



BMW Motorrad



Supplementary operating instructions

Audio system and pairing

Welcome to BMW

We are delighted that you have chosen a BMW Motorrad audio system. Familiarise yourself with the controls before you take to the road, so that you will be able to operate the system safely in traffic.

These operating instructions contain the information you need, so please study them carefully.

If you have questions concerning this audio system, your authorised BMW Motorrad dealer will gladly provide advice and assistance.

With the audio system, the communication system and the navigation system, BMW Motorrad places at your disposal 3 vehicle components capable of interchanging data using the Bluetooth wireless standard. You also have the

option of integrating other Bluetooth-compatible systems such as mobile phones, for example. In this way you can conduct telephone conversations and listen to music and navigation instructions without the awkwardness and distraction of extra wiring.

The systems have to recognise each other before they can interchange data. The steps required in this process are explained in these instructions.

The description at hand is based on the K 1600 GT and K 1600 GTL and likewise applies to the K 1600 B and the R 1200 RT. Exceptions are described separately.

We hope you enjoy your BMW and wish you a safe and pleasant journey.

BMW Motorrad.

01 40 8 396 881



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General instructions


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Overview

An important aspect of these additional operating instructions is that they can be used for quick reference. Consulting the extensive index at the end of these additional operating instructions is the fastest and easiest way to locate a particular topic or item of information.


If you sell your BMW some day, please also remember to hand over the additional operating instructions; it is an important element of your motorcycle.


Abbreviations and symbols

 **CAUTION** Low-risk hazard. Non-avoidance can lead to slight or moderate injury.

 **WARNING** Medium-risk hazard. Non-avoidance can lead to fatal or severe injury.

 **DANGER** High-risk hazard. Non-avoidance leads to fatal or severe injury.

 **ATTENTION** Special notes and precautionary measures. Non-compliance can lead to damage to the vehicle or accessory and, consequently, to voiding of the warranty.

 **NOTICE** Specific instructions on how to operate, control, adjust or look after items of equipment on the vehicle.

- ◀ Indicates the end of an item of information.
- Instruction.
- » Result of an activity.
- ➡ Reference to a page with more detailed information.

◁ Indicates the end of a passage relating to specific accessories or items of equipment.



Tightening torque.



Technical data.

Technical data

All dimensions, weights and power ratings stated in the Rider's Manual are quoted to the standards and comply with the tolerance requirements of the Deutsches Institut für Normung e.V. (DIN). Versions for individual countries may differ.

Actuality

The high safety and quality level of BMW motorcycles is ensured by continuous development work on design, equipment and ac-

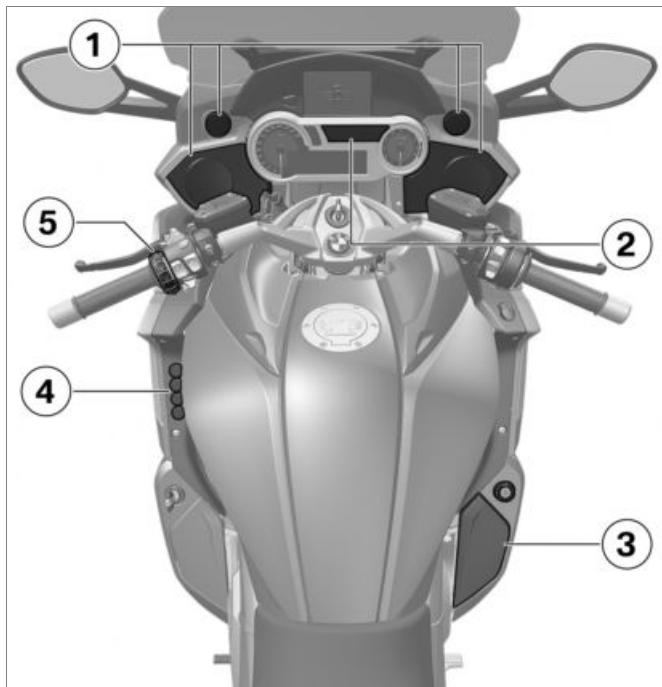
cessories. Because of this, there may be differences between these additional operating instructions and your motorcycle. Nor can BMW Motorrad entirely rule out errors and omissions. We hope you will appreciate that no claims can be entertained on the basis of the data, illustrations or descriptions in this manual.

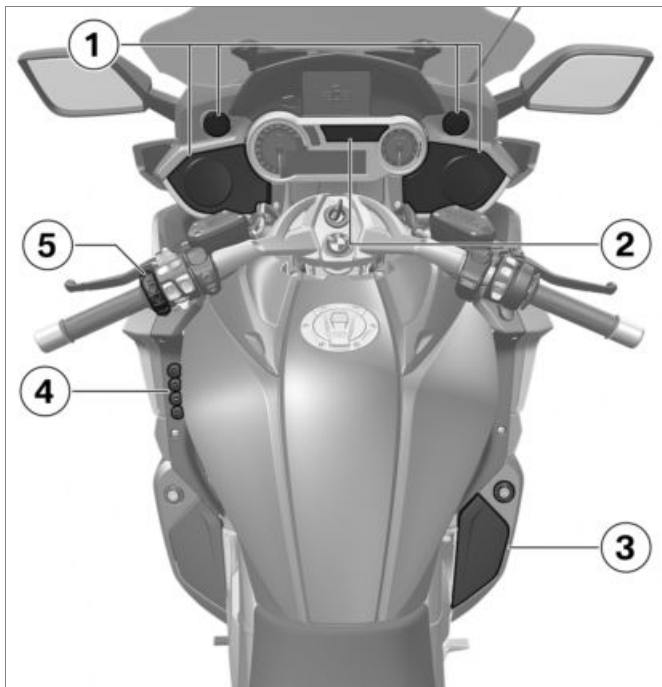
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Overall view K 1600 GT

- 1 Loudspeaker
- 2 Multifunction display (➡ 16)
- 3 Storage compartment with plug connector (➡ 17)
- 4 Operating panel (➡ 14)
- 5 Multi-controller (➡ 15)



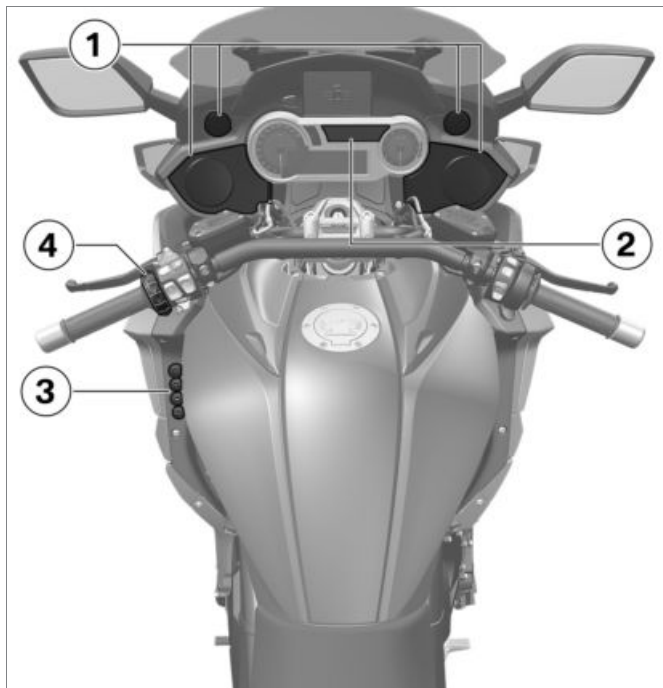


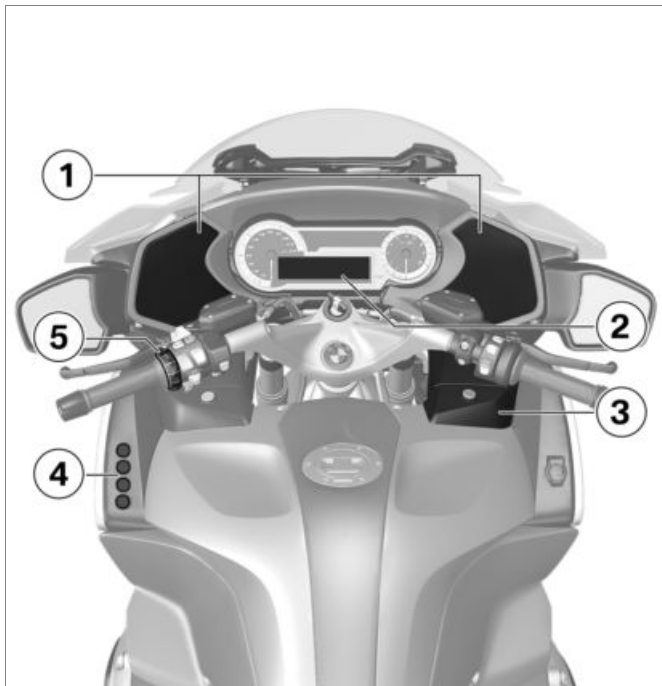
Overall view K 1600 GTL

- 1 Loudspeaker
- 2 Multifunction display (➡ 16)
- 3 Storage compartment with plug connector (➡ 17)
- 4 Operating panel (➡ 14)
- 5 Multi-controller (➡ 15)

Overall view K 1600 B

- 1 Loudspeaker
- 2 Multifunction display (→ 16)
- 3 Operating panel (→ 14)
- 4 Multi-controller (→ 15)



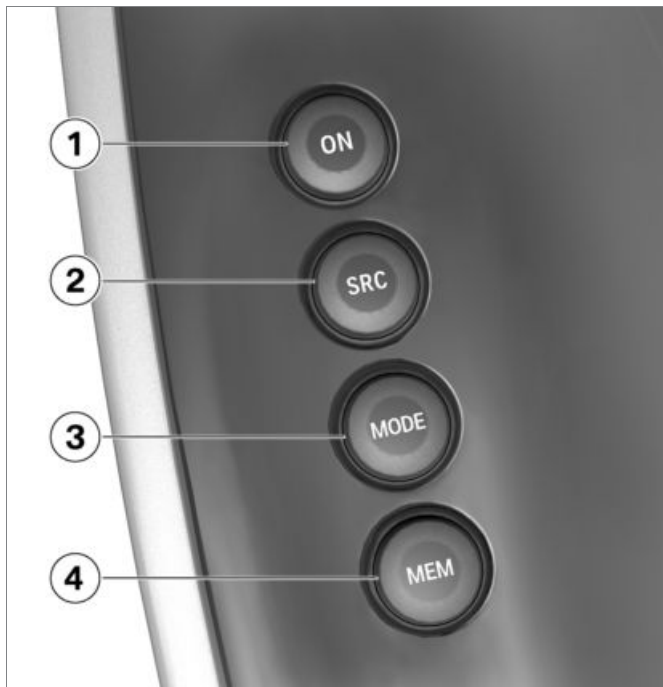


Overall view R 1200 RT

- 1 Loudspeaker
- 2 Multifunction display (➡ 16)
- 3 Storage compartment with plug connector (➡ 17)
- 4 Operating panel (➡ 14)
- 5 Multi-controller (➡ 15)

Operating panel

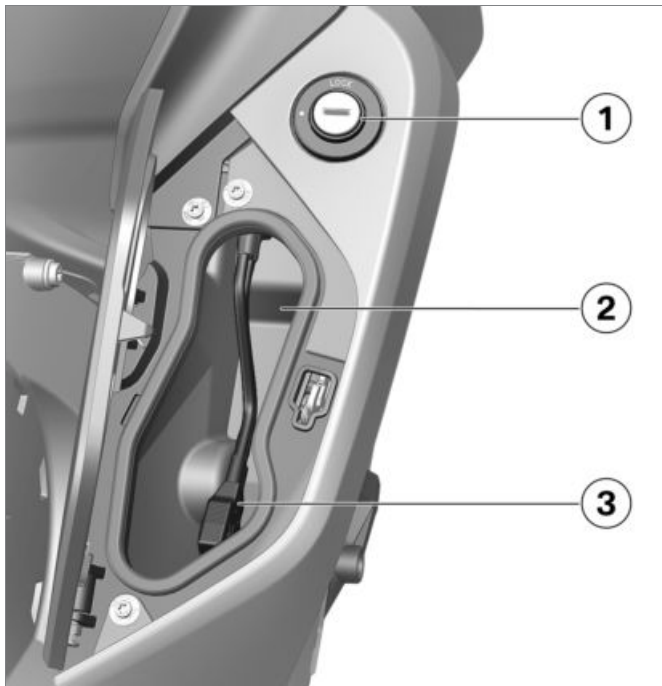
- 1 Switch on the audio system (▣▣▣ 22).
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Mute (MUTE) (▣▣▣ 24).
- 2 Select audio source (▣▣▣ 22).
- 3 Select tuner mode (▣▣▣ 29) (▣▣▣ 30)
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- 4 Find and save stations automatically (▣▣▣ 28).
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Multifunction display

