phone* is always displayed.
- The contacts from the mobile device may not be transferred in alphabetical order. If there are too many entries, contacts with different first letters may be missing in the MMI.
- The contacts in the local MMI memory are always visible and can be accessed by other users.

Free text search for a contact

Applies to: vehicles with telephone

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **Directory**.
- ▶ To limit the search, enter the initials of the contact being searched with each initial separated by a space in the input field. Enter additional letters if necessary.
- ▶ Select and confirm a contact from the directory. The phone numbers for the selected contact are displayed.
- ▶ To make the call, select and confirm a phone number.

i Tips

- You can scroll through long lists quickly by turning the control knob quickly. The scrolling speed depends on the number of list entries.
- Additional information on free text searches can be found under ⇨ page 153.

Showing contact details*

Applies to: vehicles with telephone



Fig. 179 Principle of operation: Showing contact details

You may be able to show contact details depending on the vehicle equipment:

- ▶ Select: **[MENU]** button > **Telephone** > left control button.
- ▶ Select and confirm **Directory** > a contact from the directory.
- ▶ Select: right control button > **Show contact details**.

- **Calling:** select and confirm the desired telephone number.
- **Navigating:** to start navigation, select and confirm the desired address. Select and confirm **Start route guidance**.

Press the right control button to open additional options for the contact details.

- **Add destination:** To start navigation, select and confirm the desired address. Select and confirm **Start route guidance**.
- **Store as favorite:** See ⇨ page 177.
- **Send text message*:** You can send a text message to the selected contact ⇨ page 177.
- **Delete contact:** The selected contact can be deleted.

i Tips

- Contacts edited in the MMI directory cannot be automatically updated in the connected cell phone. Audi recommends editing cell phone contacts directly in the cell phone.
- Only the contacts in the local MMI memory can be edited or deleted.

Importing and exporting contacts

Applies to: vehicles with telephone

Contacts in vCard format (.vcf) can be imported into the directory or exported.

Requirement: an SD card must be inserted in one of the SD card readers* ⇒ *page 219* or a USB storage device must be connected to the Audi music interface* ⇒ *page 224* or the requirements for Audi connect Infotainment services* must be met ⇒ *page 185*.

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **Directory**.
- ▶ Select: right control button > **Contact settings**.

- **Importing contacts from a storage device:** select and confirm **Import contacts > SD card 1/SD card 2 or USB device 1/USB device 2 > desired contacts > Start import**.
- **Exporting contacts to a storage device:** select and confirm **Export contacts > SD card 1/SD card 2 or USB device 1/USB device 2 > desired contacts > Start export**.
- **Selecting all contacts at once to import/export:** select and confirm **Import contacts/Export contacts > SD card 1/SD card 2 or USB device 1/USB device 2 > All > Start import/Start export**.

Tips

- Always read the chapter ⇒ *page 185*, *Audi connect*.
- For additional information on the myAudi account, visit www.audiusa.com/myaudi.
- The imported contacts are stored in the local memory of the directory.
- A maximum of 1,000 contacts can be imported. You can check the directory memory capacity at any time ⇒ *page 183*.
- Never save important data on memory cards or USB storage devices. Audi is not responsible for damaged or lost files and media.
- Contacts that were downloaded from a mobile device cannot be exported.

- There should be no other files or folders on the storage medium containing the contacts to be imported.

Additional settings

Telephone settings

Applies to: vehicles with telephone

- ▶ Select: **[MENU]** button > **Telephone** > right control button > **Telephone settings**.

Call options*

Call forwarding: you can switch the forwarding of incoming calls to your voicemail or to another phone number on and off. You can check if the function is activated or deactivated with **Check status**.

Call waiting: you are alerted to an incoming call during a phone call when the function is switched on ☒. You can check if the function is activated or deactivated with **Check status**.

Send own telephone number: sending your phone number with an outgoing call can be activated and deactivated. With the **Network-dependent** setting, the setting listed in the contract with the cell phone service provider is used. The settings only apply to the **Telephone** menu in the MMI. Please note that the settings on your mobile device will apply after disconnecting the Bluetooth connection. You can check if the function is activated or deactivated with **Check status**.

Ringtone and volume settings¹⁾

Using the **Mute telephone** function, you can switch the ringtone playback through the MMI speaker on and off. You can play the ringtones using the **Ringtone** function. Select and confirm an entry from the list. For the **Ringtone volume/Message volume** settings, see ⇒ *page 244*. The **Microphone input level** can be adjusted during a phone call using the control knob. ▶

Tips

- Several mobile devices can be paired with the MMI, but only two* mobile devices can be actively connected.
- To delete all paired Bluetooth devices, the **Bluetooth** function can be reset to the factory default settings ⇒ *page 240*.

Additional options

- ▶ Select: **[MENU]** button > **Telephone** > right control button.
- **Connection manager:** See ⇒ *page 240*.
- **Bluetooth settings*:** See ⇒ *page 242*.
- **Online settings*:** See ⇒ *page 242*.
- **Wi-Fi settings*:** See ⇒ *page 191*.

Directory settings

Applies to: vehicles with telephone

- ▶ Select: **[MENU]** button > **Telephone** > left control button > **Directory** > right control button > **Contact settings**.

Memory capacity

Shows the **Memory capacity** for the directory.

Troubleshooting

Applies to: vehicles with telephone

Problem	Solution
Pairing the cell phone to the MMI failed.	Make sure the requirements for connecting a cell phone have been met ⇒ <i>page 170</i> , or make sure you did not accidentally decline the PIN for establishing a connection on your cell phone. If necessary, repeat the pairing process ⇒ <i>page 170</i> .
After pairing, not all contacts or no contacts have been loaded into the MMI.	Avoid using special characters in names. Avoid using contact groups on your cell phone. ▶

You can manage up to 17,000 contacts with the directory. You can load up to 4,000 contacts from your cell phone into each directory. You can also import up to 1,000 contacts from a storage device.

Sort order

You can sort the contacts in your directory alphabetically according to **Last name** or **First name**.

Import contacts/Export contacts

See ⇒ *page 182*.

Download directory

To update the contacts in the MMI, you can manually download your mobile device contacts. Depending on the mobile device, you may need to disconnect and reconnect the Bluetooth connection to update the contacts.

Hide contacts without phone number

When this function is switched on, grayed-out contacts that have no phone numbers stored for them will be hidden in the directory.

¹⁾ Depends on the connected cell phone.

Problem	Solution
Certain telephone functions are grayed out or not available.	The telephone functions depend on the mobile device service provider and the mobile device you are using. You can obtain more information from your cell phone service provider, in your cell phone user guide or in the database for mobile devices at www.audiusa.com/bluetooth .
Some telephone functions may be switched off or not available, even though the mobile device is supported.	On corporate phones, some Bluetooth settings may not be compatible or the cell phone Bluetooth function may be deactivated. You can obtain more information from your system administrator.

Audi connect

General information

Depending on the country and the vehicle equipment, the following functions may be available:

- Audi connect Infotainment
- Audi connect vehicle control

You can also find more information on Audi connect online at www.audiusa.com.

WARNING

- To reduce the risk of an accident, only use Audi connect services when road and traffic conditions permit. Always read and follow the notes in *⇒ page 144, Traffic safety information*.
- It is only safe to use tablets, laptops, mobile devices and other similar devices when the vehicle is stationary because, like all loose objects, they could be thrown around the inside of the vehicle in a crash and cause serious injuries. Store these types of devices securely while driving.
- As the driver, do not allow usage of the Wi-Fi hotspot to distract you from driving, as this could increase the risk of an accident.
- Do not use any wireless devices on the front seats within range of the airbags while driving. Also read the warnings in the chapter *⇒ page 264, Front airbags*.
- To reduce the risk of an accident, use the Audi connect Infotainment services with a Wi-Fi hotspot only in the rear seat when the vehicle is in motion, or only when the vehicle is stationary.

Note

- Applies to: embedded SIM card usage: The connection costs of Audi connect Infotainment services are included in the price of Audi connect Infotainment during the subscription period with some exceptions. Please note that there may be additional charges when using some services. For example, this applies to Internet radio/podcasts or for Internet connections and

services that use the Wi-Fi hotspot, such as online media sources. Depending on the country, data plans may need to be purchased for these services *⇒ page 192*. For additional information, see www.audiusa.com/myaudi.

- In certain situations, the Wi-Fi hotspot data connection may be established as a replacement for the SIM card on your Wi-Fi device. This feature depends on the configuration of your Wi-Fi device and operating system. This could result in fees depending on your cell phone service provider, especially if you are using this feature while abroad. A flat rate data plan is strongly recommended. For more information, contact your cell phone service provider or refer to the owner's manual for your Wi-Fi device.
- You are responsible for all precautions taken for data protection, anti-virus protection, and protection against loss of data on mobile devices that are used, for example, to access the Internet through the Wi-Fi hotspot.

Tips

- The availability of services depends on the subscription.
- AUDI AG provides access to services from third party providers. Permanent availability cannot be guaranteed, because that depends on the third party provider.
- Use of the most up-to-date mobile network standard is not available in every country. Contact an authorized Audi dealer or authorized Audi Service Facility or your cell phone service provider for additional information.
- Audi connect Infotainment services are only available within the cell phone network coverage from your cell phone service provider.
- Availability, scope, providers, screen display, and costs of services may vary depending on the country, model, model year, end device and rates.

