



Mercedes-Benz

## Operation Guide



These instructions are intended to help you become acquainted with your Mercedes-Benz car radio. They contain useful tips and a detailed description of the user functions.



Danger! Risk of accident

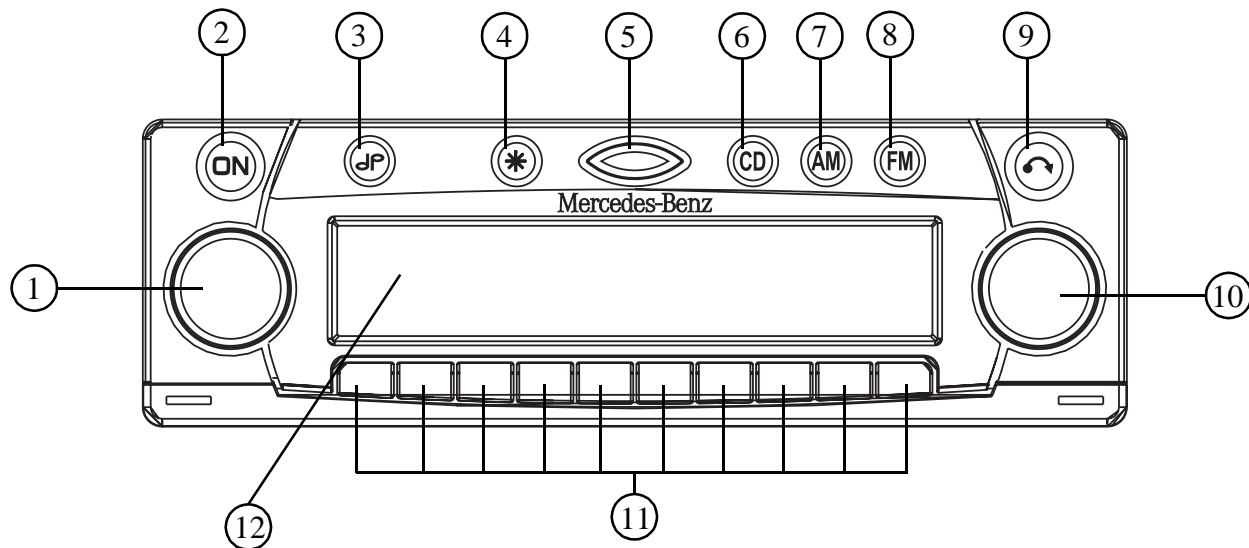
Always pay full attention to traffic conditions first before operating sound system controls while driving. Operate sound system controls only if you are safely stopped or if traffic conditions permit you to safely do so.

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## Radio Overview

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- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 1 Volume control knob                | 8 Mode button for FM operation (FM) |
| 2 On / Off button (ON)               | 9 Eject button for CD (↺)           |
| 3 Tone button (🔔)                    | 10 Right control knob               |
| 4 Mode menu button (radio, user) (*) | 11 Multi-function buttons           |
| 5 LED                                | 12 Radio display                    |
| 6 Mode button for CD operation (CD)  |                                     |
| 7 Mode button for AM operation (AM)  |                                     |

## Entering the code number

The radio is theft-protected. If it is disconnected from the vehicle power supply or the power supply to the radio has been otherwise interrupted, “CODE” will appear on the display the next time it is switched on. After pressing the  button, the prompt “CODE” is displayed, followed by 4 stars. The four-digit code must then be entered using the multi-function buttons “1-0”.

**Example :** Code number 1530 (the code number can be found on the enclosed CODE CARD).

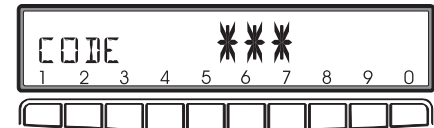
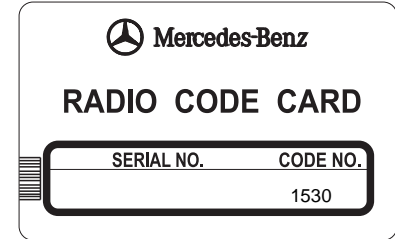
Enter the code number using the multi-function buttons.

The first star is erased after entering the first digit. The second star is erased after entering the second digit, and so on. The radio automatically switches itself on if the code is correct after entering the fourth digit.

**Note:** Never leave the CODE CARD in the vehicle. Keep it in a safe place outside of the vehicle. The accompanying anti-theft sticker should be attached to the inside of the side window.

If an incorrect code is entered, the prompt “CODE” and the four stars are displayed again. If an incorrect code is entered three times in succession, the prompt “WAIT” is displayed and the radio is locked out for approximately 60 minutes. After three more subsequent incorrect entries, the radio is again locked out for approximately 60 minutes.

The lock out time will only count down if the radio switched on.




## Anti-theft

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### Removing the face panel

As a theft deterrent, the face panel (A) can be removed from the radio.