- 1 Text field
- 2 Audio source (➡ 22)
- 3 Symbol for the audio source
- 4 Playback mode (depends on audio source)
- 5 Bluetooth status (➡ 44)
- 6 Mute (MUTE) (➡ 24).
- 7 Traffic programme function (➡ 32)



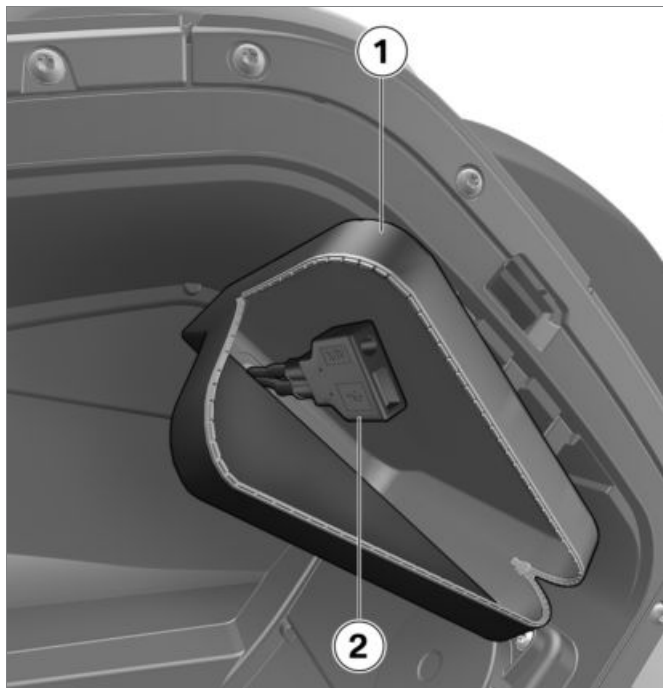


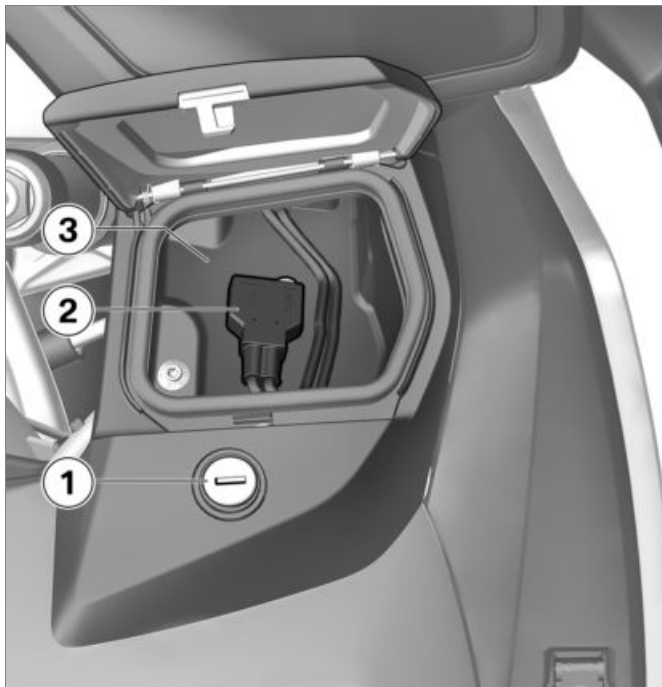
Stowage compartment for audio system, K 1600 GT / K 1600 GTL

- 1 Lock (see vehicle rider's manual)
- 2 Connection for USB plug and 3.5 mm jack (→ 36)
- 3 Stowage compartment for audio devices and mobile phone

Audio pocket in case K 1600 B

- 1 Pocket for audio devices and mobile phone
- 2 Connection for USB plug and 3.5 mm jack (→ 36)





Stowage compartment for audio system, R 1200 RT

- 1 Lock (see Rider's Manual for the vehicle)
- 2 Connection for USB plug and 3.5 mm jack (→ 36)
- 3 Stowage compartment for audio devices and mobile phone

General operation

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Switch on the audio system

- Switch on the ignition.
- » If the audio system was on when the ignition was switched off, it automatically switches on again.



- If the audio system does not switch on automatically: press the **ON** button to switch on the audio system.
- » The audio system will be in the most recently used operating mode.

Switching off audio system



- Switch off the ignition or with the ignition on, press the **ON** button and hold it down until the audio system switches off.

Select audio source



- Press **SRC** button to select the audio source.
- The following audio sources are possible; the appropriate symbol appears on the display:



Radio



MP3 mass storage device (USB) or Apple iPod (IPOD)



Other audio devices (AUX)

Volume

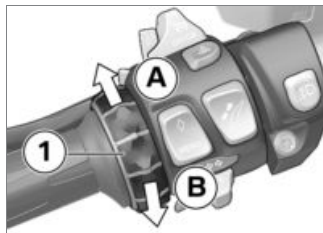
Speakers and Bluetooth

Audio playback is via either the on-board speakers or a Bluetooth-paired output device. If the Bluetooth function is not available in a particular country, only audio playback via the speakers is available.

Switching the speakers off causes automatic activation of the Bluetooth function. Switch on the speakers to switch off the Bluetooth function.

If audio playback is via a Bluetooth-compatible output device, volume has to be adjusted at the device itself. The Multi-Controller cannot be used for this purpose. Exception: if a BMW Motorrad communication system with Bluetooth 2.0 standard is connected, the Multi-Controller can be used to adjust volume (►► 47).

Adjust the volume



- Turn Multi-Controller **1** in direction **A** to increase the volume.
- Turn Multi-Controller **1** in direction **B** to reduce the volume.



Scale **2** appears on the display while the volume is being adjusted. The scale disappears automatically once no further changes are made to the volume setting.

If the display shows **Speaker OFF**, the speakers are switched off and Bluetooth is switched on.

Mute (MUTE)

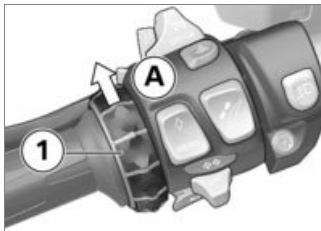


- Press the **ON** button.
- » All sound output is switched off.



The speaker symbol appears on the display.

- » If 1 or 2 BMW Motorrad communication systems with Bluetooth standard 2.0 are connected, the helmets are switched from music playback to intercom mode.
- Press the **ON** button again to cancel muting and the intercom mode.



- Alternatively: turn Multi-Controller **1** in direction **A** to cancel muting.
- » If the system is paired to a BMW Motorrad communication system with Bluetooth standard 2.0, the mute function can be cancelled only by pressing the **ON** button.

Cancel the traffic announcements



- While a traffic report is in progress, press the **ON** button to interrupt the traffic report and return to the audio source you were listening to beforehand.

Volume boost for traffic announcements

Volume for traffic announcements is boosted above the current level. This boost can be adjusted by increasing volume to the desired level during a traffic announcement. The audio sys-

tem saves the increase of the current volume and uses it for all subsequent traffic announcements. There is no provision for lowering volume.

Switch the speakers on or off

- Call up the **Settings** menu and select **Audio - Loudspeaker**.
 - » The following settings are available:
 - On: speakers on.
 - Off: speakers off.
 - » If the speakers are switched off the Bluetooth function is automatically switched on and vice versa.

Tone settings

Adjust the sound settings

- Open the **Settings** menu and select the **Audio - Sound** menu item.



- » The following settings are available:
 - **Treble**: reduce (-1...-6) or increase (+1...+6) treble.
 - **Bass**: reduce (-1...-6) or increase (+1...+6) bass.
 - **S-VOL**: switch off speed-dependent volume control (**OFF**) or select level (1...3).
 - **Loudness**: switch sound curve on (**On**) or off (**Off**).
 - **AUX**: set input signal level (1...6).

- Select the menu item you want, select the setting of your choice and exit the menu.

Volume and speed

The audio system can automatically adapt the volume to the driving speed. The increase in volume in dependence on the speed can be set to three levels. Level 3 corresponds to the largest increase.

Automatic volume adjustment does not work for playback via Bluetooth-connected communication systems.

Input signal level

The volume can be set as described on page (▶▶ 23).

In the case of audio devices that can only be connected to the system via the jack, the volume that can be set depends on:

- the output power of the audio device
- the input-signal level you select
- the volume to which the audio device is set.

You should set the input-signal level and adjust the volume of the audio device in such a way that the volume range available for adjustment corresponds to that of the other operating modes.

Radio

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Select the frequency band



- Press and hold down the **MODE** button until the frequency band changes.
- » Each time you press the button the system toggles between frequency-modulated very high frequency (FM), medium wave (MW) and long wave (LW) (in some countries only AM and FM are available).

Finding and saving radio stations

Saving stations

The BMW Motorrad audio system has 24 station memory slots for each frequency band.

- Twelve system memory slots: The Autostore function has to be used to assign the twelve stations with the strongest signals to these slots.
- Twelve personal memory slots: The rider can manually assign a station to each of these memory slots.

Find and save stations automatically

- Select the frequency band (▮▮▮▮▶ 28).



- Hold down the **MEM** button until **AS--Search** is displayed.

NOTICE

After the audio system has been switched on, the tuner needs about one minute to find all the receivable stations. Allow this time to expire before starting an automatic search, as otherwise stations not found before your search starts cannot be taken into account.◀

- » The twelve stations with the strongest signal will be found

and saved. Then the station saved in memory slot 1 will be played.

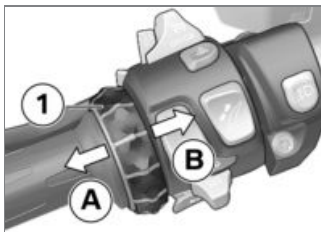
- » If fewer than twelve stations are found, the lowest frequency in that band will be saved in the remaining memory slots.
- » If no station can be found then No signal will be displayed.

Station search, manual

- Select the frequency band (☰➔ 28).



- Repeatedly press the **MODE** button until MAN appears in the top line of the display.



- Move Multi-Controller **1** in direction **A** or **B** to find the next receivable station.

- Move Multi-Controller **1** in direction **A** or **B** and hold it in this position to select a specific frequency.
 - » The frequency search stops as soon as the Multi-Controller is released, even if no playable station has been found on the current frequency.

Station save, manual

- Select a station or frequency from the frequency band.

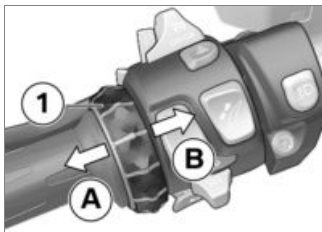


NOTICE

It is also possible to select stations from the system memory or the personal memory and then move them to a different slot in the personal memory.◀



- Press the **MEM** button to save the selected frequency / station.
- » Memory will flash on the display.



- Move Multi-Controller **1** in direction **A** or **B** to select the

required slot in the personal memory list.

- » The current assignment of this memory slot flashes on the display.



- Press the **MEM** button again to save the station / frequency to the selected memory slot.
- » The station previously saved there will be deleted.

Call up the stations saved in memory

- Select the frequency band (▶▶ 28).

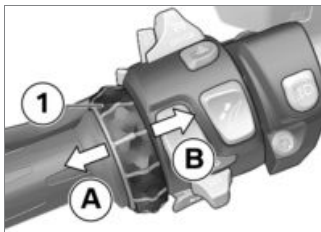


- To select a station from the system memory, press the **MODE** button repeatedly until AS is displayed.



AS appears at position **1** and the active memory slot appears at position **2**.

- To select a station from personal memory, repeatedly press the **MODE** button until position **1** shows MEM.

