



Coach smartRadio Gen2

7620210052



BOSCH

en Operating instructions

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Important information

Before using the device, please read these instructions carefully and familiarise yourself with the device. Keep these instructions in your vehicle for later reference.

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

Precautions

The unit must be used only in a 24 V DC negative-ground electrical system.

Disconnect the vehicle's negative battery terminal while installing and connecting the unit.

When replacing the fuse, be sure to use one with an identical amperage rating.

Using a fuse with a higher amperage rating may cause serious damage to the unit.

Ensure that no small items drop inside the unit as this could lead to malfunctions or safety hazards, e.g. electric shocks.

If you have parked the vehicle for a long time in hot or cold weather, wait for the temperature inside the vehicle to normalise before operating the unit.

Before operation

Do not use an excessive volume level. You must always be able to hear outside sounds (horns, sirens, etc.).

Stop the vehicle before performing any complicated operations.

Do not open the cover and do not repair the unit by yourself. Ask your authorised dealer for help instead.

Note

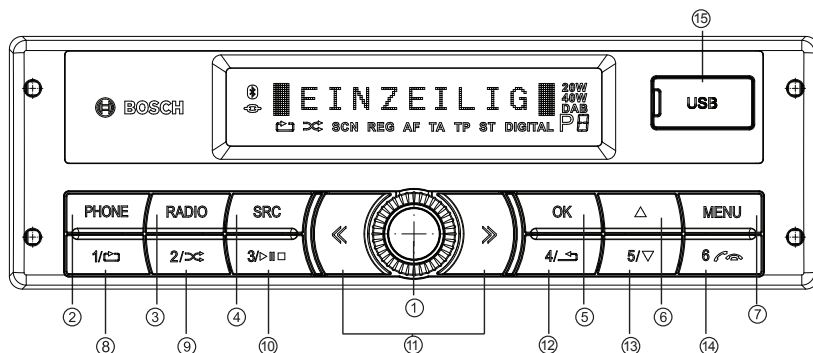
Different variants have different wiring harness connections, as indicated by the label on the unit.

The specifications and design are subject to change without notice due to technological advancements.

Technical data

Power supply	24 V DC (17-36 V)
Output power	4 x 20 W 4 x 40 W
Frequency range	
FM	
Europe (and others)	87.5 ~ 108 MHz
USA	87.7 ~ 107.9 MHz
MENA (Saudi Arabia)	87.5 ~ 108 MHz
MW	
Europe (and others)	522 ~ 1,629 kHz
USA (NAFTA)	530 ~ 1,710 kHz
MENA (Saudi Arabia)	531 ~ 1,602 kHz
SW	
Europe (and others)	3,900 ~ 9,950 kHz
USA	3,900 ~ 9,950 kHz
MENA (Saudi Arabia)	9,400 ~ 15,800 kHz
LW	
Europe (and others)	153 ~ 282 kHz
DAB	174.928 ~ 239.2 MHz
Bluetooth	2,402 ~ 2,480 MHz
Bluetooth transmit power	< 13 dBm
Fuse rating	10 A
Supported formats	
USB flash drive	FAT32, exFAT
Audio files	MP3, WMA 9, AAC, FLAC, HE-AAC, Vorbis, WAV, 3GP
Dimensions (WxHxD)	187.6 x 58.6 x 203.4 mm
Weight	approx. 1.05 kg
Operating temperature	-20°C to +70°C

Panel controls



1	ROTARY KNOB	Power on/off Adjust volume level (rotate) Mute (short press)
2	PHONE	Enter phone mode / transfer call (during call)
3	RADIO	Radio band (short press) / DAB source (long press)
4	SRC	Toggle the audio source
5	OK	Confirm
6	△	Display info / select up
7	MENU	RADIO/DAB/USB/SD/AUX – select the current function (short press) AUDIO and system setup (long press)
8	1/	Repeat / preset station 1
9	2/	Random preset station 2
10	3/	Play / pause / stop playback (long press) / preset station 3
11	◀/▶	Seek down (radio mode) / previous track (audio mode) seek up (radio mode) / next track (audio mode)
12	4/	Go back / preset station 4
13	5/	Display info / select down / preset station 5
14	6/	Answer call / reject call (long press) / preset station 6
15	USB	USB socket

Basic operation

Power on/off

Press the rotary knob to activate the unit when the vehicle ignition is on. Long press the rotary knob for more than 2 sec. to turn the unit off.

Adjusting the volume

Rotate the knob to adjust the volume level.
To mute the sound output, press the rotary knob. Press the knob again to unmute.

Selecting a source

Press the [SRC] button repeatedly to toggle the source:

BT AUDIO -> REAR AUX -> USB

Only available sources can be selected.

Reception area

This radio is designed to work in different regions with different frequency ranges.

The reception area can be adjusted via the configuration mode.

The following areas are available: EUR1/
EUR2(LW)/EUR3(SW)/EUR4(LW/SW)/NAFTA/
MENA

Adjusting the time

The time can be adjusted manually. Press and hold the [MENU] button to enter **AUDIO** setting mode. Press the [▼] button to select **SYSTEM** options, press the [OK] button to enter and press the [▲] or [▼] button to select **CLOCK**.