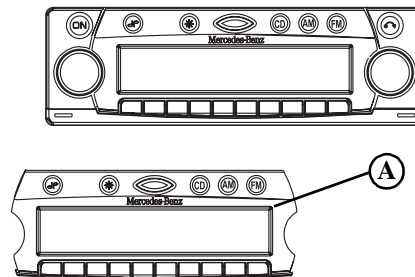
Press and briefly hold the  button. The face panel will tip forward.

The face panel can now be removed.

The volume is limited to a maximum set value after the face panel has tipped forward. After 20 seconds an audible tone is heard as a reminder that the face panel is tipped forward and the radio is muted. After an additional 10 seconds the radio switches itself off.

**Note :** It is recommended not to leave the face panel open while driving.

**Important :** Please insert the face panel into the protective cover after removal. Do not touch the metal contacts on the face panel or the radio.



### Installing the face panel

Insert the face panel so that it engages into the lower left latch first followed by the lower right. Next, tip the face panel upwards into the upper latches and press gently on the display frame to lock the panel in place.

**DO NOT PRESS DIRECTLY ON THE DISPLAY FACE.**

Alternatively, the face panel can be placed directly over all four latches and gently pressed into place.

To ensure proper radio operation, the face panel must be firmly seated in all four latches.

If a new face panel or one from a different unit is installed onto the radio, the code number must be entered as previously described in this section in order to activate the unit.

## Switching on and off

Press the **ON** button. The radio may also be switched on and off via the ignition switch. To use this feature, the radio must be switched off via the ignition (do not use the **ON** button). The radio will now switch on with the ignition. The unit can be prevented from switching off with the ignition if the **ON** button is pressed within 3 seconds after switching the ignition off.

**Note :** The unit can also be switched on with the ignition switched off by pressing the **ON** button, but it will switch itself off automatically after 1 hour.

## Adjusting the volume

Turn the volume control knob - Turning the knob clockwise will increase the volume, counterclockwise will decrease the volume. The current volume level is shown on the display.



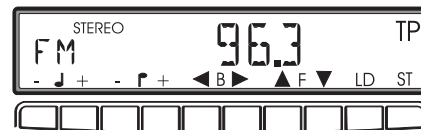
## Mute function

The unit can be muted in each operating mode by pressing the volume control knob. "MUTE" appears in the display. The mute function is cancelled by pressing either the volume control, changing the operating mode, changing the waveband or by inserting a CD.




## Activate tone menu

Press the **TP** button. The tone menu is activated. The following functions can be selected: **BASS** (bass), **TREB** (treble), **BAL** (balance), **FAD** (fader), **LOUD** (loudness) and **STEREO**. Bass and treble settings for AM, FM, and CD are stored separately (values from -7 to +7). The settings for fader, balance and loudness (AM has no loudness function) are stored together (values from -7 to +7).

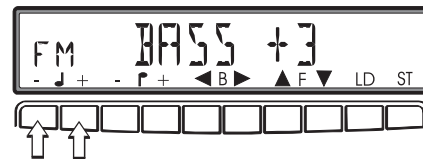


## General Operation


### Adjust Bass

Press the  button repeatedly until “**BASS**” and the set value appear in the display. Press either the “-” or “+” multi-function button (see figure right, arrows) to set the desired BASS level.

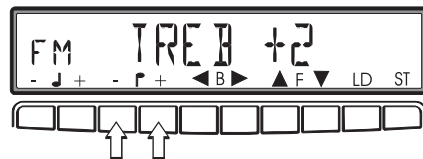
**Center position (0):** Press both buttons simultaneously.




### Adjust Treble

Press the  button repeatedly until “**TREB**” and the set value appear in the display. Press either the “-” or “+” multi-function button (see figure right, arrows) to set the desired TREBLE level.

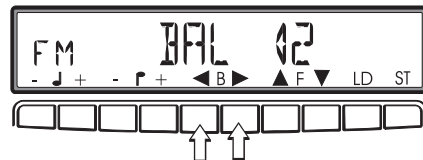
**Center position (0):** Press both buttons simultaneously.




### Adjust Balance

Press the  button repeatedly until “**BAL**” and the set value appear in the display. Press either the “◀” or “▶” multi-function button (see figure right, arrows) to set the desired BALANCE level.

**Center position (0):** Press both buttons simultaneously.



### Adjust Fader


Press the  button repeatedly until “**FAD**” and the set value appear in the display. Press either the “▲” or “▼” multi-function button (see figure right, arrows) to set the desired FADER level.

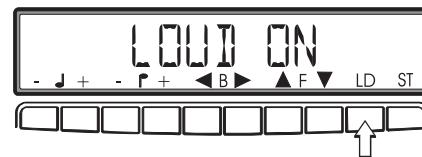
**Center position (0):** Press both buttons simultaneously.