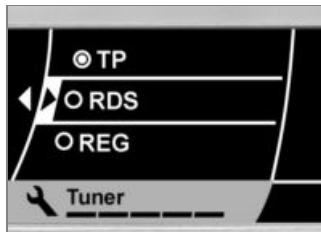


- Move Multi-Controller **1** in direction **A** or **B** to select the memory slot.

Reception settings

Select the reception settings

- Open the Settings menu and select the Audio - Tuner menu item.



- » The following settings are available:
 - RDS: switch RDS on or off
 - Traffic reports: switch traffic reports on or off (not available in all countries)
 - REG: switch regional transmitters on or off (not available in all countries)
- Select the menu item you want, select the setting of your choice and exit the menu.

Radio Data System (RDS)

Some stations broadcasting in the FM waveband transmit additional information, including programme names.

The name of the station can only be displayed if the RDS function is on. If no station name is transmitted, waveband and frequency are shown in the display.

Traffic channel

If a station broadcasting on the FM waveband transmits traffic announcements, this is in many countries included in the RDS signals (▬▬▬ 32).



If at least one station with traffic announcements is being received by the audio system, area **1** contains a T symbol. The traffic channel station does not necessarily have to be the same as the station that is currently playing. You can switch on the traffic channel function only if RDS is active. If the traffic-programme function is ON and at least one station with a traffic channel is receivable, TP appears at position **1**.

If a traffic channel station is being played and the traffic channel function is on, any other operat-

ing mode is interrupted for the duration of the announcement. Exception: if communication systems are connected in communication mode, these will not be interrupted.

Regional broadcasts

In the FM band, stations can use several frequencies for their programming. These may vary from region to region. These alternative frequencies are contained in the RDS data, which enables the audio system to change the frequency of the station automatically according to where it is. Some stations use these different frequencies to broadcast different, region-specific programmes at different times of day. This could mean that the programme will change automatically if the region is changed, even if the rider has not changed the station.

If the rider does not want the programme to be changed, the regionalisation function can be switched off (REG).

External media players

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Requirements

Audio devices (such as MP3 players) or suitable media storage devices (USB sticks) can be connected to the audio system by means of the plugs in the stowage compartment. These plugs include

- a 3.5 mm jack,
- a USB connection (supports USB 1.1 and USB 2).

The audio device must

- have a compatible connector,
- be stowable inside the stowage compartment or audio pocket,
- be able to withstand vibrations arising from normal motorcycle use,
- be able to withstand the high temperatures occurring inside the stowage compartment or cases in summer.



ATTENTION

Increased mechanical stress due to unsuitable audio devices

Component damage, no liability by BMW Motorrad

- Refer to the operating instructions of your audio device for any possible usage restrictions.◀



ATTENTION

High temperatures develop in the storage compartments, especially in summer

Damage to stored objects, in particular electronic devices, such as mobile phones and MP3 players

- Obtain information about potential usage restrictions in the operating instructions of the electronic device.◀

BMW Motorrad advises against using devices with hard discs as media storage devices, as vibrations may cause playback to skip and may damage the device.

The audio system provides a supply voltage via the USB plug, though which it is possible to charge mobile telephones and other such devices. Connecting several USB devices via a hub is not possible as the supply voltage is limited.

Connecting audio device, K 1600 GT / K 1600 GTL

- Switch off the audio system (▶▶▶ 22).



- Use USB plug connection **1** to connect the audio device to the audio system.
- Connect an Apple iPod to the audio system using the USB plug **1** and the jack plug **2**.

NOTICE

You can obtain the correct adapter cable from your BMW partner.◀

- Connect other audio devices to the audio system and switch on via the jack plug **2**.
- Position the audio device in stowage compartment **3**.

ATTENTION

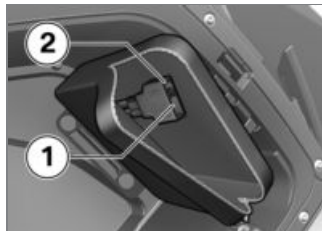
Improper routing of the access line

Damage to the seal

- Do not run the access line outside between the storage compartment and the cover.◀
- Close the lid of the compartment, making sure that neither the audio device nor the cable is trapped.
- Switch on the audio system (▮▮▮ 22).
- Select audio source (▮▮▮ 22).

Connect the audio device K 1600 B

- Switch off the audio system (▮▮▮ 22).



- Use USB plug connection **1** to connect the audio device to the audio system.
- Connect an Apple iPod to the audio system using the USB plug **1** and the jack plug **2**.

NOTICE

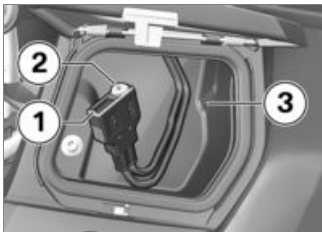
You can obtain the correct adapter cable from your BMW partner.◀

- Connect other audio devices to the audio system and switch on via the jack plug **2**.
- If possible, position the audio device in stowage net.

- Switch on the audio system (▣▣▣▶ 22).
- Select audio source (▣▣▣▶ 22).

Connect the audio device R 1200 RT

- Switch off the audio system (▣▣▣▶ 22).



- Use USB plug connection **1** to connect the audio device to the audio system.
- Connect an Apple iPod to the audio system using the USB plug **1** and the jack plug **2**.



NOTICE

You can obtain the correct adapter cable from your BMW partner.◀

- Connect other audio devices to the audio system and switch on via the jack plug **2**.
- Position the audio device in stowage compartment **3**.



ATTENTION

Improper routing of the access line

Damage to the seal

- Do not run the access line outside between the storage compartment and the cover.◀
- Close the lid of the compartment, making sure that neither the audio device nor the cable is trapped.
- Switch on the audio system (▣▣▣▶ 22).

- Select audio source (▣▣▣▶ 22).

Audio source data memory

The audio system scans the media storage device for tracks encoded as MP3s. While the scan is taking place, **LOADING** is shown on the display. Subdirectories are also scanned. The track titles in the MP3 data (in the ID3-Tag) determine the alphabetical order of the playback list and the title displayed on the system. This may not necessarily be the same as the filename. Only characters from the ASCII character set (Windows 1252) can be displayed. Other character sets are not displayed or are displayed incorrectly. Playlists can be created as a means of sorting tracks. The tracks in a playlist are played in the order in which they are listed.

The USB stick must support the Mass Storage Format, can have only one partition and must be either FAT 16 or FAT 32 formatted.

An MP3 player connected to the audio system via the USB port must also support the Mass Storage Format.

Audio source iPod

The audio system will first try and detect any tracks saved on an iPod. While the scan is taking place, **LOADING** is shown on the display. The track titles from the iPod are used as titles for alphabetic sorting and display.

The playlists from the iPod will also be found in addition to the individual tracks. Tracks are played back in the sequence required by the iPod.

The iPod receives power via the adapter cable.

iPhone

An iPhone can be used as an audio source in the same way as an iPod. The telephone functions are deactivated while the iPhone is being used as a playback source; a message to this effect might appear in the display of the iPhone.

Sound quality

BMW Motorrad recommends the following settings in the system settings of the iPod/iPhone to achieve the best possible sound quality:

- Volume adaptation: ON
- Equaliser: OFF

Other playback devices

The audio system outputs the track that is currently being played by the playback device via the speakers. The playback device cannot be controlled by

the system if it is only connected via the jack.

Media storage device and Apple iPod

Selecting playback mode

- Select audio source USB or iPod.



- Press the **MODE** button.



- » The possible playback modes are displayed:
- **Titles:** the titles of all the music tracks found are listed in alphabetical order.
- **Directory:** all directories containing music tracks are listed in alphabetical order. When you select a directory the titles of the tracks and subdirectories it contains are listed.
- **Playlists:** all playlists found are listed in alphabetical order. When you select a

playlist the titles of the tracks it contains are listed.

- **Artists:** all the artists saved in the MP3 data are listed in alphabetical order. When you select an artist the titles of all that artist's tracks are listed.
- **Albums:** all the albums saved in the MP3 data are listed in alphabetical order. When you select an album the titles of all the tracks on that album are listed.
- **Genres:** all the musical genres saved in the MP3 data are listed in alphabetical order. When you select a genre the titles of all the tracks in that genre are listed.
- » **Unknown** appears for information not saved in the MP3 data.
- Once you have selected the playback mode: select the title of the track with which you want playback to start.

Random playback



- You can activate random playback sequencing for each playback mode. To do so, press and hold down the **MODE** button.



RND is displayed at position **1**.

Bluetooth

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Bluetooth

The Bluetooth function might not be available in certain countries.

Bluetooth is a short-range wireless technology. Bluetooth devices are short-range devices transmitting on the license-free ISM band (Industrial, Scientific, Medical) between 2.402 GHz and 2.480 GHz. They can be operated anywhere in the world without a licence being required. Although Bluetooth is designed to establish and sustain robust connections over short distances, as with every other wireless technology disruptions are possible. Interference can affect connections or connections can sometimes fail. Particularly when multiple devices operate in a Bluetooth network, with wireless technology of this nature it is not possible to ensure fault-

free communications in every situation.

Possible sources of interference:

- interference fields of transmitter masts and the like
- devices with non-compliant Bluetooth implementations
- proximity of other Bluetooth-compatible devices

Note on health compatibility:

As the evidence stands, there is no indication that using Bluetooth devices has a negative effect on humans. The BMW Motorrad audio system transmits at a maximum of 10 mW; a mobile phone by contrast can have a transmit-power rating as high as 2 W. The ISM frequency band used by Bluetooth is reserved for the world-wide use of devices in the industrial, scientific and medical sectors and given the low transmit-power ratings, Bluetooth

devices are considered safe in terms of potential health risks.

Playback via helmet


The audio system can be connected to the Bluetooth-compatible BMW Motorrad communication systems. Playback in this case is not through the speakers, but by wireless transmission through the headphones in the helmet.

Switch the Bluetooth function on and off

- To switch on the Bluetooth function: switch off the speakers.
- To switch off the Bluetooth function: switch on the speakers.
- Switch the speakers on or off (▣▶ 25).



Bluetooth symbol **1** appears on the display.

 A dot to the left of the Bluetooth symbol indicates that the audio system is connected to the rider's helmet (Helmet1). A dot to the right of the Bluetooth symbol indicates a connection to the passenger's helmet (Helmet2). A flashing dot indicates that the audio system is searching for the corresponding helmet.

» If pairing information for a communication system is saved in the audio system's memory,

the audio system automatically searches for this system. If connection to a BMW Motorrad communication system is not established despite the fact that the system is switched on:

- Briefly press the on/off button of the communication system twice in quick succession.

Pairing

Two Bluetooth devices must detect each other before they can create a connection with each other. This process of mutual recognition is known as pairing. When two devices have paired they remember each other, so the pairing process is conducted only once, on initial contact. Two BMW communication systems with Bluetooth standard 2.0 are required if both rider's helmet and passenger's helmet are to be paired to the audio system. If either of the two BMW systems

is using Bluetooth standard 1.2, only one helmet can be paired. Refer to the operating instructions of your communication system for information on Bluetooth standards.

During the pairing process, the audio system searches for other Bluetooth-compatible devices within its reception range. The conditions that have to be satisfied before the audio system can recognise another device are as follows:

- The Bluetooth function of the device must be activated
- The device must be "visible" to others
- The device must support the A2DP profile
- Other Bluetooth-compatible devices must be OFF (e.g. mobile phones and navigation systems).

Please consult the operating instructions for your communication system.

Pairing information already saved in the BMW Motorrad communication system has to be deleted beforehand. Always start by pairing with the audio system first.

You can find detailed pairing instructions for different device combinations in the "Pairing" chapter (▶▶▶ 50).

Pairing

- Switch the Bluetooth function on and the loudspeakers off.
- Switch off all other Bluetooth enabled devices (e. g. mobile telephones) within ten metres (or at least their Bluetooth function).
- Activate helmet's Bluetooth function and visibility (see helmet operating instructions).



NOTICE

It can take some time for a Bluetooth device to be detected. It is always best to activate the search function as soon as possible after activating visibility, so that the searching device will have as long as possible to find the visible device.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.
- Select **Helmet1** to establish the connection to the communication system in the rider's helmet.
- Select **Helmet2** to establish the connection to the communication system in the passenger's helmet, once the rider's helmet has been paired (possible only with two BMW Motorrad communication

systems with Bluetooth standard 2.0).