Audi connect Infotainment

Description

Applies to: vehicles with Audi connect Infotainment

With Audi connect Infotainment services, online information is transmitted directly to the vehicle.

An Internet connection is required to use Audi connect Infotainment. Depending on the country and the vehicle equipment, the following options may be available:

- Embedded SIM card

WARNING

Always follow the information found in  in General information on page 185.

Note

Always follow the information found in  in General information on page 185.

Embedded SIM card

Applies to: vehicles with Audi connect Infotainment and an embedded SIM card

The data connection for Audi connect Infotainment services is made through an embedded SIM card (eSIM card) that is installed in the vehicle. You can use the Audi connect Infotainment services immediately.

Note

Always follow the information found in  in General information on page 185.

Using a Wi-Fi hotspot

Applies to: vehicles with Wi-Fi hotspot

You can connect up to eight Wi-Fi devices (such as smartphones) with the MMI Wi-Fi hotspot. If the MMI is connected to the Internet  page 186, the connected Wi-Fi devices can also use the MMI's Internet connection.

Requirement: the ignition must be switched on.

- ▶ Select:  button > **Telephone** > right control button > **Wi-Fi settings** > **Wi-Fi**. Switch on the Wi-Fi hotspot.
- ▶ Select:  button > **Telephone** > right control button > **Wi-Fi settings** > **Network key**. The access data for the Wi-Fi hotspot is displayed. Switch on the visibility of the Wi-Fi hotspot if necessary.
- ▶ Switch the Wi-Fi function on in your mobile device and connect it to the MMI Wi-Fi hotspot using the authentication data that is shown.
- ▶ Follow any additional system prompts on your Wi-Fi device if necessary.

Your device is successfully connected with the MMI's Wi-Fi hotspot.

WARNING

Always follow the information found in  in General information on page 185.

Note

Always follow the information found in  in General information on page 185.

Audi connect Infotainment services

Configuration

Applies to: vehicles with Audi connect Infotainment

Requirement: your vehicle must be connected to the Internet  page 186.

Some Audi connect Infotainment services must be configured through your personal myAudi account before using them for the first time.

- ▶ Register at www.audiusa.com/myaudi.
- ▶ Add your vehicle to your myAudi account.
- ▶ Select:  button > **Audi connect** > right control button > **Log in**.
- ▶ Log in to myAudi in the vehicle using your e-mail address and password.

Tips

- For some Audi connect Infotainment services, you may also have to enter your myAudi access information when accessing services in the MMI.

- Some Audi connect Infotainment services must be activated at www.audiusa.com/myaudi.
- Regardless of the key user and additional users, you can only connect one myAudi account to your vehicle.
- To make logging in easier in the vehicle, you will receive an 8-digit myAudi PIN as an alternative to your myAudi password after you have created a myAudi account.
- For detailed information on configuration, visit www.audiusa.com/myaudi.

Accessing Audi connect Infotainment

Applies to: vehicles with Audi connect Infotainment

- ▶ Select: the  button > **Audi connect**.

A list of all of the available Audi connect Infotainment services is shown on the Infotainment system display.

You can also filter the Audi connect Infotainment services by category:

- ▶ Select:  button > **Audi connect** > left control button > for example, **Navigation** for the Audi connect Infotainment services in the navigation menu.

Basic functions

Applies to: vehicles with Audi connect Infotainment

- ▶ Select:  button > **Audi connect** > desired Audi connect Infotainment service > right control button.

Depending on the equipment and the Audi connect Infotainment service selected, the following basic functions may be available:

Save as preview

You can also see a preview of the selected Audi connect Infotainment services on the Audi connect Infotainment home page.

Show on map

You can show selected contents on the map and use them for route guidance.

Log in

See  page 186.

Read out¹⁾

You can allow the MMI to read out the selected contents.

Call

If a phone number was assigned to an entry, you can call the number, for example to reserve tickets.

Refresh

The contents for the selected Audi connect Infotainment service are refreshed.

Start route guidance

If a location was saved with an entry, you can use it as the navigation destination. Route guidance starts immediately.

Change search area

The set search area can be changed at any time. Additional information on search areas can be found under  page 199.

Closing Audi connect Infotainment services

Regardless of the function selected, you can close an Audi connect Infotainment service at any time and return to the home screen.

Services

Applies to: vehicles with Audi connect Infotainment

Depending on the country and the vehicle equipment, the following services may be available:

Weather

Information on current weather conditions as well as weather forecasts for the selected search area.

- ▶ Select and confirm **Weather**.

News

- ▶ Select: **Online news** > desired newsfeed > a headline.

¹⁾ Not available in all languages.

If you logged in to myAudi in your vehicle → page 186, personalized newsfeeds can be displayed.

Twitter

Requirement: You must have connected your vehicle with myAudi → page 186. You must have connected your myAudi account with Twitter.

You can only connect one Twitter account with your myAudi account. Not all settings can be adjusted in the MMI. Some can only be adjusted through the Twitter website.

- ▶ Select: **Twitter** > left control button > *desired function* (for example, **Trends**).

WARNING

Always follow the information found in ⚠ in *General information* on page 185.

Note

Always follow the information found in ⓘ in *General information* on page 185.

Additional options

Applies to: vehicles with Audi connect Infotainment

- ▶ Select: **MENU** button > **Audi connect** > right control button.

Depending on the equipment and the country, the following options may be available in the overview of Audi connect Infotainment services:

About Audi connect

Here you will find legal information regarding Audi connect Infotainment usage.

Log in

See → page 186.

Connection manager

See → page 240.

License subscription

The validity and expiration date of your licenses are displayed.

Refresh

The content of the selected Audi connect Infotainment service or the entire Audi connect Infotainment list is updated.

Data privacy

Requirement: the ignition must be switched on. Location, vehicle, and personal data are transmitted when using Audi connect services.

Allowing sending of data

- Select and confirm **Activate data connection**. The data module for the use of all Audi connect services will be active.

Restricting sending of data

- Select and confirm **Activate privacy**. The data connection is limited or deactivated depending on the equipment. The majority of Audi connect services will not be available.

The following interfaces are not affected by this setting: Bluetooth, Bluetooth Low Energy (BLE), Wi-Fi connection, Audi smartphone interface (ASI), Near Field Communication (NFC), charging communication (e-tron), Electronic Toll Collect (ETC), if equipped.

Note

Always follow the information found in ⓘ in *General information* on page 185.

Tips

- If the transmission of data is limited, data will still be transmitted to verify subscriptions.
- If the transmission of data is limited, it will have the following effects on the exchange of data for Audi connect services and emergency calls, if equipped:
 - The emergency call function will remain available without restrictions and will continue to transmit data.
 - If an online roadside assistance call is initiated, no data will be transmitted, but a call will be made.

- If the Geofencing Alert, Speed Alert, and/or Valet Alert services have been activated by the key user, then they will remain available without restrictions and continue to transmit data.

Audi connect vehicle control services

Description

Applies to: vehicles with Audi connect vehicle control.

With Audi connect vehicle control services¹⁾, you can utilize various services using the myAudi app or online at www.audiusa.com/myaudi.

WARNING

Always follow the information found in ⚠ in *General information* on page 185.

Tips

- Accessing specific data or controlling functions remotely depends on the charge level of the vehicle battery. Therefore, these functions only have limited availability after switching off the ignition.
- An eSIM card establishes the Internet connection for Audi connect vehicle control services. The costs for this are included in the price of Audi connect vehicle control services. The cell phone network, for example, must be available to use these services.

Setup

Applies to: vehicles with Audi connect vehicle control

For some Audi connect vehicle control services, the vehicle owner must be set up as the key user.

Set key user

Requirement: a key user must not be set yet. The ignition must be switched on.

- ▶ To set a key user for the vehicle, you will need a myAudi account. Register at www.audiusa.com/myaudi.

¹⁾ Depends on the country and equipment. These services are available for a limited time.

- ▶ Link your vehicle to the account at www.audiusa.com/myaudi and then verify your myAudi account immediately in order to use the Audi connect vehicle control services.
- ▶ You can also verify your myAudi account later. Log in at www.audiusa.com/myaudi with your access information and verify your myAudi account in user management using the verification process that is given.
- ▶ Select: **MENU** button > **Audi connect** > if necessary, **Display available functions** > right control button > **Audi connect user management** > **Key user** > **Set key user**.
- ▶ Enter your myAudi user name and the 10-digit vehicle code → page 29. The key user is set. You have the rights to use the Audi connect vehicle control services → page 190 as well as the ability to manage other vehicle functions and any other users.

Resetting the primary user

If you remove the key user, all other users and their authorizations will be deleted. It will no longer be possible to use the Audi connect vehicle control services.

Requirement: a key user must be set. The ignition must be switched on.

- Select: **MENU** button > **Audi connect** > right control button > **Audi connect user management** > **Key user** > **Reset key user**.

Using the myAudi app

- ▶ Install the myAudi app on your mobile device and log in with your access information.

Tips

- If you sell your vehicle, reset the key user and restore all settings to the factory default settings → page 240.
- It may also be necessary to enter your 4-digit myAudi PIN when accessing some Audi connect vehicle control services.

- Store the vehicle code in a secure place. It may be necessary to re-enter the vehicle code.
- Pay attention to upper- and lower-case letters when entering the vehicle code.
- If you do not have the 10-digit vehicle code, contact an authorized Audi dealer or authorized Audi Service Facility.