Rotate the knob and press the [OK] button to adjust the hours.

Rotate the knob and press the [OK] button to adjust the minutes.

For details, see "Setting item list – System settings" on page 8.

Sound settings

Press and hold the [MENU] button to enter **AUDIO** setting mode. Press the [OK] button to show the current EQ setting. Then press the [OK] button to enter and press the [▲] or [▼]

button to change the EQ setting in the following order:

FLAT <-> POP <-> ROCK <-> JAZZ <-> FLOK <-> DANCE <-> USER

Select **USER** and press the [OK] button to enter the **USER** option. Then press the [▲] or [▼] button to select a value.

50 HZ: (-12 dB) ~ (+12 dB)

200 HZ: (-12 dB) ~ (+12 dB)

800 HZ: (-12 dB) ~ (+12 dB)

3.2 kHz: (-12 dB) ~ (+12 dB)

10 kHz: (-12 dB) ~ (+12 dB)

Press and hold the [MENU] button to enter **AUDIO** setting mode. Press the [OK] button to show the current EQ setting. Then press the [▲] or [▼] button to select one of the following presets:

BASS <-> MIDDLE <-> TREBLE <-> LOUDNESS <-> BALANCE. Press the [OK] button to enter and press the [▲] or [▼] button to select a value.

BASS: (-12) ~ (+12)

MIDDLE: (-12) ~ (+12)

TREBLE: (-12) ~ (+12)

LOUDNESS: ON/OFF

BALANCE: (L12) ~ (R12)

System settings

hold the [MENU] button. Press the [▼] button and the [OK] button to enter **SYSTEM** settings mode.


Rotate the knob or press the [▲]/[▼] button to adjust and press the [OK] button to confirm.

Press the [4/→] button to go back to the previous menu.

For details, see "Setting item list – System settings" on page 8.

Other settings

Configuration mode

Long press the [OK] and [6 ] buttons to access configuration mode. Rotate the knob or press the [▲]/[▼] button to view the software version information and make any necessary configurations.

For details, see "Setting item list – Configuration" on page 8.

Radio operation

AM/FM radio selection

To access AM/FM radio, press the [RADIO] button and select TUNER.

Selecting a band

Press the [RADIO] button to select one of the available radio bands. The radio bands are changed in the following order:

FM1 -> FM2 -> FMAS -> MW -> MWAS -> SW -> DAB1 -> DAB2

Manual tuning

For manual station selection, press the [◀/▶] button.

Automatic tuning

For automatic tuning, press the [◀/▶] button for longer than 2 sec.

Manually storing a station

Select the relevant band and tune into the station to be stored. Push the preset button (1~6) for longer than 2 seconds to store the station.

Recalling a stored favourite

To recall a stored station, press the corresponding preset button.

Storing stations automatically

To search for the stations with the best reception and store them as favourites, short press the [MENU] button and select **AUTO STORE**. The radio automatically finds and stores the stations with the best reception.

USB/iPod/iPhone operation

Connect your iPod, iPhone or USB device to the USB socket of the Coach smartRadio.

Playback will start automatically.

MP3 playback/pause

To pause and resume playback, press the [⏮/⏭] button.

Next/previous MP3 track

To select the next/previous track, press the [◀/▶] button.

Fast forward/rewind

To fast forward/rewind the current track, press and hold the [◀/▶] button. When you release the button, normal playback resumes.

Random play

To activate random play, press the button [2/⏮] button.

Repeat

Press the [1/⏮] button to select between repeat all / repeat one / repeat off.

Displaying information



During playback, press the [5/▽] button repeatedly to cycle between the following ID3 information on the screen: title, artist, album and clock.

Bluetooth operation

Making a call

1. Press the **[PHONE]** button on the radio, select PAIR DEVICE and press the **[OK]** button to confirm. The LCD screen will display the Bluetooth name "smartRadio"
2. Activate Bluetooth on the mobile phone and select "smartRadio" from the connection list. The radio and mobile phone will then display a random 6-digit code. Press the **[OK]** button on the radio and tap the dialog box on the mobile phone to confirm.
3. After pairing the mobile phone successfully, press the **[PHONE]** button to access the Bluetooth menu.
4. Rotate the knob or press the **[▲]/[▼]** button to select a menu item and press the **[OK]** button to confirm. Press **[4/↵]** to go back.
5. Bluetooth menu items: REDIAL, CALL LIST, PHONE BOOK, PAIR DEVICE, SELECT DEVICE, DELETE DEVICE, DOWNLOAD PHK.

Answering a call

1. Once a mobile phone has been paired successfully, the unit will automatically switch to Bluetooth mode in the event of an incoming call.
2. Press the **[6 ** button to answer the call.
3. Long press the **[6 ** button to hang up.