- Select **Unpair all** to delete the pairing information saved in memory.
- » If you selected **Helmet1** or **Helmet2**, the audio system now searches for visible Bluetooth-compatible devices; the word **Search...** appears on the display. There is no music playback while the search is in progress. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

- Select the communication system to establish the connection.
 - » Connect is displayed.
 - » One of the following will appear:
 - **Successful:** connection established, playback via speakers in helmet.
 - **Not possible.:** you have attempted to pair the passenger's helmet before pairing the rider's helmet or there is no BMW Motorrad communication

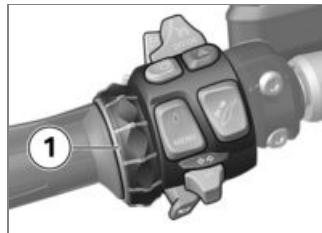
system installed in the rider's helmet.

- **Failed:** connection cannot be established.

If no connection could be established:

- If you want to connect two communication systems: step through the pairing process for the rider's helmet first, then pair the passenger's helmet. Check that both communication systems support Bluetooth standard 2.0 or higher.
- If there are active Bluetooth devices in the vicinity, switch them off.
- Delete the pairing information saved in the audio system.
- Delete the devices saved in the communication system.
- Run the pairing procedure again.

Additional functions



Rider's helmet with BMW Motorrad communication system with Bluetooth standard 2.0

- The volume of the helmet speakers can be adjusted directly using Multi-Controller **1**.
- Any change in helmet volume is shown on the display.

The volume for helmet 2 cannot be adjusted by means of the Multi-Controller.



Rider's and passenger's helmets with BMW Motorrad communication system with Bluetooth standard 2.0

- If the **ON** button (MUTE function) is pressed, playback is interrupted and the intercom function is switched on in both helmets. Pressing the **ON** button again terminates the intercom function and playback resumes (the changeover can take up to approx. 10 seconds).

Pairing

Mutual detection.....	50
Combination level 1: Audio system with 1 helmet	52
Combination level 2: Audio system with 2 helmets	58
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Mutual detection

Any 2 Bluetooth devices have to recognise each other before they can communicate. This process of mutual recognition is known as pairing. In the pairing process a Bluetooth-compatible device searches for visible Bluetooth-compatible devices within its reception range and saves their IDs. When two devices have paired they remember each other, so the pairing process is conducted only once, on initial contact.

This chapter describes the pairing procedures for various combinations of devices. The use of the following BMW systems is assumed:

- Audio system of the K 1600 GT, K 1600 GTL or R 1200 RT
- BMW Motorrad communication system (version 2.0 or higher)

- BMW Motorrad Navigator

The description is based on the K 1600 GT and K 1600 GTL likewise applies to the R 1200 RT. Exceptions are described separately.

In principle other systems can be used as well, but given the possibility of differences in specifications and the variety of possible combinations, BMW Motorrad cannot guarantee flawless operation.

The systems must have the following properties:

Navigation devices:

- **HFP** (Hands Free Profile) or **HSP** (Headset Profile), in order to communication with the BMW communication system.

Mobile phones:

- **HFP/HSP**, in order to communicate with the BMW naviga-

tion system or the BMW communication system.

Communication systems:

- **A2DP** (Advanced Audio Distribution Profile) in order to receive audio data from the BMW audio system.
- **HFP/HSP**, in order to communicate with the BMW navigation system.
- The connection of two communication systems (rider and passenger systems) with the audio system is possible only with BMW Motorrad systems. These systems must support Bluetooth standard 2.0 or higher. Other-make communication systems cannot be used in this case.

It is absolutely essential to proceed in the correct sequence when pairing, as otherwise the

systems will not all function correctly:

Order:

- The existing pairing entries in the audio system and in the communication systems have to be deleted.
- You must first pair the audio system with the communication systems.
- Only then is it possible to proceed and pair the communication systems with other systems or devices.

The BMW Motorrad communication system can save only one A2DP-compatible music device. If you want to connect a music device other than the audio system to the communication system, you must first delete the pairing information relating to the audio system.

Note on wireless connections:

Bluetooth is a short-range wireless technology. Although Bluetooth is designed to establish and sustain robust connections over short distances, as with every other wireless technology disruptions are possible. Interference can affect connections or connections can sometimes fail. Particularly when multiple devices operate in a Bluetooth network, with wireless technology of this nature it is not possible to ensure fault-free communications in every situation.

Combination level 1: Audio system with 1 helmet

Requirements

- One BMW Motorrad communication system with Bluetooth 1.2 (pairing with WCS-1 not possible), with Bluetooth 2.0 or higher.
- All Bluetooth-compatible devices within range must be switched off or their Bluetooth function must be deactivated (if applicable, use the search function of a mobile phone or a navigation system to check whether unknown Bluetooth devices are visible).



Procedure for combination level 1:

Audio system - helmet

- Pairing, audio system with communication system of the helmet

Pairing, audio system with communication system of the helmet

- Switch on the audio system (▣▣▣▣ 53).
- Deleting pairing entries (▣▣▣▣ 53).
- Switch on communication system (▣▣▣▣ 54).
- Delete the pairing entries in communication system (▣▣▣▣ 54).
- Making communication system visible (▣▣▣▣ 54).
- Searching for communication system (▣▣▣▣ 55).
- Switch off the audio system (▣▣▣▣ 56).

- Switch off communication system (▣▣▣▣ 56).
- Switching on systems (▣▣▣▣ 56).
- Re-establish the connection (▣▣▣▣ 57).

Switch on the audio system

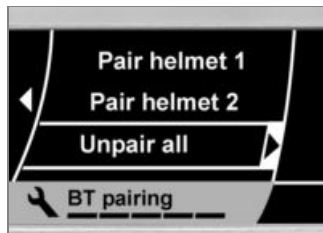
- Switch on the ignition.



- If the audio system does not come on automatically, press the **ON** button.

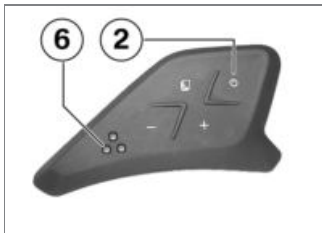
Deleting pairing entries

- Call up the Settings menu and select menu item Audio - BT pairing.



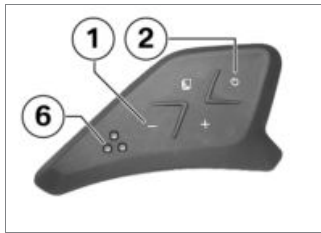
- Select Unpair all and Confirm to delete the pairing entries.

Switch on communication system



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system



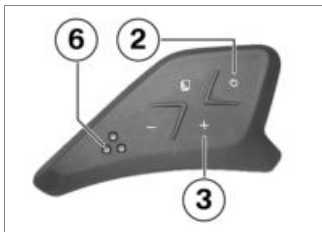
- Simultaneously press button **1** and button **2** and hold the buttons down.
 - » If deletion is successful, green LED **6** lights up briefly and then starts slow-flashing to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Making communication system visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



Searching for communication system

NOTICE

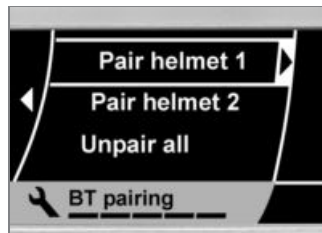
There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.

- Simultaneously press button **2** and button **3** of the helmet and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.



- Select **Helmet 1** to establish the connection to the rider's helmet.
 - » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

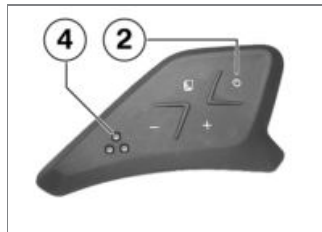
- Select the communication system to establish the connection.
- » Connect is displayed.
- » If pairing is successful the word Successful appears on the display.

Switching off audio system



- Turn off the ignition or, if the ignition is turned on, press the **ON** button.

Switch off communication system



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching on systems

- Switch on all participating systems.
- » The systems recognise each other; no further steps are necessary.

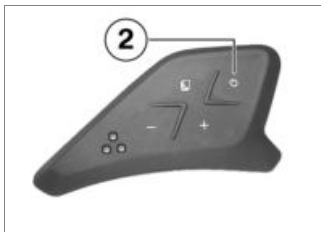
Re-establish the connection

Requirement

If pairing of the audio system with the communication system was successful, but the connection was not established:



- Press the **ON** button twice in not too rapid succession so that the systems reconnect.



- As an alternative to connection setup with the audio system, you can press button **2** on the communication system twice in rapid succession so that the systems reconnect.

Combination level 2: Audio system with 2 helmets

Requirements

- 2 helmets with BMW Motorrad communication system with Bluetooth 2.0 or higher (pairing with Bluetooth 1.2 is not possible).
- All Bluetooth-compatible devices within range must be switched off or their Bluetooth function must be deactivated (if applicable, use the search function of a mobile phone or a navigation system to check whether unknown Bluetooth devices are visible).



Procedure for combination level 2:

Audio system - 2 helmets

- Pairing, audio system with communication system in helmet 1
- Pairing, audio system with communication system in helmet 2
- Pairing, communication system in helmet 1 with communication system in helmet 2

Pairing, audio system with communication system in helmet 1

- Switch on the audio system (➡ 59).
- Deleting pairing entries (➡ 59).
- Switching on communication system in helmet 1 (➡ 60).
- Delete the pairing entries in communication system in helmet 1 (➡ 60).

- Make the communication system of helmet 1 visible (➡ 60).
- Search for the communication system of helmet 1 (➡ 61).
- Switching off communication system in helmet 1 (➡ 62).

Switch on the audio system

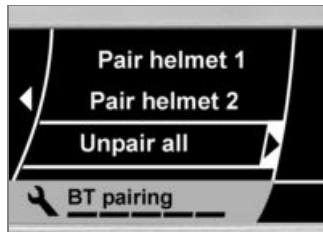
- Switch on the ignition.



- If the audio system does not come on automatically, press the **ON** button.

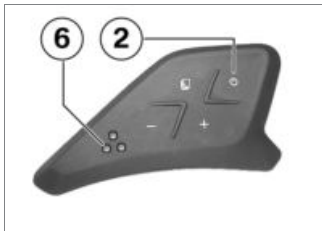
Deleting pairing entries

- Call up the Settings menu and select menu item Audio - BT pairing.



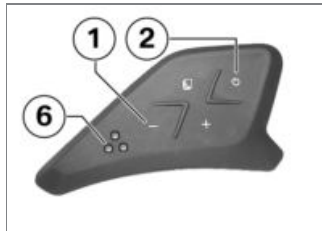
- Select Unpair all and Confirm to delete the pairing entries.

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 1



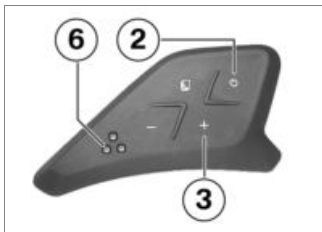
- Simultaneously press button **1** and button **2** and hold the buttons down.
- » If deletion is successful, green LED **6** lights up briefly and then starts flashing slowly to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Make the communication system of helmet 1 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



Search for the communication system of helmet 1

NOTICE

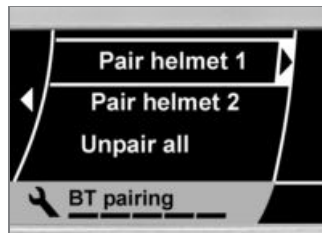
There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.

- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.



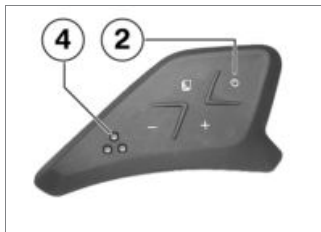
- Select **Helmet 1** to establish the connection to the rider's helmet.
 - » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

- Select the communication system to establish the connection.
 - » Connect is displayed.
 - » If pairing is successful the word Successful appears on the display.