Additional options

Applies to: vehicles with Audi connect vehicle control

License subscription

The validity and expiration date of your subscriptions are displayed. When this function is activated, you will be notified before your subscription expires.

Select: **[MENU]** button > **Audi connect** > **Display available functions** > right control button > **License subscription**.

Warning levels

Requirement: the primary user must have set one or more warning levels. Secondary users can only see if a warning level is active or not.

Select: **[MENU]** button > **Audi connect** > right control button > **Alerts**.

Services

Applies to: vehicles with Audi connect vehicle control

Depending on the country and the vehicle equipment, the following services may be available:

Remote locking and unlocking

Requirement: the vehicle must be parking and the ignition must be switched off.

This service allows you to unlock or lock your vehicle.

Vehicle status report

This service transfers driver information system data to a server. Depending on the vehicle equipment, certain data may be accessed, such as the remaining range or mileage. The values may differ from the values displayed in the vehicle.

Car Finder

This service transmits the parking location to a server when the ignition is switched off. The vehicle location, your location, or the route to your vehicle can be displayed. The new parking location cannot be determined with this service if the vehicle is moved after shutting the vehicle off and without switching the ignition on and off again, for example if the vehicle is towed or stolen.

– **Deactivating and activating the parking position:** Select: **[MENU]** > **Audi connect** > **Car finder**.

Online Audi service request

Requirement: the service must be activated online at www.audiusa.com/myaudi and an authorized Audi dealer or authorized Audi service facility must be selected.

This service transmits service-relevant data to your selected authorized Audi dealer or authorized Audi service facility. They will contact you before your next service appointment.

Stolen Vehicle Locator

This service assists you in locating your vehicle if it is stolen.

- Contact the police. You receive a Case ID.
- Call the service hotline and give your Case ID.

The service hotline will forward the established data to the police. You receive the Audi Service hotline number when you purchase your vehicle.

Geofencing Alert

Requirement: a key user must be set in the vehicle ⇒ [page 189](#).

This service allows you to set permitted and forbidden zones for your vehicle as well as set time limits for these zones. If your vehicle leaves a permitted zone or enters a forbidden zone, you will be notified with a push notification and/or an e-mail.

Speed Alert

Requirement: a key user must be set in the vehicle ⇒ [page 189](#).

You can set up to two speed limits for your vehicle using this service. If your vehicle exceeds a set speed limit, you will be notified with a push notification and/or e-mail.

Valet Alert

Requirement: a key user must be set in the vehicle ⇒ [page 189](#).

If you give your vehicle to a parking service, you can set a zone and a speed limit using the myAudi app. If the vehicle leaves the zone or exceeds the speed limit, you will be notified with a push notification and/or e-mail.

WARNING

Do not ignore messages and warning or indicator lights that turn on in the vehicle because of the information in the vehicle status report. This could lead to break downs in on the road, accidents and serious injuries.

Tips

For some services, you can select if you would like to be notified with a push notification and/or an e-mail.

Settings

Cell phone network

- ▶ Select: **[MENU]** button > **Audi connect** > right control button > **Connection manager**.
- ▶ Select: right control button > **Online settings** > **Data connection settings**.

Depending on the country, vehicle equipment, and connection type, the following functions may be available:

Data connection settings

Using the **Data connection settings** menu, you can set when the system should connect to the Internet. The Internet connection disconnects automatically once the requested Audi connect Infotainment service no longer requires any data.

- **Connection setup:** you can select when a data connection should be established.

- **Audi connect (MMI):** when this function is switched on, a data connection is automatically established in order to use Audi connect Infotainment services.
- **Wi-Fi devices:** when this function is switched on, you can allow or deny Internet connections.

WARNING

Always follow the information found in ⇒ [⚠](#) in *General information on page 185*.

Note

Always follow the information found in ⇒ [📌](#) in *General information on page 185*.

Tips

For more information on roaming charges, contact your cell phone service provider.

Wi-Fi settings

Applies to: vehicles with Wi-Fi hotspot

Requirement: the ignition must be switched on.

- ▶ Select: **[MENU]** button > **Telephone** > right control button > **Wi-Fi settings**.

Depending on the country and the vehicle equipment, the following functions may be available:

Wi-Fi

When the function is switched on, the MMI's Wi-Fi hotspot is active and Wi-Fi devices can be connected to the hotspot.

Network key

The Wi-Fi connection between the MMI and your Wi-Fi device is encrypted. You can change the following information if needed.

- **Access point (SSID):** Wi-Fi hotspot name.
- **Password:** a random password was set in the MMI at the factory. The password can be changed. The encryption method requires a password to be at least eight characters long. Choose a secure password.
- **Visible to others:** you can switch the visibility of the Wi-Fi hotspot on or off.

WARNING

Always follow the information found in  in *General information on page 185*.

Note

Always follow the information found in  in *General information on page 185*.

Tips

In vehicles without Audi connect Infotainment, the use of the Wi-Fi hotspot is only possible for the Wi-Fi audio player*. A data connection to the Internet cannot be established.

Data plans²¹

Applies to: vehicles with data plans

Requirement: You must have a registered myAudi account at www.audiusa.com/myaudi. Your vehicle must be registered in your myAudi account.

You can purchase data plans at www.audiusa.com/myaudi.

WARNING

Always follow the information found in  in *General information on page 185*.

Note

Always follow the information found in  in *General information on page 185*.

Tips

- Please note that any vehicle passenger can delete the SIM owner.
- The associated vehicle is not automatically deleted from the customer portal for the cell phone service provider when you delete the SIM owner in the vehicle. If selling your vehicle, you should delete the vehicle from the customer portal for the cell phone service provider.

ice provider to avoid being charged for additional purchases.

Data Privacy

Applies to: Vehicles with Audi connect Infotainment

AUDI AG collects, uses, stores and shares your personal information, such as contact data, vehicle data, usage data, driving data and precise geolocation, in order to provide you with the products and services you have purchased or requested, and for a number of other purposes, for example, to track quality issues, to performance and safety, to meet our internal compliance or legal requirements and to market to customers and potential customers. For a more complete list of the data we collect, how we use it and with whom we share it, please visit your Audi national/sales region website at www.audi.com.

The collection, use and sharing may vary depending on your model and model year, your subscription status, or the service offering. For example, collection, use and sharing may vary between Audi connect services, if you have designated a key user, or if you are driving a model equipped with persistent data logging. Please review the complete Privacy Statement to understand our data handling practices with respect to a particular service.

You can find additional information about our data privacy practices in your MMI.

- Select: **MENU** button > **Audi connect** > right control button > **About Audi connect**.

Information about our privacy practices in conjunction with the mobile Audi connect application can be found in the Application's Privacy Statement.

For additional information about the privacy practices relating to Audi connect, myAudi, or other websites, applications or online services as well as your obligations with respect to using these services, and for additional information regarding Audi connect terms and conditions, ►

please visit your Audi national/sales region website at www.audi.com.

Troubleshooting

Applies to: vehicles with Audi connect Infotainment

The information that follows lists some troubleshooting options. They depend on the equipment.

Problem	Solution
Audi connect Infotainment services: individual Audi connect Infotainment services are grayed out or not available.	Some Audi connect Infotainment services must be activated or configured through your personal myAudi account before using them for the first time. You can find detailed information online at www.audiusa.com/myaudi .
Wi-Fi hotspot: it is not possible to connect through Wi-Fi.	Check if Wi-Fi is activated in the MMI  <i>page 191</i> . Delete all existing Wi-Fi connections on your mobile device and restart it.

²¹ Not available in every market.

Emergency call

Introduction

Applies to: vehicles with emergency call function

Depending on the country and the vehicle equipment, the following functions may be available.

With the **emergency call**, you can call for help in dangerous situations as quickly as possible. Use this function when emergency help is needed → page 194.

With **online roadside assistance**, you can request assistance if there is a breakdown or a minor accident → page 195.

Tips

- The services are provided through a SIM card installed in the vehicle. The cost of the call and data connections is included in the price of the services. Services are provided assuming that the cell phone network required for the installed SIM card is functioning and available for use. The available services set by Audi AG are only available within the cell phone network coverage area for the cell phone service provider selected by Audi AG.
- You can find what data will be transferred at www.audiusa.com.

Emergency call

Description

Applies to: vehicles with emergency call function

An emergency call is a combination of data transmission and a phone call. The data transmission from your vehicle forwards important information, such as the vehicle and position data, to the emergency call center.

Tips

- The emergency call function cannot be deactivated in the Infotainment system settings.
- The availability of the services offered depends on the country and may change in the future.

Making an emergency call

Applies to: vehicles with emergency call function

The emergency call can be made two different ways.



Fig. 180 Front headliner: cover for the emergency call button

Requirement: the LED (2) must be green.

Manual emergency call

Requirement: the ignition must be switched on.

- ▶ Tap the cover (1) to open it.
- ▶ Press and hold the emergency call button until the LED (2) blinks green. The emergency call will be made.
- ▶ If the emergency call button is pressed by mistake, then press it again immediately and hold it until the LED stays green. The emergency call will be canceled.

Automatic emergency call

The vehicle electrical system initiates an automatic emergency call under certain circumstances, for example if an airbag deploys. The LED in the emergency call button (2) blinks green. The emergency call will be made. It cannot be canceled.