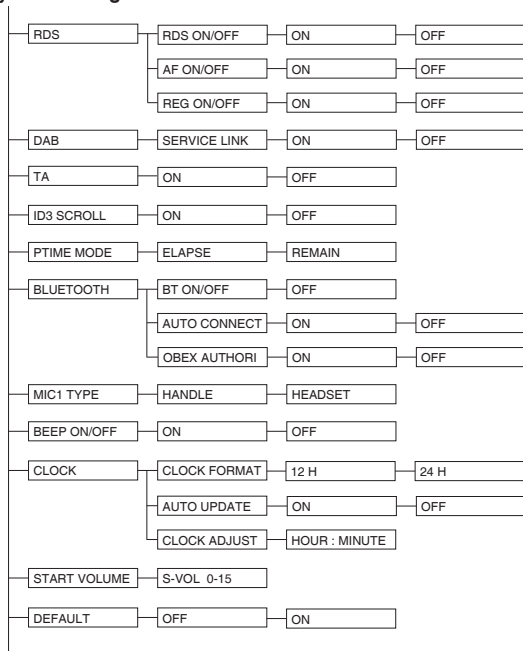
Transferring a call

You can transfer calls from hands-free mode to the mobile phone.

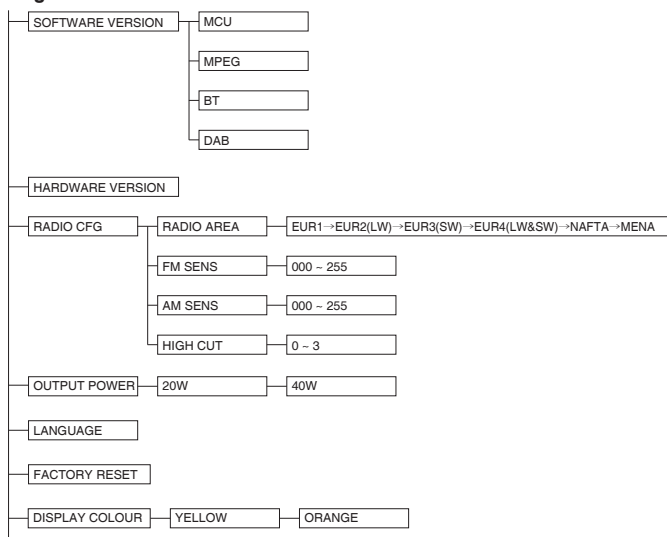
To do so, press the **[PHONE]** button during call.

Setting item list

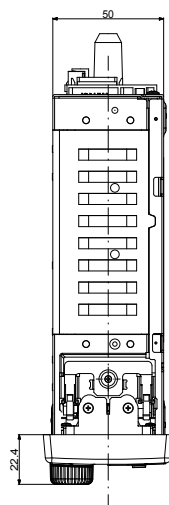
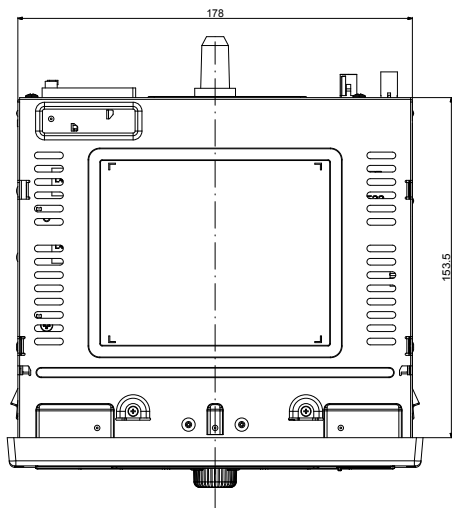
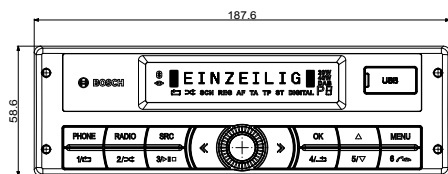
System settings



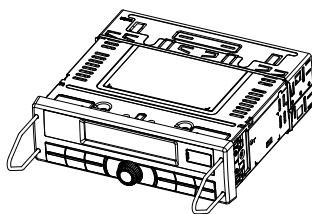
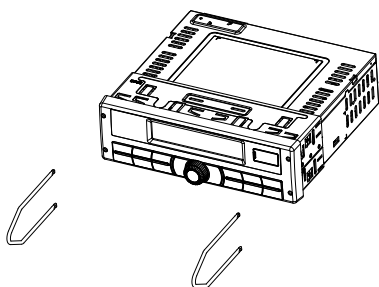
Configuration



Device drawings



Removing the device



1. Insert both radio removal tools into the holes on the front of the device with the correct orientation (refer to the figure above). Both tools should latch into place when fully inserted.

2. Pull out the radio using the tools.
Note: The radio must be powered off before removal.

This device complies with Part 15 of the FCC Rules [and contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s)]. Operation is subject to the following two conditions:

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

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

Robert Bosch GmbH

Business Unit CVO

Robert-Bosch-Platz 1

70839 GERLINGEN

GERMANY

www.bosch-professional-systems.com

1DIN ATEGO DAB+ RADIO 7620210052

P/N: 8649311013