Switching off communication system in helmet 1



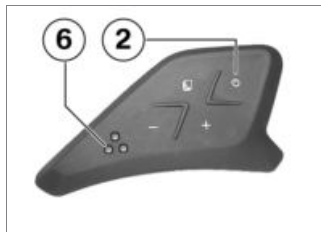
- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, audio system with communication system in helmet 2

- Switching on communication system in helmet 2 (▶▶▶ 62).

- Delete the pairing entries in communication system in helmet 2 (▶▶▶ 63).
- Make the communication system of helmet 2 visible (▶▶▶ 63).
- Search for the communication system of helmet 2 (▶▶▶ 64).
- Switch off the audio system (▶▶▶ 65).

Switching on communication system in helmet 2

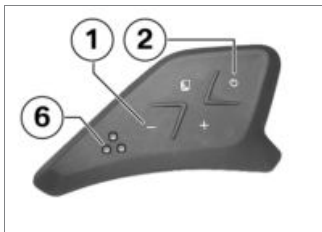


- Press button **2** and hold it down until a high-pitched con-

firmation tone sounds and green LED **6** starts flashing.

- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 2



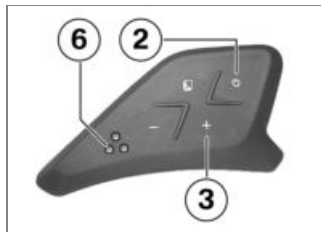
- Simultaneously press button **1** and button **2** and hold the buttons down.

- » If deletion is successful, green LED **6** lights up briefly and then starts slow-flashing to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other. BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.



- Select **Helmet 2** to establish the connection to the passenger's helmet.
 - » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with **BMW_HE...**

- Select the communication system to establish the connection.
 - » **Connect** is displayed.
 - » If pairing is successful the word **Successful** appears on the display.

Switching off audio system



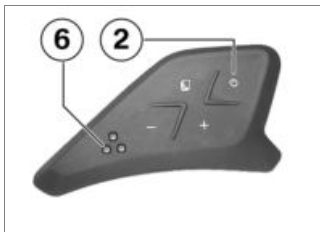
- Turn off the ignition or, if the ignition is turned on, press the **ON** button.

Pairing, communication system in helmet 1 with communication system in helmet 2

- Switching on communication system in helmet 1 (➡ 65).
- Make the communication system of helmet 2 visible (➡ 65).

- Search for the communication system of helmet 2 (➡ 66).
- Switching off communication system in helmet 1 (➡ 62).
- Switching off communication system in helmet 2 (➡ 67).
- Switching on systems (➡ 67).
- Re-establish the connection (➡ 68).

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched con-

- firmation tone sounds and green LED **6** starts flashing.
- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

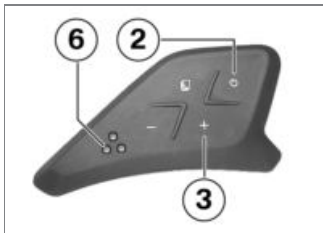
Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions

for both steps before moving on to that part of the procedure.◀



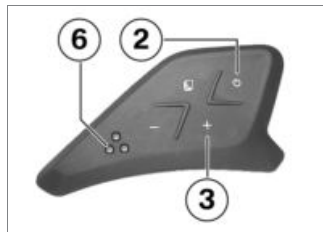
- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2

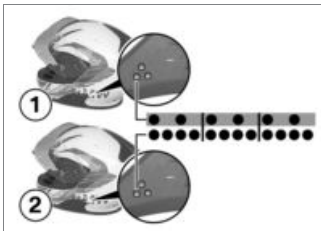


NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other. BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



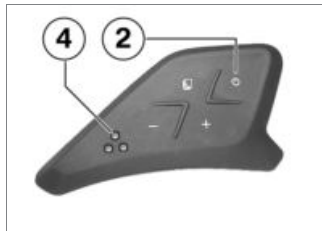
- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 4 Hz).
- » The communication system of helmet 1 now searches for another visible helmet for a maximum of 15 seconds; green LED **6** flashes at a rate of four flashes per second.



The green LED of the searching helmet **2** flashes twice as fast as the green LED of the visible helmet **1**.

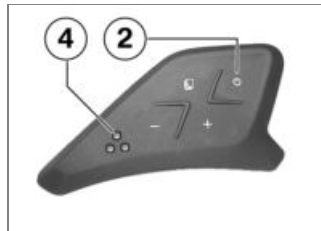
- » If pairing is successful the green LEDs of both helmets light up for one second and the voice connection is established. A high-pitched confirmation tone sounds in both helmets.

Switching off communication system in helmet 1



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching off communication system in helmet 2



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching on systems

- Switch on all participating systems.

» The systems recognise each other; no further steps are necessary.

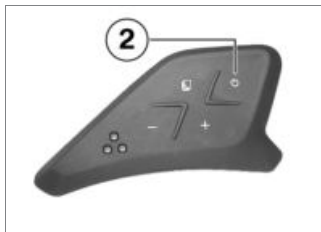
Re-establish the connection

Requirement

If pairing of the audio system with the communication system was successful, but the connection was not established:



- Press the **ON** button twice in not too rapid succession so that the systems reconnect.



- As an alternative to connection setup with the audio system, you can press button **2** on the communication system twice in rapid succession so that the systems reconnect.



Combination level 3: Audio system with 2 helmets and 2 mobile phones

Requirements

- 2 helmets with BMW Motorrad communication system with Bluetooth 2.0 or higher (pairing with Bluetooth 1.2 is not possible).
- All Bluetooth-compatible devices within range must be switched off or their Bluetooth function must be deactivated (if applicable, use the search function of a mobile phone or a navigation system to check whether unknown Bluetooth devices are visible).

Procedure for combination level 3:

Audio system - 2 helmets - 2 mobile phones

- Pairing, audio system with communication system in helmet 1
- Pairing, audio system with communication system in helmet 2
- Pairing, communication system in helmet 1 with communication system in helmet 2
- Pairing, communication system in helmet 1 with mobile phone 1
- Pairing, communication system in helmet 2 with mobile phone 2

Pairing, audio system with communication system in helmet 1

- Switch on the audio system (▣▣▣▣ 70).

- Deleting pairing entries (▣▣▣▣ 70).
- Switching on communication system in helmet 1 (▣▣▣▣ 71).
- Delete the pairing entries in communication system in helmet 1 (▣▣▣▣ 71).
- Make the communication system of helmet 1 visible (▣▣▣▣ 72).
- Search for the communication system of helmet 1 (▣▣▣▣ 72).
- Switching off communication system in helmet 1 (▣▣▣▣ 67).

Switch on the audio system

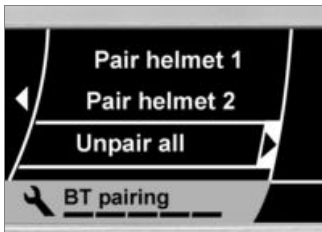
- Switch on the ignition.



- If the audio system does not come on automatically, press the **ON** button.

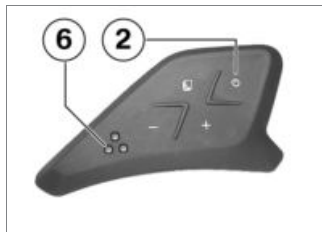
Deleting pairing entries

- Call up the Settings menu and select menu item Audio - BT pairing.



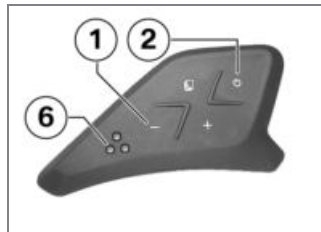
- Select **Unpair all** and **Confirm** to delete the pairing entries.

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 1



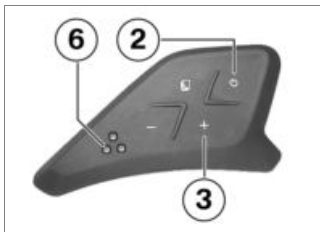
- Simultaneously press button **1** and button **2** and hold the buttons down.
 - » If deletion is successful, green LED **6** lights up briefly and then starts flashing slowly to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Make the communication system of helmet 1 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 1

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.

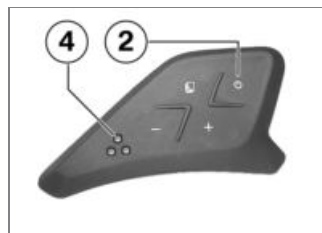


- Select **Helmet 1** to establish the connection to the rider's helmet.
- » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.

BMW Motorrad communication systems are shown with **BMW_HE...**

- Select the communication system to establish the connection.
 - » **Connect** is displayed.
 - » If pairing is successful the word **Successful** appears on the display.

Switching off communication system in helmet 1



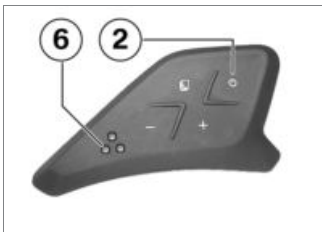
- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, audio system with communication system in helmet 2

- Switching on communication system in helmet 2 (➡ 74).

- Delete the pairing entries in communication system in helmet 2 (▣▣▣ 74).
- Make the communication system of helmet 2 visible (▣▣▣ 74).
- Search for the communication system of helmet 2 (▣▣▣ 75).
- Switch off the audio system (▣▣▣ 76).

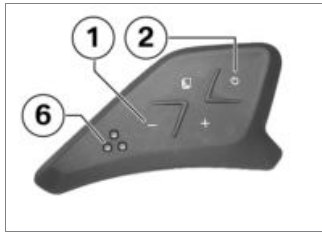
Switching on communication system in helmet 2



- Press button **2** and hold it down until a high-pitched con-

- firmation tone sounds and green LED **6** starts flashing.
- » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 2



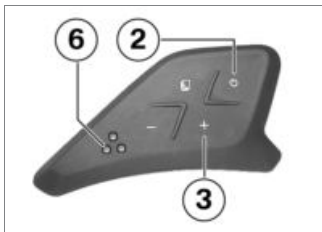
- Simultaneously press button **1** and button **2** and hold the buttons down.

- » If deletion is successful, green LED **6** lights up briefly and then starts slow-flashing to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other. BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



Search for the communication system of helmet 2

NOTICE

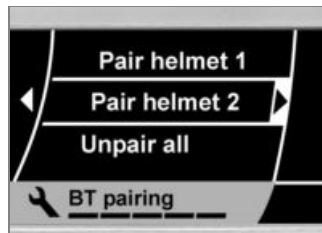
There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.

- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.



- Select **Helmet 2** to establish the connection to the passenger's helmet.
 - » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

- Select the communication system to establish the connection.
 - » Connect is displayed.
 - » If pairing is successful the word Successful appears on the display.

Switching off audio system



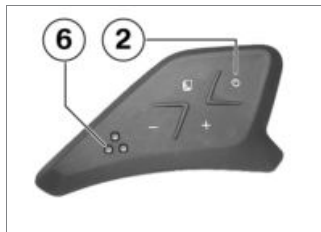
- Turn off the ignition or, if the ignition is turned on, press the **ON** button.

Pairing, communication system in helmet 1 with communication system in helmet 2

- Switching on communication system in helmet 1 (►► 76).
- Make the communication system of helmet 2 visible (►► 77).

- Search for the communication system of helmet 2 (►► 77).
- Switching off communication system in helmet 1 (►► 78).
- Switching off communication system in helmet 2 (►► 79).

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.

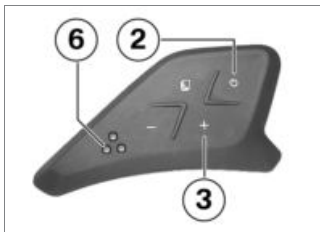
- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



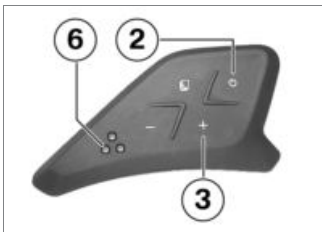
- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2

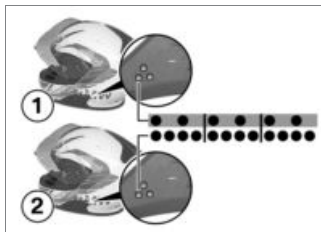
NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



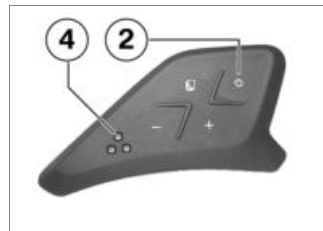
- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 4 Hz).
- » The communication system of helmet 1 now searches for another visible helmet for a maximum of 15 seconds; green LED **6** flashes at a rate of four flashes per second.