The LED indicates the status of the system as follows:

- **Green** – the emergency call function is available.
- **Red** – there is a malfunction in the emergency call function. Contact an authorized Audi dealer or authorized Audi Service Facility. Note the messages about the availability of the emergency function → page 195.

– **Off** – the emergency call function is not available, perhaps because no network is available.

Tips

If the emergency call is canceled due to a poor connection, then the system automatically tries to connect again.

Messages

Applies to: vehicles with emergency call function

Emergency call function: malfunction! Restricted functionality. Please contact Service

If this indicator light turns on and this message appears, the emergency call function is restricted. For example, you cannot call the emergency call center, but data may still be transmitted under certain circumstances. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Emergency call function: malfunction! Function unavailable. Please contact Service

If this indicator light turns on and this message appears, you cannot make an emergency call. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected.

Online roadside assistance

Description

Applies to: vehicles with online roadside assistance

An online roadside assistance call ¹⁾ is a combination of data transmission and a phone call. The data transmission from your vehicle forwards important information to the Audi service center, such as the vehicle and position data.

¹⁾ The availability of the services offered depends on the country and may change in the future.

Calling online roadside assistance

Applies to: vehicles with online roadside assistance



Fig. 181 Front headliner: online roadside assistance button

Calling online roadside assistance

- ▶ Press the button (3). The LED in the button turns red. The online roadside assistance call will be made.
- ▶ If you press the button (3) by mistake, then press it again. Or
- ▶ Select and confirm **Cancel** or **End call** in the Infotainment system.

Audi incident assistance

A minor accident may be detected by the vehicle electrical system. You have the option of selecting between **Call online roadside assistance** or **Make emergency call**.

- ▶ Select one of the options and confirm it by pressing the control knob.

Tips

If the roadside assistance call is canceled due to a poor connection, then the call must be made again.

Service Facility, who will perform the work according to Audi factory specifications. Only Audi Genuine Parts are used when Audi experts perform repair or service procedures. Failure to use Audi Genuine Parts or Audi Genuine Accessories or performing repairs incorrectly may result in severe vehicle damage, such as corrosion.

Accessories and parts

Consult with an authorized Audi dealer or authorized Audi Service Facility before purchasing accessories or replacement parts. We recommend that you have your vehicle serviced by an authorized Audi dealer or authorized Audi Service Facility and that Audi Genuine Parts and Audi Genuine Accessories are used.

Audi does not endorse the use of products and accessories that it has not evaluated, even if the product is approved by a certified testing agency or government agency.

WARNING

- Installing unapproved accessories or incorrect replacement parts can cause vehicle damage and can increase the risk of an accident.
- Never attach accessories, such as telephone holders or cup holders, to the airbag covers or within the airbag deployment zone, because this increases the risk of injury if the airbag deploys.
- Do not use a license plate bracket on the front bumper that is different from the bracket installed at the factory, and do not attach any additional brackets.

Note

A correctly-installed exterior antenna is required for operating radio equipment in the vehicle. Otherwise, the increased electromagnetic waves can cause malfunctions in the vehicle. Observe the regulations in the country where the vehicle is being operated and the instructions from the radio equipment manufacturer.

Reporting Safety Defects

Applicable to U.S.A.

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying

Audi of America, Inc.
2200 Ferdinand Porsche Drive
Herndon, VA 20171

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Audi of America, Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>;

or write to:

Administrator NHTSA
1200 New Jersey Ave.,
S.E. West Building
Washington, DC
20590.

You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

Applicable to Canada

If you live in Canada and you believe that your vehicle has a defect that could cause a crash, injury or death, you should immediately inform Transport Canada, Defect Investigations and Recalls. You should also notify Audi Canada.

Canadian customers who wish to report a safety-related defect to Transport Canada, Defect Investigations and Recalls, may either call Transport Canada toll-free at:

Tel.: 1-800-333-0510 or
Tel.: 1-819-994-3328 (Ottawa region and from other countries)
TTY for hearing impaired:
1-888-675-6863

or contact Transport Canada by mail at:

Motor Vehicle Safety Investigations Laboratory
80 Noel Street
Gatineau, QC
J8Z 0A1

For additional road safety information, please visit the Road Safety website at:

English:
<http://www.tc.gc.ca/eng/motorvehiclesafety/menu.htm>

French:
<http://www.tc.gc.ca/fra/securiteautomobile/menu.htm>

Declaration of compliance for telecommunications equipment and electronic systems

The manufacturer is not liable for radio malfunctions that are caused by unauthorized changes to the equipment.

Equipment

The following equipment complies with FCC section 15 and RSS-Gen:

- Audi adaptive cruise control*
- Audi side assist*
- Remote control key
- Garage door opener (HomeLink)*

FCC Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21

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

RSS-Gen

This device complies with Industry Canada's licence-exempt RSSs. 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.

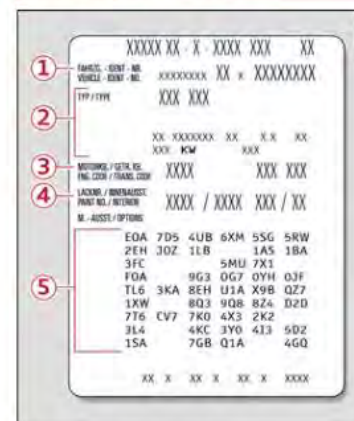
Technical data**Identification data****Vehicle identification label**

Fig. 288 Vehicle identification label

The vehicle identification label ⇒ fig. 288 is located in the luggage compartment under the cargo floor cover.

The vehicle identification label information can also be found in the Warranty & Maintenance booklet.

Vehicle data**Dimensions**

	Length (in (mm))	Width (in (mm))	Width across the mirrors (in (mm))	Height at curb weight (in (mm))
A4 sedan	186.1 (4,726)	72.5 (1,842)	79.6 (2,022)	56.2 (1,427)
S4 sedan	186.8 (4,745)	72.5 (1,842)	79.6 (2,022)	55.3 (1,404)
allroad	187.0 (4,750)	72.5 (1,842)	79.6 (2,022)	58.8 (1,493)

The sticker contains the following vehicle data:

- ① Vehicle Identification Number (VIN)
- ② Vehicle type, engine output, transmission
- ③ Engine and transmission codes
- ④ Paint and interior codes
- ⑤ Optional equipment numbers

Vehicle identification number (VIN)

The VIN is located in the following areas:

- Select: the **MENU** button > **Vehicle** > (left control button > **Service & checks** > **Vehicle information**.
- On the vehicle identification label
- At the front behind the windshield*
- in the engine compartment on the right side

Notes about technical data

The values may vary based on special equipment as well as market-specific equipment and measuring methods.

Please note that the specifications listed in the vehicle documentation always take precedence.

i Tips

Any technical data that is missing was not available at the time of printing.

Technical data

Capacities

	Approximate capacities
Fuel tank, front wheel drive	14.3 gal (54 L)
Fuel tank, all wheel drive	15.3 gal (58 L)
Windshield and headlight washer system*	5.1 qt (4.8 L)

Weights



Applies to: sedan
Fig. 289 safety certificate



Applies to: allroad
Fig. 290 safety certificate

Gross Vehicle Weight Rating (GVWR)

The maximum permitted total weight ① of the vehicle is listed on the safety certificate on the side area of the door or on the driver's door pillar.

Gross Axle Weight Rating (GAWR)

The maximum permitted load on the front axle ② or the rear axle ③ is listed on the safety certificate on the side area of the door or on the driver's door pillar.

Load

The maximum permitted load is listed on the tire pressure label on the driver's door pillar.

Roof load

The maximum permissible roof load is 200 lbs (90 kg).

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For the sake of the environment

Printed on eco-friendly paper (bleached without chlorine, recyclable).

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www.audi.com



Technical User Manual Input Version 2.0

24.04.2022

Harman Becker Automotive Systems GmbH

**CONNECTIVITY BOX HIGH
REDESIGN (RD)**

1. Input for the User manual for variants 4KE.035.282 J / 4KE.035.282 J / 9J1.035.282 G / 4N0.035.282 F

1.1. Declaration of Conformity (DoC in short form)



1.1.1. English:

Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type **CONBOX HIGH RD** will be compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity will be available at the following internet Address: <http://www.harman.com/compliance>

1.2. Overview of technical radio values (ECE variant)

Bluetooth:	2400 – 2483,5 MHz	<10 dBm
Bluetooth LE:	2.4 - to 2.483-GHz Class 2	<4 dBm
WLAN:	2401 - 2483,5 MHz	<10 dBm
WLAN:	5735 - 5835 MHz	<14 dBm
GSM:	EGSM900 Class 4	(+33dBm ±2dB)
GSM:	GSM1800 Class 1	(+30dBm ±2dB)
GSM:	GSM 900 8-PSK Class E2	(+27dBm ± 3dB)
GSM:	GSM 1800 8-PSK Class E2	(+26dBm +3 /-4dB)
UMTS:	B1 (2100MHz) Class 3	(+24dBm +1/-3dB)
UMTS:	B3 (1800MHz) Class 3	(+24dBm +1/-3dB)
UMTS:	B8 (900MHz) Class 3	(+24dBm +1/-3dB)
LTE:	FDD B1 (2100MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B3 (1800MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B7 (2600MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B8 (900MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B20 (800MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B28 (700MHz) Class 3	(+23dBm ±2dB)
LTE:	FDD B32 (1500MHz) Class 3	(+23dBm ±2dB)
LTE:	TDD B38 (2600MHz) Class 3	(+23dBm ±2dB)

Note: For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

1.3. Manufacturer

Harman Becker Automotive Systems GmbH

Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

1.2. Overview of technical radio values (ECE variant)

Bluetooth:	2400 - 2483 MHz	<10 dBm
Bluetooth LE:	2.4 - to 2.483-GHz Class 2	<4 dBm
WLAN:	2400 - 2483,5 MHz	<10 dBm
WLAN:	5735 - 5835 MHz	<14 dBm

Note: For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

1.3. Manufacturer

Harman Becker Automotive Systems GmbH

Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

1.4. FCC Compliance statement

Model: CONBOX HIGH RD
FCC ID: T8GCONBOXRD

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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

To comply with RF exposure compliance requirements, the device must be installed to provide a separation distance of at least 25 cm from all persons.

1.5. Target market Bolivia

Model: CONBOX HIGH RD
Brand: VW AG

1.6. Target market Nepal

Model: CONBOX HIGH RD
Brand: VW AG

1.7. Target market Brazil



Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

1.8. Target market Indonesia

For device made in Hungary VW/AUDI

XXXXXX /SDPPI/ YYYY
4334



Dilarang melakukan perubahan
Spesifikasi yang dapat
Menimbulkan gangguan fisik
dan/atau elektromagnetik
terhadap lingkungan sekitarnya

For device made in Hungary LAMBORGHINI

XXXXXX /SDPPI/ YYYY
12545



Dilarang melakukan perubahan
Spesifikasi yang dapat
Menimbulkan gangguan fisik
dan/atau elektromagnetik
terhadap lingkungan sekitarnya

1.9. Target market NIGERIA

Model: CONBOX HIGH RD

Connection and use of this communications
equipment is permitted by the Nigerian
Communications Commission

1.10. Target market Oman

OMAN - TRA
TRA/NN-N/YYYY/HH

1.11. Target market Paraguay



NR:XXXX-XX-X-XXXX

Importer/dealer in Paraguay: DIESA S.A.

Address of the importer/dealer: Av. Eusebio Ayala km 4,5

Local phone of the importer/dealer: 00595 9 81400701

1.12. Target market UKRAINE

Цим Harman Becker Automotive Systems GmbH заявляє, що тип радіобладнання: Головний блок з технологією WLAN, BLUETOOTH, GNSS.

Модель: CONBOX HIGH RD відповідає Технічному регламенту радіобладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою: www.harman.com

1.13. Target market UAE

 هيئة تنظيم الاتصالات والحكومة الرقمية TELECOMMUNICATIONS AND DIGITAL GOVERNMENT REGULATORY AUTHORITY	TDRA - UNITED ARAB EMIRATES Dealer ID: TARTE: Model: Type:	
---	---	---

1.14. Target market Argentina

 H- XXXXX

2. Input for the User manual for variant 4KE.035.285 E / 4KE.035.285 J

2.1. Overview of technical radio values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

2.2. Manufacturer

Harman Becker Automotive Systems GmbH
Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

2.3. Target market Kyrgyzstan - Armenia - Kazakhstan - Belarus - Eurasian Economic Union - Russian Federation



2.4. Target market BELARUS



3. Input for the User manual for variant 4K2.035.284 H / 9JA.035.284 G / 4K2.035.284 H / 9JA.035.284 J

3.1. ISED Compliance statement, CANADA

Model: CONBOX HIGH RD
IC: 6434A-CONBOXRD

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
- Le présent appareil est conforme aux CNR d'industrie Canadaine 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'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

To comply with RF exposure compliance requirements, the device must be installed to provide a separation distance of minimum 25 cm from all persons.

FCC/ISED Regulatory notices

Modification statement

Harman Becker Automotive Systems 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.

Harman Becker Automotive Systems 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 (if it is not placed in the device)

This device complies with Part 15 of the FCC Rules and 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.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Wireless notice

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme à l'exposition aux radiations FCC / ISED définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) et RSS-102 de la fréquence radio (RF) ISED règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

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 ICES-003.

Manufacturer:

Harman Becker Automotive Systems GmbH
Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

3.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

4. Input for the User manual for variant 4K2.035.285 G / 4K2.035.285 G

4.1. Target market MEXICO

Modelo: CONBOX HIGH RD

Marca: VW AG

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

4.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

5. Input for the User manual for variant 4KE.035.283 H / 4KE.035.283 H / 9J1.035.283 G / 9J1.035.283 G

5.1. FCC Compliance statements, USA

Model: CONBOX HIGH RD

FCC ID: T8GCONBOXRD

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
- Le présent appareil est conforme aux CNR d'industrie 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'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

To comply with RF exposure compliance requirements, the device must be installed to provide a separation distance of minimum 25 cm from all persons.

FCC/ISED Regulatory notices

Modification statement

Harman Becker Automotive Systems 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.

Harman Becker Automotive Systems 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 (if it is not placed in the device)

This device complies with Part 15 of the FCC Rules and 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.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Wireless notice

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme à l'exposition aux radiations FCC / ISED définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) et RSS-102 de la fréquence radio (RF) ISED règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

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 ICES-003.

Manufacturer:

Harman Becker Automotive Systems GmbH
Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

5.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

6. Input for the User manual for variant 4KE.035.284 G / 4KE.035.284 G

6.1. Target market China

China Restriction of certain Hazardous Substances (China RoHS) A972

Part name	Toxic and hazardous substances and elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Housing, Cover, Battery Cover	X	O	O	O	O	O
Connectors	O	O	O	O	O	O
PCB ASY	X	O	O	O	O	O
Battery	X	O	O	O	O	O

This table was developed according to the provisions of SJ/T 11364.

O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572

X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572

Pollution control label



6.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

7. Input for the User manual for variant 8W0.035.282 F / 8W0.035.282 F

7.1. Target market South Korea

해당 무선 설비는 운용 중 전파혼신 가능성이 있음.

7.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

8. Input technical user manual for variant 4K0.035.283 G + 4K0.035.283 G

8.1. Target market TAIWAN

器材名稱: Telematic system with wireless technologies

型號:

電壓:

廠牌:

生產國別:

製造年份

製造廠商:

警語: 減少



第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

高增益指向性天線只得應用於固定式點對點系統。

電磁波曝露量MPE標準值 $1\text{mW}/\text{cm}^2$ ，送測產品實測值為 $0.036\text{mW}/\text{cm}^2$

「請謹慎使用本產品，勿使用本產品做非法用途，例如妨害秘密、、、」

更換電池請洽原廠

設備名稱：CONBOX HIGH RD, Equipment name				型號（型式）：A975 Type designation (Type)		
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
Housing, Cover, Battery Cover	-	○	○	○	○	○
Battery	○	○	○	○	○	○
Connectors	-	○	○	○	○	○
PCB ASY	-	○	○	○	○	○
備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.						
備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.						
備考3. “-” 係指該項限用物質為排除項目。 Note 3: The “-” indicates that the restricted substance corresponds to the exemption.						

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

根據LP0002低功率射頻器材技術規範_章節3.8.2：取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

8.2. Overview of the radio technical values

For the overview of the technical radio values for all the variants per country please refer to the table from the annex.

1.1. Annex to the User Manual

Overview of the technical radio values for all the CONBOX HIGH RD variants per country:

1.2. NAD module frequencies

Country	Frequencies
China	GSM/GPRS/EDGE: 900 / 1800 MHz UMTS/HSPA: B1 (2100MHz), B3 (1800MHz), B8 (900MHz) LTE-FDD: B1 (2100MHz), B3 (1800MHz), B7 (2600MHz), B8 (900MHz) LTE-TDD: B34 (2000MHz), B38 (2600MHz), B39 (1900MHz), B40 (2300MHz), B41 (2600MHz) Out of the 3GPP specified frequency range for LTE Band 41, only that part which is used in China and Japan (2545MHz to 2655MHz) is supported by ALAS66A. Therefore, support for Band 41 is disabled by means of software in ALAS66A-W and ALAS66A-K variants. TD-SCDMA: B34 (2000MHz), B39 (1900MHz)
Andorra	GSM/GPRS/EDGE: 900 / 1800 MHz
Austria	
Belgium	UMTS/HSPA: B1 (2100MHz), B3 (1800MHz), B8 (900MHz)
Bulgaria	
Croatia	
Cyprus	
Czech Republic	LTE-FDD: B1 (2100MHz), B3 (1800MHz), B7 (2600MHz), B8 (900MHz), B20 (800MHz), B28 (700MHz), B32 (1500MHz) <supplementary downlink> LTE-TDD: B38 (2600MHz)
Denmark	
Estonia	
Finland	
France	
Germany	
Greece	
Hungary	
Iceland	
Ireland	
Italy	
Latvia	

Liechtenstein
Lithuania
Luxembourg
Malta
Monaco
Netherlands
Norway
Poland
Portugal
Romania
San Marino
Slovak Republic
Slovenia
Spain
Sweden
Switzerland
United Kingdom
Vatican
Albania
Bosnia-Herzigovina
Macedonia
Montenegro
Serbia
Faroes Island
Greenland
Gibraltar
Man (Isle of man)
Guernsey
Jersey
Kosovo
St. Pierre and Miguelon
Dominica
Gaudalope
Martinique
Saint-Martin (franz. Teil)
St. Maarten
Saint-Barthelemy
French Guiana
Armenia
Belarus (White Russia)
Kazakhstan
Kyrgyzstan
Russia
Israel
Palästina
Mayotte
Reunion
French Polynesia
Tahiti
New Caledonia
Wallis & Futuna