The green LED of the searching helmet **2** flashes twice as fast as the green LED of the visible helmet **1**.

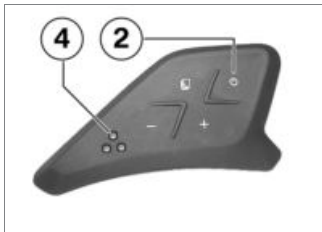
- » If pairing is successful the green LEDs of both helmets light up for one second and the voice connection is established. A high-pitched confirmation tone sounds in both helmets.

Switching off communication system in helmet 1



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching off communication system in helmet 2



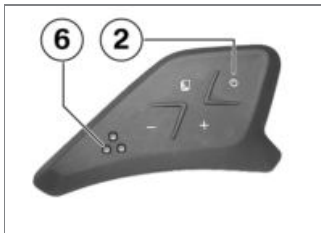
- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, communication system in helmet 1 with mobile phone 1

- Switching on communication system in helmet 1 (☛ 79).

- Switch on mobile phone 1 (☛ 79).
- Make the communication system of helmet 1 visible (☛ 79).
- Search for the communication system of helmet 1 (☛ 80).
- Switching off mobile phone 1 (☛ 81).
- Switching off communication system in helmet 1 (☛ 78).

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched con-

- firmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Switching on mobile phone 1

- Switch on mobile phone 1.
- Switch on the Bluetooth function in mobile phone 1.

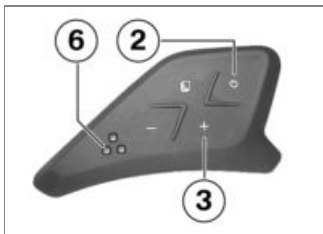
Make the communication system of helmet 1 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a

maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 1



NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

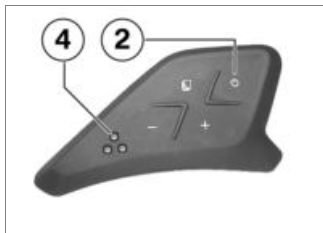
- Allow mobile phone 1 to search for other Bluetooth devices.

- » Mobile phone 1 displays a list of found (and if applicable saved) Bluetooth devices.
- » The communication system is listed as a headset identified by the designation BMW HELMET II xxxx; the string "xxxx" stands for the ID number.
- Select the communication system of helmet 1.
- When the prompt appears on the display of the mobile phone, key in the ID "0000" for the helmet.
- » Pairing is confirmed by the mobile phone.
- Depending on the mobile phone, it might be necessary to confirm automatic connection setup or complete a final confirmation procedure.

Switching off mobile phone 1

- Switch off mobile phone 1 or its visibility.

Switching off communication system in helmet 1

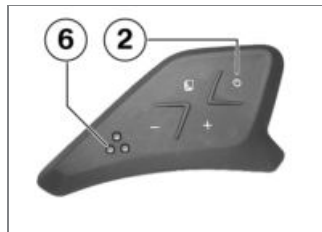


- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, communication system in helmet 2 with mobile phone 2

- Switching on communication system in helmet 2 (☞ 81).
- Switch on mobile phone 2 (☞ 82).
- Make the communication system of helmet 2 visible (☞ 82).
- Search for the communication system of helmet 2 (☞ 82).
- Switching off communication system in helmet 2 (☞ 79).
- Switching on systems (☞ 83).
- Re-establish the connection (☞ 83).

Switching on communication system in helmet 2



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Switching on mobile phone 2

- Switch on mobile phone 2.
- Switch on the Bluetooth functions in mobile phone 2.

Make the communication system of helmet 2 visible

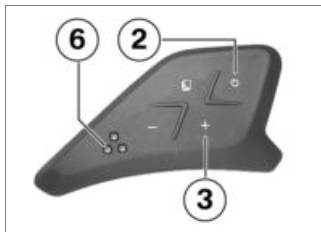


NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2



NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

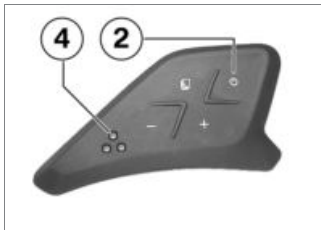
BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Allow mobile phone 2 to search for other Bluetooth devices.
 - » Mobile phone 2 displays a list of found (and if applicable saved) Bluetooth devices.
 - » The communication system is listed as a headset

identified by the designation `BMW_HELMET_II_XXXX`; the string "xxxx" stands for the ID number.

- Select the communication system of helmet 2.
- When the prompt appears on the display of the mobile phone, key in the ID "0000" for the helmet.
- » Pairing is confirmed by the mobile phone.
- Depending on the mobile phone, it might be necessary to confirm automatic connection setup or complete a final confirmation procedure.

Switching off communication system in helmet 2



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching on systems

- Switch on all participating systems.

» The systems recognise each other; no further steps are necessary.

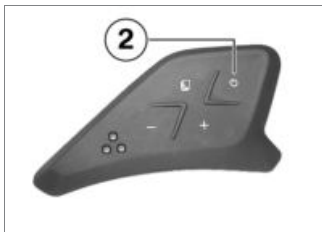
Re-establish the connection

Requirement

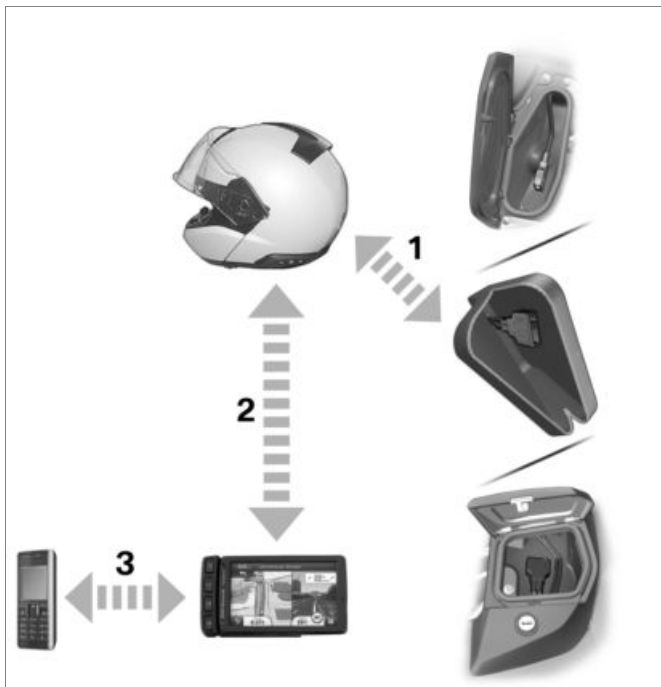
If pairing of the audio system with the communication system was successful, but the connection was not established:



- Press the **ON** button twice in not too rapid succession so that the systems reconnect.



- As an alternative to connection setup with the audio system, you can press button **2** on the communication system twice in rapid succession so that the systems reconnect.



Combination level 4: Audio system with helmet, navigation system and mobile phone

Requirements

- 1 helmet with BMW Motorrad communication system with Bluetooth 2.0 or higher (pairing with Bluetooth 1.2 is not possible).
- All Bluetooth-compatible devices within range must be switched off or their Bluetooth function must be deactivated (if applicable, use the search function of a mobile phone or a navigation system to check whether unknown Bluetooth devices are visible).

Procedure for combination level 4:

Audio system - helmet - navigation system - mobile phone

- Pairing, audio system with communication system of the helmet
- Pairing, navigation system with communication system of the helmet
- Pairing, navigation system with mobile phone

Pairing, audio system with communication system of the helmet

- Switch on the audio system (▣▣▣ 86).
- Deleting pairing entries (▣▣▣ 86).
- Switch on communication system (▣▣▣ 87).
- Delete the pairing entries in communication system (▣▣▣ 87).

- Making communication system visible (▣▣▣ 87).
- Searching for communication system (▣▣▣ 88).
- Switch off the audio system (▣▣▣ 89).
- Switch off communication system (▣▣▣ 89).

Switch on the audio system

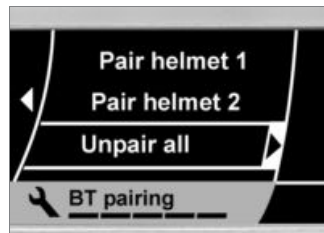
- Switch on the ignition.



- If the audio system does not come on automatically, press the **ON** button.

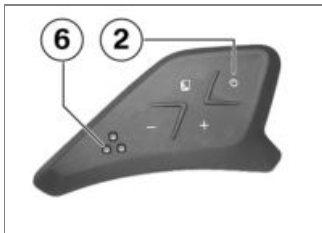
Deleting pairing entries

- Call up the Settings menu and select menu item Audio - BT pairing.



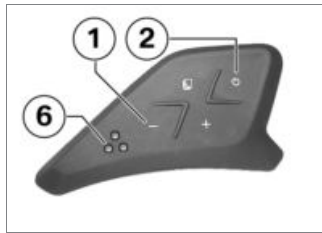
- Select **Unpair all** and **Confirm** to delete the pairing entries.

Switch on communication system



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system



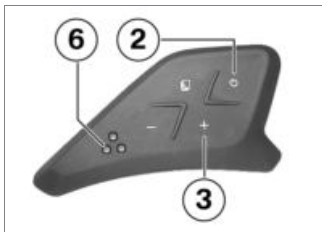
- Simultaneously press button **1** and button **2** and hold the buttons down.
 - » If deletion is successful, green LED **6** lights up briefly and then starts slow-flashing to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Making communication system visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of the helmet and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Searching for communication system

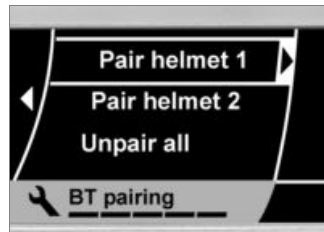


NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio** - **BT pairing**.



- Select **Helmet 1** to establish the connection to the rider's helmet.
- » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

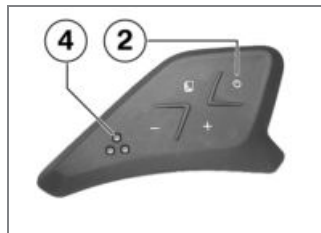
- Select the communication system to establish the connection.
 - » Connect is displayed.
 - » If pairing is successful the word **Successful** appears on the display.

Switching off audio system



- Turn off the ignition or, if the ignition is turned on, press the **ON** button.

Switch off communication system



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

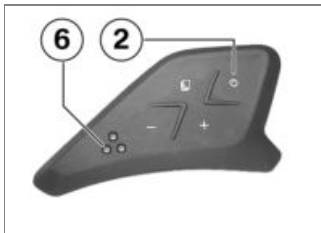
Pairing, navigation system with communication system of the helmet

NOTICE

If a certain period of time passes without reception of a signal from the navigation system, the communication system shuts down the connection.◀

- Switch on communication system (➡ 90).
- Making communication system visible (➡ 90).
- Search for the communication system of helmet (➡ 91).
- Switch off communication system (➡ 89).

Switch on communication system



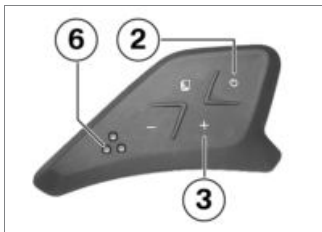
- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Making communication system visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



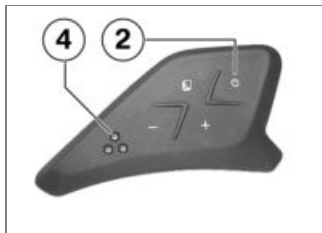
Search for the communication system of helmet

- Simultaneously press button **2** and button **3** of the helmet and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

- Switch on the navigation system.
- Open "Tools" - "Settings" - "Bluetooth" and select the "Enabled" option.
- In the "Audio" menu, select the "Add" option and touch "OK" to confirm.
 - » For 60 seconds the navigation system searches for a visible communication system.
 - » The navigation system displays the list of found Bluetooth devices.
 - » The communication system is listed as a headset identified by the designation `BMW_HELMET_II_XXXX`, the string "XXXX" stands for the ID number.

- Select the communication system and touch "OK" to confirm.
 - » The navigation system confirms successful connection to the helmet.

Switch off communication system



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, navigation system with mobile phone

- Making mobile phone visible (▣▣▣▶ 92).
- Searching for mobile phone (▣▣▣▶ 92).
- Switching off navigation system (▣▣▣▶ 92).
- Making mobile phone invisible (▣▣▣▶ 92).
- Switching on systems (▣▣▣▶ 93).
- Re-establish the connection (▣▣▣▶ 93).

Making mobile phone visible

- Switch on the mobile phone.
- Switch on the Bluetooth function in the mobile phone.
- Make the mobile phone visible to other Bluetooth devices.

Searching for mobile phone

- Switch on the navigation system.
- Open "Tools" - "Settings" - "Bluetooth" and select the "Enabled" option.
- In the "Phone" menu, select the "Add" option and touch "OK" to confirm.
 - » For 60 seconds the navigation system searches for a visible mobile phone.
 - » The navigation system displays the list of found Bluetooth devices.
 - » The mobile phone's Bluetooth passkey is stored in the mobile phone.
- Select the mobile phone and touch "OK" to confirm.
 - » "Attempting to connect to Bluetooth device. Bluetooth

ID code : 1234" in the window of the Navigator.

- When the prompt appears on the display of the mobile phone, key in the ID "1234" for the navigation system.
 - » Pairing is confirmed by the mobile phone.
- Depending on the mobile phone, it might be necessary to confirm automatic connection setup or complete a final confirmation procedure.

Switching off navigation system

- Switch off the navigation system.

Making mobile phone invisible

- Once pairing completes successfully, switch off the visibility of the mobile phone for other Bluetooth devices.

Switching on systems

- Switch on all participating systems.
- » The systems recognise each other; no further steps are necessary.

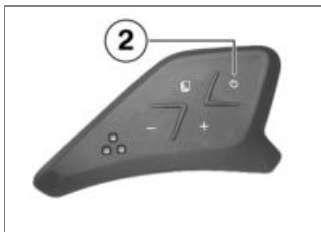
Re-establish the connection

Requirement

If pairing of the audio system with the communication system was successful, but the connection was not established:



- Press the **ON** button twice in not too rapid succession so that the systems reconnect.



- As an alternative to connection setup with the audio system, you can press button **2** on the communication system twice

in rapid succession so that the systems reconnect.

Combination level 5: Audio system with 2 helmets, navigation system and 2 mobile phones

Requirements

- 2 helmets with BMW Motorrad communication system with Bluetooth 2.0 or higher (pairing with Bluetooth 1.2 is not possible).
- All Bluetooth-compatible devices within range must be switched off or their Bluetooth function must be deactivated (if applicable, use the search function of a mobile phone or a navigation system to check whether known Bluetooth devices are visible).



Procedure for combination level 5:

Audio system - 2 helmets - navigation system - 2 mobile phones

- Pairing, audio system with communication system in helmet 1
- Pairing, audio system with communication system in helmet 2
- Pairing, communication system in helmet 1 with communication system in helmet 2
- Pairing, navigation system with communication system in helmet 1
- Pairing, navigation system with mobile phone 1
- Pairing, communication system in helmet 2 with mobile phone 2

Pairing, audio system with communication system in helmet 1

- Switch on the audio system (➡ 95).
- Deleting pairing entries (➡ 95).
- Switching on communication system in helmet 1 (➡ 96).
- Delete the pairing entries in communication system in helmet 1 (➡ 96).
- Make the communication system of helmet 1 visible (➡ 97).
- Search for the communication system of helmet 1 (➡ 97).
- Switching off communication system in helmet 1 (➡ 98).

Switch on the audio system

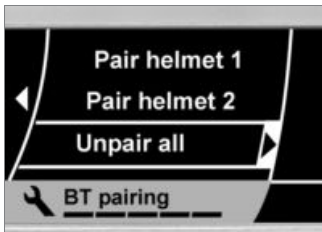
- Switch on the ignition.



- If the audio system does not come on automatically, press the **ON** button.

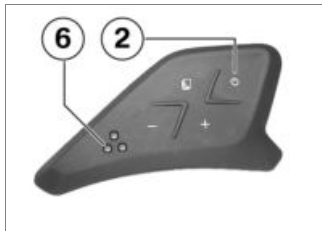
Deleting pairing entries

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.



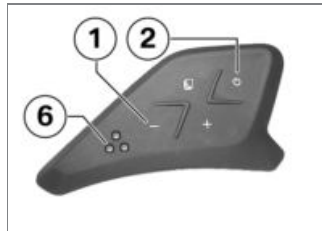
- Select **Unpair all** and **Confirm** to delete the pairing entries.

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
 - » The communication system initialises itself; the green LED slow-flashes.
 - » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 1



- Simultaneously press button **1** and button **2** and hold the buttons down.
 - » If deletion is successful, green LED **6** lights up briefly and then starts flashing slowly to indicate that the system is on standby. A high-pitched confirmation tone sounds.

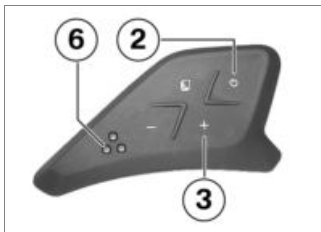
Make the communication system of helmet 1 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 1

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

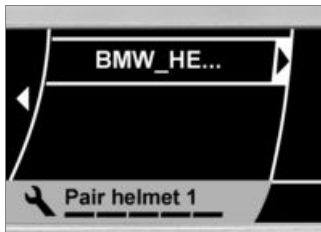
Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.



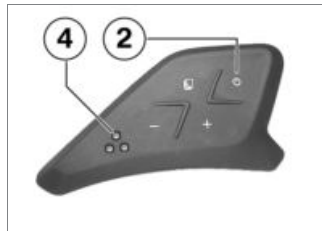
- Select **Helmet 1** to establish the connection to the rider's helmet.
 - » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with **BMW_HE...**

- Select the communication system to establish the connection.
 - » **Connect** is displayed.
 - » If pairing is successful the word **Successful** appears on the display.

Switching off communication system in helmet 1



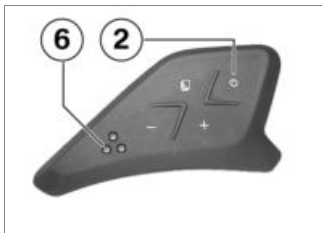
- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
 - » The communication system switches itself off, the red LED flashes three times.

Pairing, audio system with communication system in helmet 2

- Switching on communication system in helmet 2 (►► 99).

- Delete the pairing entries in communication system in helmet 2 (☛ 99).
- Make the communication system of helmet 2 visible (☛ 99).
- Search for the communication system of helmet 2 (☛ 100).
- Switch off the audio system (☛ 101).

Switching on communication system in helmet 2

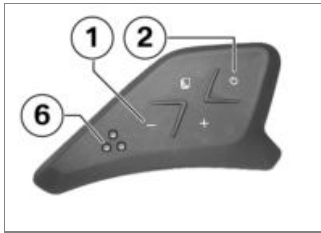


- Press button **2** and hold it down until a high-pitched con-

firmation tone sounds and green LED **6** starts flashing.

- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Delete the pairing entries in communication system in helmet 2



- Simultaneously press button **1** and button **2** and hold the buttons down.

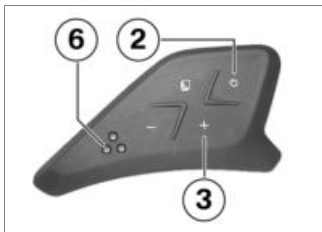
- » If deletion is successful, green LED **6** lights up briefly and then starts slow-flashing to indicate that the system is on standby. A high-pitched confirmation tone sounds.

Make the communication system of helmet 2 visible



NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other. BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2



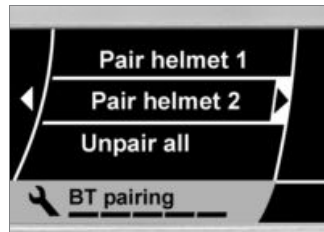
NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Call up the **Settings** menu and select menu item **Audio - BT pairing**.



- Select **Helmet 2** to establish the connection to the passenger's helmet.
- » The audio system searches for visible Bluetooth-compatible devices; **Search...** appears on the display. All the devices found in the search are then listed.



BMW Motorrad communication systems are shown with BMW_HE

- Select the communication system to establish the connection.
- » Connect is displayed.
- » If pairing is successful the word **Successful** appears on the display.

Switching off audio system



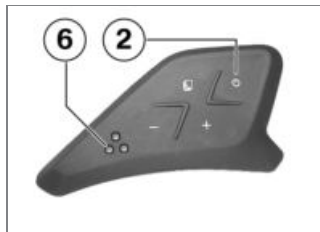
- Turn off the ignition or, if the ignition is turned on, press the **ON** button.

Pairing, communication system in helmet 1 with communication system in helmet 2

- Switching on communication system in helmet 1 (➡ 101).
- Make the communication system of helmet 2 visible (➡ 102).

- Search for the communication system of helmet 2 (➡ 102).
- Switching off communication system in helmet 1 (➡ 103).
- Switching off communication system in helmet 2 (➡ 104).

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.

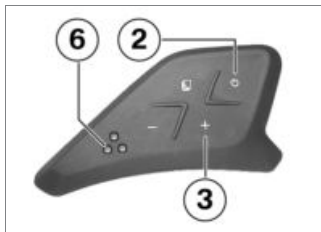
- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



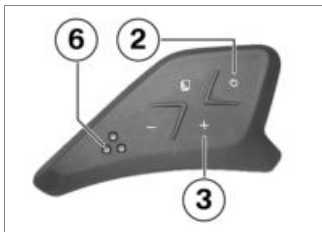
- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
 - » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2

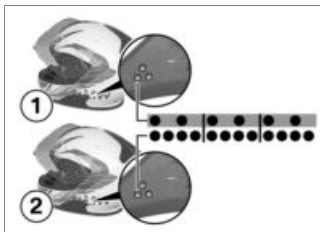
NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



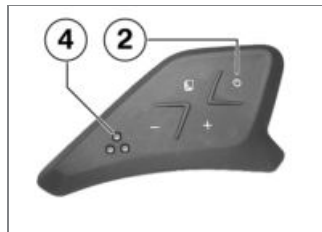
- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** doubles the rate at which it flashes (i.e. starts flashing at 4 Hz).
- » The communication system of helmet 1 now searches for another visible helmet for a maximum of 15 seconds; green LED **6** flashes at a rate of four flashes per second.



The green LED of the searching helmet **2** flashes twice as fast as the green LED of the visible helmet **1**.

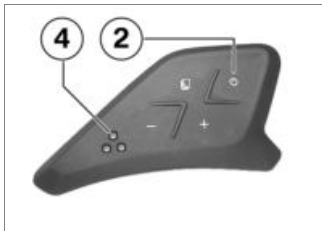
- » If pairing is successful the green LEDs of both helmets light up for one second and the voice connection is established. A high-pitched confirmation tone sounds in both helmets.

Switching off communication system in helmet 1



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching off communication system in helmet 2



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Pairing, navigation system with communication system in helmet 1

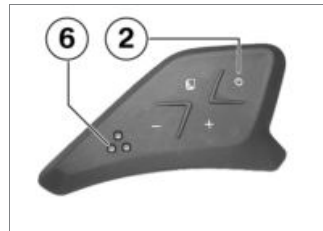


NOTICE

If a certain period of time passes without reception of a signal from the navigation system, the communication system shuts down the connection.◀

- Switching on communication system in helmet 1 (►► 104).
- Make the communication system of helmet 1 visible (►► 105).
- Search for the communication system of helmet 1 (►► 105).
- Switching off communication system in helmet 1 (►► 103).