Canada	GSM/GPRS/EDGE: 850 / 900 / 1800 / 1900 MHz
USA	UMTS/HSPA:
American Virgin Islands	B2 (1900MHz), B4 (1700MHz), B5 (850MHz)
Puerto Rico	LTE-FDD: B2 (1900MHz), B4 (1700MHz), B5 (850MHz), B7 (2600MHz), B12 (700MHz), B13 (700MHz), B28 (700MHz), B29 (700MHz) (supplementary downlink), B66 (1700MHz)
Mexico	
Hong Kong	GSM/GPRS/EDGE: 850 / 900 / 1800 / 1900 MHz
Malaysia	UMTS/HSPA:
Singapore	B1 (2100MHz), B3 (1800MHz), B5 (850MHz), B6 (850MHz), B8 (900MHz), B19 (850MHz)
Taiwan	LTE-FDD: B1 (2100MHz), B3 (1800MHz), B5 (850MHz), B7 (2600MHz), B8 (900MHz), B18 (850MHz), B19 (850MHz), B20 (800MHz), B26 (850MHz), B28 (700MHz), B32 (1500MHz) <supplementary downlink>
South Africa	
Australia	LTE-TDD:
New Zealand	B34 (2000MHz), B38 (2600MHz), B39 (1900MHz), B40 (2300MHz), B41 (2600MHz) Out of the 3GPP specified frequency range for LTE Band 41, only that part which is used in China and Japan (2545MHz to 2655MHz) is supported by ALAS66A. Therefore, support for Band 41 is disabled by means of software in ALAS66A-W and ALAS66A-K variants.
Japan	GSM/GPRS/EDGE: 850 / 900 / 1800 / 1900 MHz
	UMTS/HSPA: B1 (2100MHz), B3 (1800MHz), B5 (850MHz), B6 (850MHz), B8 (900MHz), B19 (850MHz)
	LTE-FDD: B1 (2100MHz) B3 (1800MHz), B5 (850MHz), B7 (2600MHz), B8 (900MHz), B18 (850MHz), B19 (850MHz), B20 (800MHz), B26 (850MHz), B28 (700MHz), B32 (1500MHz) <supplementary downlink>
	LTE-TDD: B34 (2000MHz), B38 (2600MHz), B39 (1900MHz), B40 (2300MHz), B41 (2600MHz) Out of the 3GPP specified frequency range for LTE Band 41, only that part which is used in China and Japan (2545MHz to 2655MHz) is supported by ALAS66A. Therefore, support for Band 41 is disabled by means of software in ALAS66A-W and ALAS66A-K variants.
South Korea	GSM/GPRS/EDGE: 850 / 900 / 1800 / 1900 MHz
	UMTS/HSPA: B1 (2100MHz), B3 (1800MHz),

B5 (850MHz),
B6 (850MHz),
B8 (900MHz),
B19 (850MHz)

LTE-FDD:

B1 (2100MHz)
B3 (1800MHz),
B5 (850MHz),
B7 (2600MHz),
B8 (900MHz),
B18 (850MHz),
B19 (850MHz),
B20 (800MHz),
B26 (850MHz),
B28 (700MHz),
B32 (1500MHz)
<supplementary
downlink>

LTE-TDD:

B34 (2000MHz),
B38 (2600MHz),
B39 (1900MHz),
B40 (2300MHz),
B41 (2600MHz)

Out of the 3GPP specified frequency range for LTE Band 41, only that part which is used in China and Japan (2545MHz to 2655MHz) is supported by ALAS66A. Therefore, support for Band 41 is disabled by means of software in ALAS66A-W and ALAS66A-K variants.

1.3. Power class

Output power (according to Release 99)	GSM/GPRS/UMTS: Class 4 (+33dBm $\pm$2dB) for EGSM850 and EGSM900 Class 1 (+30dBm $\pm$2dB) for GSM1800 and GSM1900 Class E2 (+27dBm $\pm$ 3dB) for GSM 850 8-PSK and GSM 900 8-PSK Class E2 (+26dBm +3 /-4dB) for GSM 1800 8-PSK and GSM 1900 8-PSK Class 3 (+24dBm +1/-3dB) for all supported WCDMA FDD bands
Output power (according to Release 4)	TD-SCDMA: Class 2 (+24dBm +1/-3dB) for TD-SCDMA 1900, TD-SCDMA Bd39 and TD-SCDMA 2000, TD-SCDMA Bd34
Output power (according to Release 8)	LTE (FDD): Class 3 (+23dBm +-2dB) for all supported LTE FDD bands LTE (TDD): Class 3 (+23dBm +-2dB) for all supported LTE TDD bands

1.4. WLAN and Bluetooth

Bluetooth Parameter:

Standard: IEEE 802.15

2.4 GHz

Frequency: 2400MHz - 2483.5MHz
(BT 2.0 + EDR, BT 5.0)

Channel BW: 1 MHz

Output power BR/EDR: < 10 dBm
Output power BLE: < 4 dBm

Modulation: GFSK, 4QPSK, 8DPSK

Data rate: 1Mbps (GFSK),
2Mbps (4QPSK)
3Mbps (8DPSK)

Antenna type: ext. dedicated antenna

Antenna Gain worst case: 2 dBi

WLAN Parameter:

Standard: IEEE 802.11 a/b/g/n/ac

2.4 GHz

Frequency Range: 2,401 - 2,483 GHz (Channels 1-13)
Center Frequency: 2,412 - 2,472 GHz

5 GHz - In Europe:

Frequency Range: 5,735 - 5,835 GHz (Channels 149-165)
Center Frequency: 5,745 - 5,825 GHz

5 GHz - In U.S.A.:

Frequency Range: 5,170 - 5,250 GHz (Channels 36-48)
Center Frequency: 5,180 - 5,240 GHz

Frequency Range: 5,735 - 5,835 GHz (Channels 149-165 – sub band 3)
Center Frequency: 5,745 - 5,825 GHz

Channel BW: 20 MHz in 2.4G band,
20/40/80 MHz in 5G band

In Europe:

Output power 2,4 GHz < 10 dBm
Output power 5 GHz < 14 dBm

In USA:

Output power 2,4 GHz < 15 dBm
Output power 5 GHz < 15 dBm

Modulation: BPSK, QPSK, QPSK, 16-QAM, 64-QAM, 256-QAM

Data Rates:

802.11a: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps
802.11b: 1, 2, 5.5 and 11 Mbps
802.11g: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps
802.11n: MCS0 ~MCS7 HT20 and HT40 (2.4G does not support HT40)
802.11ac VHT20: MCS0 ~MCS8
802.11ac VHT40/VHT80: MCS0 ~MCS9 (2.4G does not support VHT40/VHT80)

Antenna type: dedicated external antenna

Antenna Gain worst case 2,4 GHz: 2,9 dBi
Antenna Gain worst case 5 GHz: 3,6 dBi

* For more details regarding country specific table please see table below

#Country	ISO Code	DPS_Flg / Restrictions	Channel	TX Power (dBm) 2.4G	Conducted (C) or EIRP (E) 2.4G	Channel	TX Power (dBm) 5.1G	Conducted (C) or EIRP (E) 5.1G	Channel	TX Power (dBm) 5.8G	Conducted (C) or EIRP (E) 5.8G
The Republic of the Congo, Congo	CG	No	1-13	15	C	36-48	15	C			
The Democratic Republic of the Congo	CD	No	1-13	15	C	36-48	15	C			
Costa Rica	CR	No	1-13	15	C	36-48	15	C	149-165	15	C
Croatia	HR	No	1-13	10	E				149-165	14	E
Cyprus	CY	No	1-13	15	C				149-165	15	C
Cyprus	CY	No	1-13	10	E				149-165	14	E
Czech Republic	CZ	No	1-13	10	E				149-165	14	E
Denmark	DK	No	1-13	10	E				149-165	14	E
Djibouti	DJ	No	1-13	15	C						
Dominican Republic	DO	No	1-13	15	C	36-48	15	C	149-165	15	C
Ecuador	EC	No	1-13	15	C	36-48	15	C	149-165	15	C
Egypt, Egypt	EG	No	1-13	15	C				149-165	15	C
El Salvador	SV	No	1-13	15	C				149-165	15	C
Equatorial Guinea	GQ	No	1-13	15	C	36-48	15	C			
Eritrea	ER	No	1-13	15	C						
Estonia	EE	No	1-13	10	E				149-165	14	E
Ethiopia	ET	No	1-13	15	C	36-48	15	C			
Faeroe Islands	FO	No	1-13	10	E				149-165	14	E
Far	FJ	No	1-13	15	C				149-165	15	C
Finland	FI	No	1-13	10	E				149-165	14	E
France	FR	No	1-13	10	E				149-165	14	E
French Guiana	GF	No	1-13	10	E				149-165	14	E
French Polynesia	PF	No	1-13	10	E				149-165	14	E
Gabon	GA	No	1-13	15	C	36-48	15	C	149-165	15	C
Gambia	GM	No	1-13	15	C	36-48	15	C	149-165	15	C
Georgia	GE	No	1-13	10	E				149-165	14	E
Germany	DE	No	1-13	10	E				149-165	14	E
Ghana	GH	No	1-13	15	C						
Gibraltar	GI	No	1-13	10	E				149-165	14	E
Great Britain & NI, UK of Great Britain and Northern Ireland	GB	No	1-13	15	C				149-165	15	C
Greece	GR	No	1-13	10	E				149-165	14	E
Grenada	GD	No	1-13	15	C						
Guadeloupe	GP	No	1-13	10	E				149-165	14	E
Guam	GU	No	1-13	15	C	36-48	15	C	149-165	15	C
Guatemala	GT	No	1-13	15	C				149-165	15	C
Guinea	GN	No	1-13	15	C	36-48	15	C			
Guinea-Bissau	GW	No	1-13	15	C	36-48	15	C			
Guyana	GY	No	1-13	15	C				149-165	15	C
Haiti	HT	No	1-13	15	C	36-48	15	C	149-165	15	C
Honduras, Honduras	HN	No	1-13	15	C	36-48	15	C	149-165	15	C
Hong Kong	HK	No	1-13	15	C				149-165	15	C
Hungary	HU	No	1-13	10	E				149-165	14	E
Iceland	IS	No	1-13	10	E				149-165	14	E
India	IN	No	1-13	15	C	36-48	15	C	149-165	15	C
Indonesia	ID	No	1-13	15	C				149-165	15	C