Switching on communication system in helmet 1



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.
- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

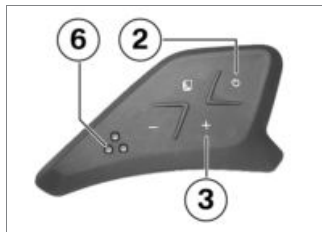
Make the communication system of helmet 1 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀



- Simultaneously press button **2** and button **3** of helmet 1 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 1

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system".

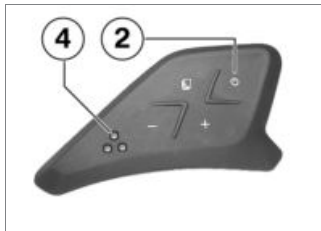
Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure. ◀

- Switch on the navigation system.
- Open "Tools" - "Settings" - "Bluetooth" and select the "Enabled" option.
- In the "Audio" menu, select the "Add" option and touch "OK" to confirm.

- » For 60 seconds the navigation system searches for a visible communication system.
- » The navigation system displays a list of found (and if applicable saved) Bluetooth devices.
- » The communication system is listed as a headset identified by the designation `BMW_HELMET_II_XXXX`, the string `"XXXX"` stands for the ID number.
- Select the communication system and touch "OK" to confirm.
- » The navigation system confirms successful connection to the helmet.

Switching off communication system in helmet 1



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Pairing, navigation system with mobile phone 1

- Making mobile phone 1 visible (▶▶▶ 106).

- Searching for mobile phone 1 (▶▶▶ 106).
- Switching off navigation system (▶▶▶ 107).
- Making mobile phone 1 invisible (▶▶▶ 107).

Making mobile phone 1 visible

- Switch on mobile phone 1.
- Switch on the Bluetooth functions in mobile phone 1.
- Make mobile phone 1 visible to other Bluetooth devices.

Searching for mobile phone 1

- Open "Tools" - "Settings" - "Bluetooth" and select the "Enabled" option.
- In the "Phone" menu, select the "Add" option and touch "OK" to confirm.

- » For 60 seconds the navigation system searches for a visible mobile phone.
- » The navigation system displays the list of found Bluetooth devices.
- » The mobile phone's Bluetooth passkey is stored in the mobile phone.
- Select mobile phone 1 and touch "OK" to confirm.
- » "Attempting to connect to Bluetooth device. Bluetooth ID code: 1234" in the window of the Navigator.
- When the prompt appears on the display of the mobile phone, key in the ID "1234" for the navigation system.
- » Pairing is confirmed by the mobile phone.
- Depending on the mobile phone, it might be necessary to confirm automatic

connection setup or complete a final confirmation procedure.

Switching off navigation system

- Switch off the navigation system.

Making mobile phone 1 invisible

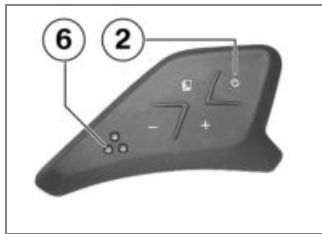
- Switch off the visibility of mobile phone 1 to other Bluetooth devices.

Pairing, communication system in helmet 2 with mobile phone 2

- Switching on communication system in helmet 2 (☛ 107).
- Switch on mobile phone 2 (☛ 108).
- Make the communication system of helmet 2 visible (☛ 108).

- Search for the communication system of helmet 2 (☛ 108).
- Switching off communication system in helmet 2 (☛ 109).
- Switching on systems (☛ 109).
- Re-establish the connection (☛ 109).

Switching on communication system in helmet 2



- Press button **2** and hold it down until a high-pitched confirmation tone sounds and green LED **6** starts flashing.

- » The communication system initialises itself; the green LED slow-flashes.
- » The communication system then goes to standby mode; the green LED flashes at the rate of one flash per second.

Switching on mobile phone 2

- Switch on mobile phone 2.
- Switch on the Bluetooth functions in mobile phone 2.

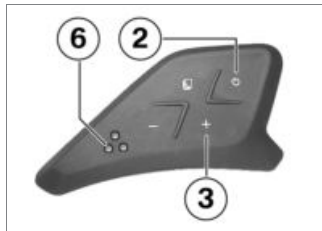
Make the communication system of helmet 2 visible

NOTICE

There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be

performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀



- Simultaneously press button **2** and button **3** of helmet 2 and hold them down until green LED **6** increases the rate at which it flashes one time (i.e. starts flashing at 2 Hz).
- » The communication system of the helmet is now visible to other Bluetooth devices for a maximum of 60 seconds; the

green LED flashes at a rate of two flashes per second.

Search for the communication system of helmet 2

NOTICE

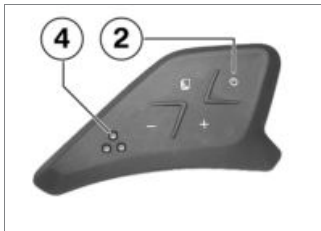
There is a time limit of 60 seconds for the two steps "Making communication system visible" and "searching for communication system". Consequently, they must be performed one directly after the other.

BMW Motorrad recommends reading through the instructions for both steps before moving on to that part of the procedure.◀

- Allow mobile phone 2 to search for other Bluetooth devices.

- » Mobile phone 2 displays a list of found (and if applicable saved) Bluetooth devices.
- » The communication system is listed as a headset identified by the designation BMW_HELMET_II_XXXX; the string "xxx" stands for the ID number.
- Select the communication system of helmet 2.
- When the prompt appears on the display of the mobile phone, key in the ID "0000" for the helmet.
- » Pairing is confirmed by the mobile phone.
- Depending on the mobile phone, it might be necessary to confirm automatic connection setup or complete a final confirmation procedure.

Switching off communication system in helmet 2



- Press button **2** and hold it down until a low-pitched confirmation tone sounds and red LED **4** starts flashing.
- » The communication system switches itself off, the red LED flashes three times.

Switching on systems

- Switch on all participating systems.

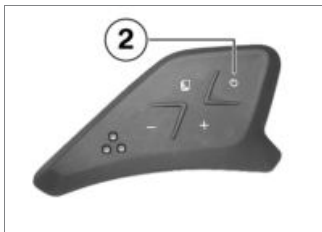
- » The systems recognise each other; no further steps are necessary.

Re-establish the connection Requirement

If pairing of the audio system with the communication system was successful, but the connection was not established:



- Press the **ON** button twice in not too rapid succession so that the systems reconnect.



- As an alternative to connection setup with the audio system, you can press button **2** on the communication system twice in rapid succession so that the systems reconnect.

Technical data

Radio	112
MP3	112
Bluetooth	113
External audio devices	113
Loudspeaker.....	113

Radio

Wavebands	FM, LW and MW, FM and AM in some countries
Wavebands	
FM	87.5...108.0 MHz
LW	153...279 MHz, not available in all countries
MW	531...1602 MHz
Station memory	Twelve system memory slots and twelve personal memory slots for each waveband

MP3

MP3 standard	MPEG1 Layer 3
Sampling rate	32 / 44.1 / 48 kHz
Bitrates	32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 kbit/s

Bluetooth

Frequency range	0.02...20 kHz
Supported standards	1.2 and 2.0
Profiles	A2DP, SPP

External audio devices

Plug	3.5 mm, Stereo jack plug
Input-signal range	0...1 V, Effective

Loudspeaker

Impedance	4 Ω
Output power	15 W, RMS, per speaker unit
Frequency range	0.02...20 kHz

Appendix

Certification 116

Certifications

Česky

Alpine Electronics Inc. tímto prohlašuje, že tento PF240009 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Dansk

Undertegnede Alpine Electronics Inc. erklærer herved, at følgende udstyr PF240009 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Deutsch

Hiermit erklärt Alpine Electronics Inc., dass sich das Gerät PF240009 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Eesti

Käesolevaga kinnitab Alpine Electronics Inc. seadme PF240009 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English

Hereby, Alpine Electronics Inc., declares that this PF240009 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Español

Por medio de la presente Alpine Electronics Inc. declara que el PF240009 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνική

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Alpine Electronics Inc. ΔΗΛΩΝΕΙ ΟΤΙ PF240009 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français

Par la présente Alpine Electronics Inc. déclare que l'appareil PF240009 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Certifications

Italiano

Con la presente Alpine Electronics Inc. dichiara che questo PF240009 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviski

Ar šo Alpine Electronics Inc. deklarē, ka PF240009 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių

Šiuo Alpine Electronics Inc. deklaruoja, kad šis PF240009 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands

Hierbij verklaart Alpine Electronics Inc. dat het toestel PF240009 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti

Hawnhekk, Alpine Electronics Inc., jiddikjara li dan PF240009 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC.

Magyar

Alulírott, Alpine Electronics Inc. nyilatkozom, hogy a PF240009 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

Polski

Niniejszym Alpine Electronics Inc. oświadcza, że PF240009 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

Português

Alpine Electronics Inc. declara que este PF240009 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko

Alpine Electronics Inc. izjavlja, da je ta PF240009 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Slovensky

Alpine Electronics Inc. týmto vyhlasuje, že PF240009 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Certifications

Suomi

Alpine Electronics Inc. vakuuttaa täten että PF240009 tyypinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska

Härmed intygar Alpine Electronics Inc. att denna PF240009 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Íslenska

Hér með lýsir Alpine Electronics Inc. yfir því að PF240009 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.

Norsk

Alpine Electronics Inc. erklærer herved at utstyret PF240009 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

United Arab Emirates

Product name: MCR, Model name: K48/K52

USA, Canada

FCC WARNING

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

NOTICE

This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

TRA REGISTERED No: 0027793/10 DEALER No: 0014517/08
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Certifications

Brazil

Product name: MCR, Model name: K48/K52



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Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Mexico

COFETEL RCPALPF10-0522

Product name: MCR, Model name: K48/K52

Este equipo opera a título secundario, consecuentemente, debe aceptar interferencias perjudiciales incluyendo equipos de la misma clase y puede no causar interferencias a sistemas operando a título primario.

Argentina

CNC-ID 16-8765

Malaysia

Placeholder for certification label:



Certifications

South Korea



인증번호: **N25-MRBE002A**

Name of applicant: Alpine Eletrronics Inc. Japan

Code of applicant: N25

Model name: MCR K48/K52

Produced by: Alpine Electronics Manufacturing Of Europe, Ltd. Vendel Park, Budai utca 1, H-2051 Biatorbagy, Hungary

Thailand

This telecommunication equipment conforms to technical standard NTC technical.

Singapore

Complies with IDA Standard DB105286

Taiwan

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。

Certifications

Serbia



- 杂散发射(辐射)功率(对应载波 ± 2.5 倍信道带宽以外):
 - ≤ -36 dBm / 100 kHz (30 - 1000 MHz)
 - ≤ -33 dBm / 100 kHz (2.4 - 2.4835 GHz)
 - ≤ -40 dBm / 1 MHz (3.4 - 3.53 GHz)
 - ≤ -40 dBm / 1 MHz (5.725 - 5.85 GHz)
 - ≤ -30 dBm / 1 MHz (其它1 - 12.75 GHz)

China

第十三条

进口和生产厂商在其产品的说明书或使用手册中,应刊印下述有关内容:

1. 标明附件中所规定的技术指标和使用范围,说明所有控制、调整及开关等使用方法:

- 使用频率: 2.4 - 2.4835 GHz
- 等效全向辐射功率(EIRP): 天线增益 < 10 dB: ≤ 100 mW 或 ≤ 20 dBm
- 最大功率谱密度:
天线增益 < 10 dB: ≤ 20 dBm / MHz(EIRP)
- 载频容限: 20 ppm
- 带外发射功率(在2.4-2.4835GHz频段以外)
 ≤ -80 dBm / Hz (EIRP)

2. 不得擅自更改发射频率、加大发射功率(包括额外加装射频功率放大器),不得擅自外接天线或改用其它发射天线;
3. 使用时不得对各种合法的无线电通信业务产生有害干扰;一旦发现有害干扰现象时,应立即停止使用,并采取措施消除干扰后方可继续使用;
4. 使用微功率无线电设备,必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰;
5. 不得在飞机和机场附近使用。

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Depending on the scope of equipment or accessories of your product from BMW Motorrad but also in the case of country-specific versions, deviations from the details described or illustrated in this booklet may occur. No claims will be entertained as a result of such discrepancies.

Dimensions, weights, fuel consumption and performance data are quoted to the customary tolerances.

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