#Country	ISO Code	DPS_Flg / Restrictions	Channel	TX Power (dBm) 2.4G	Conducted (C) or EIRP (E) 2.4G	Channel	TX Power (dBm) 5.1G	Conducted (C) or EIRP (E) 5.1G	Channel	TX Power (dBm) 5.8G	Conducted (C) or EIRP (E) 5.8G
World Wide Safe	WW	No	1-13	14	C						
Afghanistan	AF	No	1-13	15	C						
Albania	AL	No	1-13	10	E				149-165	14	E
Algeria	DZ	No	1-13	14	C	36-48	15	C			
Andorra	AD	No	1-13	10	E				149-165	14	E
Angola	AO	No	1-13	10	E				149-165	14	E
Antigua and Barbuda / Antigua & Barbuda	AG	No	1-13	15	C	36-48	15	C	149-165	15	C
Argentina	AR	No	1-13	15	C				149-165	15	C
Aramaia	AM	No	1-13	15	C	36-48	15	C			
Aruba	AW	No	1-13	15	C	36-48	15	C	149-165	15	C
Australia	AU	No	1-13	15	C				149-165	15	C
Austria	AT	No	1-13	10	E				149-165	14	E
Azerbaijan	AZ	No	1-13	15	C	36-48	15	C	149-165	15	C
Bahamas	BS	No	1-13	15	C	36-48	15	C	149-165	15	C
Bahrain	BH	No	1-13	15	C				149-165	15	C
Bangladesh	BD	No	1-13	15	C				149-165	15	C
Barbados	BB	No	1-13	15	C				149-165	15	C
Belarus	BY	No	1-13	15	C	36-48	15	C			
Belgium	BE	No	1-13	10	E				149-165	14	E
Belize	BZ	No	1-13	15	C				149-165	15	C
Benin	BJ	No	1-13	15	C				149-165	15	C
Bermuda	BM	No	1-13	15	C	36-48	15	C	149-165	15	C
Bhutan	BT	No	1-13	15	C						
Bolivia (Plurinational State of) / Bolivia	BO	No	1-13	15	C						
Bonaire, Sint Eustatius and Saba, Bonaire	BQ	No	1-13	15	C				149-165	15	C
Bosnia and Herzegovina	BA	No	1-13	15	C				149-165	15	C
Bosnia	BIH	No	1-13	15	C	36-48	15	C			
Brazil	BR	No	1-13	15	C				149-165	15	C
British Virgin Islands, British Virgin Isles	VG	No	1-13	15	C	36-48	15	C	149-165	15	C
Brunei Darussalam, Brunei	BN	No	1-13	15	C	36-48	15	C	149-165	15	C
Bulgaria	BG	No	1-13	15	C				149-165	15	C
Burkina Faso	BF	No	1-13	15	C	36-48	15	C			
Burundi	BI	No	1-13	15	C	36-48	15	C			
Cambodia	KH	No	1-13	15	C	36-48	15	C	149-165	15	C
Cameroon	CM	No	1-13	15	C	36-48	15	C	149-165	15	C
Canada	CA	No	1-13	15	C	36-48	15	C	149-165	15	C
Cape Verde, Cabo Verde	CV	No	1-13	15	C	36-48	15	C	149-165	15	C
Cayman Islands	KY	No	1-13	15	C	36-48	15	C	149-165	15	C
Central African Republic	CF	No	1-13	15	C	36-48	15	C			
Chad	TD	No	1-13	15	C	36-48	15	C			
Chile	CL	No	1-13	15	C				149-165	15	C
China	CN	No	1-13	15	C				149-165	15	C
Colombia, Colombia	CO	No	1-13	15	C				149-165	15	C
Comoros	KM	No	1-13	15	C	36-48	15	C			

#Country	ISO Code	DPS_Flg / Restrictions	Channel	TX Power (dBm) 2.4G	Conducted (C) or EIRP (E) 2.4G	Channel	TX Power (dBm) 5.1G	Conducted (C) or EIRP (E) 5.1G	Channel	TX Power (dBm) 5.8G	Conducted (C) or EIRP (E) 5.8G
Iraq	IQ	No	1-13	15	C				149-165	14	C
Isle of Man	IM	No	1-13	15	C				149-165	15	C
Republic of Ireland, Ireland	IE	No	1-13	10	E				149-165	14	E
Israel	IL	No	1-13	15	C						
Italy	IT	No	1-13	10	E				149-165	14	E
Ivory Coast, Cote d'Ivoire	CI	No	1-13	15	C						
Jamaica	JM	No	1-13	15	C				149-165	15	C
Japan	JP	No	1-13	15	C						
Jersey	JE	No	1-13	15	C				149-165	15	C
Jordan	JO	No	1-13	15	C	36-48	15	C			
Kazakhstan	KZ	No	1-13	15	C	36-48	15	C			
Kenya	KE	No	1-13	15	C				149-165	14	E
Korea, Republic of, South Korea	KR	No	1-13	15	C				149-165	15	C
Kosovo	KK	No									
Kuwait	KW	No	1-13	15	C						
Kyrgyzstan	KG	No	1-13	15	C	36-48	15	C			
Laos, Lao People's Democratic Republic	LA	No	1-13	15	C	36-48	15	C	149-165	15	C
Latvia	LV	No	1-13	10	E				149-165	14	E
Lebanon	LB	No	1-13	15	C	36-48	15	C	149-165	15	C
Lesotho	LS	No	1-13	15	C	36-48	15	C			
Lithuania	LT	No	1-13	15	C	36-48	15	C	149-165	15	C
Liberia	LR	No	1-13	10	E				149-165	14	E
Liechtenstein	LI	No	1-13	10	E				149-165	14	E
Lithuania	LT	No	1-13	10	E				149-165	14	E
Luxembourg	LU	No	1-13	10	E				149-165	14	E
Macao	MO	No	1-13	15	C	36-48	15	C	149-165	15	C
Macedonia, North Macedonia, the Republic of	MK	No	1-13	10	E				149-165	14	E
Madagascar	MG	No	1-13	15	C	36-48	15	C			
Malawi	MW	No	1-13	15	C	36-48	15	C	149-165	15	C
Malaysia	MY	No	1-13	15	C	36-48	15	C	149-165	15	C
Maldives	MV	No	1-13	15	C				149-165	15	C
Mali	ML	No	1-13	15	C	36-48	15	C	149-165	14	E
Malta	MT	No	1-13	10	E				149-165	14	E
Martinique	MQ	No	1-13	10	E				149-165	14	E
Mauritania	MR	No	1-13	15	C						
Mauritius	MU	No	1-13	15	C						
Mayotte	YT	No	1-13	10	E				149-165	14	E
Mexico	MX	No	1-13	15	C	36-48	15	C	149-165	15	C
Moldova, Republic of, Moldova	MD	No	1-13	15	C	36-48	15	C	149-165	15	C
Monaco	MC	No	1-13	10	E				149-165	14	E
Montenegro	ME	No	1-13	15	C	36-48	15	C	149-165	15	C
Montenegro	ME	No	1-13	10	E				149-165	14	E
Morocco	MA	No	1-13	15	C						
Mozambique	MZ	No	1-13	10	E				149-165	14	E
Myanmar (Burma), Myanmar	MM	No	1-13	15	C				149-165	15	C

#Country	ISO Code	DFS_Flag / Restrictions	Channel	Tx Power (dBm) 2.4G	Conducted (C) or EIRP (E) 2.4G	Channel	Tx Power (dBm) 5.1G	Conducted (C) or EIRP (E) 5.1G	Channel	Tx Power (dBm) 5.8G	Conducted (C) or EIRP (E) 5.8G
Namibia	NA	No	1 - 13	15	C				149 - 165	15	C
Nepal	NP	No	1 - 13	15	C				149 - 161	15	C
Netherlands (Holland), Netherlands	NL	No	1 - 13	10	E				149 - 165	14	E
New Caledonia	NC	No	1 - 13	15	C	36 - 48	15	C			
New Zealand	NZ	No	1 - 13	15	C				149 - 165	15	C
Nicaragua	NI	No	1 - 13	15	C				149 - 161	15	C
Niger	NE	No	1 - 13	15	C						
Nigeria	NG	No	1 - 13	15	C				149 - 165	15	C
Norway	NO	No	1 - 13	10	E				149 - 165	14	E
Oman	OM	No	1 - 13	15	C						
Pakistan	PK	No	1 - 13	15	C				149 - 165	15	C
Palestine	PS	No	1 - 13	15	C						
Panama	PA	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Papua New Guinea	PG	No	1 - 13	15	C				149 - 165	15	C
Paraguay	PY	No	1 - 13	15	C				149 - 165	15	C
Peru	PE	No	1 - 13	15	C				149 - 165	15	C
Philippines	PH	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Poland	PL	No	1 - 13	10	E				149 - 165	14	E
Portugal	PT	No	1 - 13	10	E				149 - 165	14	E
Puerto Rico	PR	No	1 - 11	15	C	36 - 48	15	C	149 - 165	15	C
Qatar	QA	No	1 - 13	15	C						
Romania	RO	No	1 - 13	10	E				149 - 165	14	E
Russian Federation, Russia	RU	No	1 - 13	15	C	36 - 48	15	C			
Rwanda	RW	No	1 - 13	15	C						
Reunion Island, Reunion	RE	No	1 - 13	10	E				149 - 165	14	E
Saint Barthelemy, Saint Barthelemy	BL	No	1 - 13	10	E				149 - 165	14	E
St Kitts & Nevis, Saint Kitts and Nevis	KN	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
St. Lucia, Saint Lucia	LC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Saint Martin, Saint Martin (French Part)	MF	No	1 - 13	10	E				149 - 165	14	E
St Vincent & Grenadines, Saint Vincent and the Grenadines	VC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Samoa	WS	No	1 - 13	15	C	36 - 48	15	C	149 - 157	15	C
San Marino	SM	No	1 - 13	10	E				149 - 165	14	E
Sao Tome & Principe, Sao Tome and Principe	ST	No	1 - 13	15	C	36 - 48	15	C			
Saudi Arabia	SA	No	1 - 13	10	E				149 - 165	14	E
Senegal	SN	No	1 - 13	15	C						
Serbia	RS	No	1 - 13	10	E				149 - 165	14	E
Seychelles	SC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Sierra Leone	SL	No	1 - 13	15	C	36 - 48	15	C			
Singapore	SG	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Slovakia	SK	No	1 - 13	10	E				149 - 165	14	E
Slovenia	SI	No	1 - 13	10	E				149 - 165	14	E
Somalia	SO	No	1 - 13	15	C						
South Africa	ZA	No	1 - 13	15	C				149 - 165	15	C
Spain	ES	No	1 - 13	10	E				149 - 165	14	E
Sri Lanka	LK	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C

#Country	ISO Code	DFS_Flag / Restrictions	Channel	Tx Power (dBm) 2.4G	Conducted (C) or EIRP (E) 2.4G	Channel	Tx Power (dBm) 5.1G	Conducted (C) or EIRP (E) 5.1G	Channel	Tx Power (dBm) 5.8G	Conducted (C) or EIRP (E) 5.8G
Namibia	NA	No	1 - 13	15	C				149 - 165	15	C
Nepal	NP	No	1 - 13	15	C				149 - 161	15	C
Netherlands (Holland), Netherlands	NL	No	1 - 13	10	E				149 - 165	14	E
New Caledonia	NC	No	1 - 13	15	C	36 - 48	15	C			
New Zealand	NZ	No	1 - 13	15	C				149 - 165	15	C
Nicaragua	NI	No	1 - 13	15	C				149 - 161	15	C
Niger	NE	No	1 - 13	15	C						
Nigeria	NG	No	1 - 13	15	C				149 - 165	15	C
Norway	NO	No	1 - 13	10	E				149 - 165	14	E
Oman	OM	No	1 - 13	15	C						
Pakistan	PK	No	1 - 13	15	C				149 - 165	15	C
Palestine	PS	No	1 - 13	15	C						
Panama	PA	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Papua New Guinea	PG	No	1 - 13	15	C				149 - 165	15	C
Paraguay	PY	No	1 - 13	15	C				149 - 165	15	C
Peru	PE	No	1 - 13	15	C				149 - 165	15	C
Philippines	PH	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Poland	PL	No	1 - 13	10	E				149 - 165	14	E
Portugal	PT	No	1 - 13	10	E				149 - 165	14	E
Puerto Rico	PR	No	1 - 11	15	C	36 - 48	15	C	149 - 165	15	C
Qatar	QA	No	1 - 13	15	C						
Romania	RO	No	1 - 13	10	E				149 - 165	14	E
Russian Federation, Russia	RU	No	1 - 13	15	C	36 - 48	15	C			
Rwanda	RW	No	1 - 13	15	C						
Reunion Island, Reunion	RE	No	1 - 13	10	E				149 - 165	14	E
Saint Barthelemy, Saint Barthelemy	BL	No	1 - 13	10	E				149 - 165	14	E
St Kitts & Nevis, Saint Kitts and Nevis	KN	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
St. Lucia, Saint Lucia	LC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Saint Martin, Saint Martin (French Part)	MF	No	1 - 13	10	E				149 - 165	14	E
St Vincent & Grenadines, Saint Vincent and the Grenadines	VC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Samoa	WS	No	1 - 13	15	C	36 - 48	15	C	149 - 157	15	C
San Marino	SM	No	1 - 13	10	E				149 - 165	14	E
Sao Tome & Principe, Sao Tome and Principe	ST	No	1 - 13	15	C	36 - 48	15	C			
Saudi Arabia	SA	No	1 - 13	10	E				149 - 165	14	E
Senegal	SN	No	1 - 13	15	C						
Serbia	RS	No	1 - 13	10	E				149 - 165	14	E
Seychelles	SC	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Sierra Leone	SL	No	1 - 13	15	C	36 - 48	15	C			
Singapore	SG	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C
Slovakia	SK	No	1 - 13	10	E				149 - 165	14	E
Slovenia	SI	No	1 - 13	10	E				149 - 165	14	E
Somalia	SO	No	1 - 13	15	C						
South Africa	ZA	No	1 - 13	15	C				149 - 165	15	C
Spain	ES	No	1 - 13	10	E				149 - 165	14	E
Sri Lanka	LK	No	1 - 13	15	C	36 - 48	15	C	149 - 165	15	C

- The embargo countries (i.e. Cuba, Iran, North Korea, Syria and Sudan) are NOT supported.
- Not supported / WLAN disabled in the following countries: Dominica, Kossovo, Anguilla, Montserrat, Turks- & Caicosislands.

9. Input for the RoW

9.1. Other country specific inputs

Samoa

There are not specific manual requirements, it is highly recommended to provide the user manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user manual and the type approval certificate.

Antigua and Barbuda

There are not specific manual requirements, it is highly recommended to provide the user manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user manual and the type approval certificate.

Aruba

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Bahamas

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Belize

No labelling requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Bermuda

No labelling requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

UK Virgin Islands

No labelling requirements. It is highly recommended to provide the user's manual in the national official language/languages.

Costa Rica

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Grenada

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Guatemala

There are no user manual requirements.

It is recommended to have the same product identification in the user manual requirements and in the exemption letter.

It is also recommended to translate into the official language.

Honduras

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Jamaica

User's manual shall be available in English language.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Nicaragua

There are no manual requirements related to type approval process.

It is recommended to provide the user's manual in Spanish. To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate

Bonaire, St. Eustatius, Saba

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Curacao

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Sint Maarten (Dutch part)

According to the regulatory body, user manual must be in English.

Panama

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

St. Kitts & Nevis

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

St. Lucia, St. Vincent & Grenadines

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Trinidad & Tobago

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Argentina

There isn't any requirement regarding the mandatory language for the user manual. However, depending on the equipment, customs could ask for user manuals written in Spanish. For this reason, it is recommendable to translate the user manual into the national official language, although this is not required for the Type Approval Process.

Chile

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Guyana

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Suriname

The mandatory language for the user manual is English.

Uruguay

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Venezuela

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Cambodia, Algeria, Bahrain

There are not user manual requirements. It is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Maldives, Pakistan, Philippines, Egypt, Jordan

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

South Korea

If the device uses 2.4Ghz, following statement will be indicated in product and package ==>

해당 무선 설비는 운용 중 전파혼신 가능성이 있음.

(This wireless device has possibility to electric wave interference in operation.)

Azerbaijan

The certification regulation does not establish any requirement about the language to use in the user manual but it is highly recommended to provide the user's manual in the national official language.

Kuwait

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Lebanon, Morocco, Qatar, Tunisia, Yemen

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

Angola

There are no specific manual requirements. The most important is to put into Portuguese the main information about the product.

Ivory Coast, Mauritius, Nigeria

There are not specific manual requirements, it is highly recommended to provide the user's manual in the national official language/languages.

To avoid any problem in customs or during market surveillance process, it is also recommended to have the same product identification in the product label, the packaging, the user's manual and the type approval certificate.

South Africa

User Manual in English is mandatory