## Loudness on /off


Press the  button and then the “LD” multi-function button (figure right, arrow), either “**LOUD ON**” or “**LOUD OFF**” appears in the display. The loudness function can be switched on or off alternatively by pressing the “LD” multi-function button.



## Tone reset

Press the  button longer than 2 seconds and the radio will emit a beep. The tone values for the selected signal source (e.g. AM/FM/CD) are set to an average value (**FM LINEAR**).



Press the  button longer than 4 seconds and the radio will emit a second beep. All tone values for the signal sources radio and CD are set to an average value (**ALL LINEAR**).



## Select Mono / Stereo

You can select from one of two settings to suppress reception interference and static for optimum radio performance.

In the tone menu press the multi-function button “ST” to select the desired reception mode (mono or stereo).



**STEREO:** Setting for normal FM operation, the radio switches from stereo to mono and back depending on reception quality (provides the optimum setting for most areas).

**MONO:** Setting for conditions where the reception quality is not optimal, (interference and static). The radio remains in mono and does not automatically switch back to stereo.



The selected setting is retained when the radio is switched off.

## Radio Operation

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### Selecting CD mode

Press the **CD** button. If no CD is loaded in the slot, “NO CD” appears on the display.

### Selecting the FM band

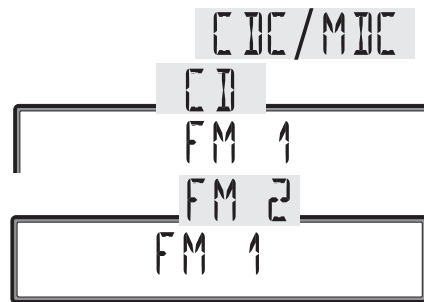
Press the **FM** button until the desired waveband **FM 1** or **FM 2** is selected.

### Selecting the AM band

Press the **AM** button. The last selected station is displayed.

### Selecting radio menu mode

Press the **\***  button. The radio menu mode is selected and displayed. If no buttons are pressed within 8 seconds the radio will switch back to the normal display.



## Setting procedures for station selection

The desired station can be selected via station search, scan search, manual tuning, autostore, direct frequency input and station preset buttons.

## Station search FM, AM

Turn the right control knob clockwise/counterclockwise in the desired waveband. The radio searches in descending/ascending order.


Tuning steps of 200 kHz (FM) or 10 kHz (AM) are performed.

## Scan search

In the desired waveband (FM or AM) press the right control knob and “SC” will be displayed and the scan function is started. The first scan will only tune the stations with a high signal strength, each successive scan will tune every receivable station. Each receivable station will be tuned for 8 seconds. Press the right control knob to stop the scan function.



## Direct frequency input

Press the menu mode  button. The radio menu mode is switched on and displayed. The unit switches back to the previous display if no buttons are pressed within the next 8 seconds.

## Radio Operation

### Station memory FM 1/FM 2

**Store:** Ten frequencies can be stored on each of the wavebands, FM 1 and FM 2. Hold the desired multi-function button down for approximately 2 - 4 seconds until a beep is heard. The desired frequency is stored on the selected station button.

**Retrieve:** Press the desired multi-function button “1 - 0” and the stored station is selected and displayed.




### Station memory AM

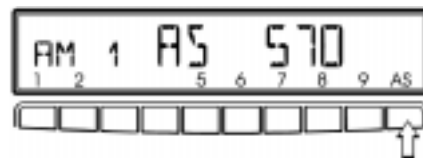
**Retrieve:** Press the desired multi-function button “1 - 0” and the stored station is selected and displayed.

**Store:** Ten frequencies can be stored. Press and hold the desired multi-function button, “1 - 0” down for approximately 2 - 4 seconds until a beep is heard. The desired frequency is stored on the selected station button.



### Autostore AM / FM

Select the desired waveband. Press the menu mode  button and then press and hold the multi-function button “AS” until “AS-SEEK” appears in the display. The 10 stations with the best reception are stored in order of quality. The autostore memory is identified on the display by “AS”. To exit the autostore memory, press the radio menu mode button and then press the multi-function button “AS”. The radio switches back to normal radio operation.



### Manual tuning

Select radio menu mode and then turn the right control knob.

The radio is tuned in steps of 200 kHz (FM) or 10 kHz (AM).

Pressing the right control knob switches to fine tuning (1 kHz steps) for AM.

If no buttons are pressed within 10 seconds, the radio switches out of manual tuning.

### Telephone mute function

The telephone preferences can be selected in the user menu if a cellular phone is installed in the vehicle and the phone mute switch lead is connected to the radio (see page 18).

Selecting the setting **MUTE**, the radio is muted if a call is received.

Selecting the setting **AUDIO**, the telephone audio is switched through the radio unit if a call is received. This is only possible however, if a hands-free cellular phone is installed and connected to the radio. In both cases **PHONE** is indicated in the display.

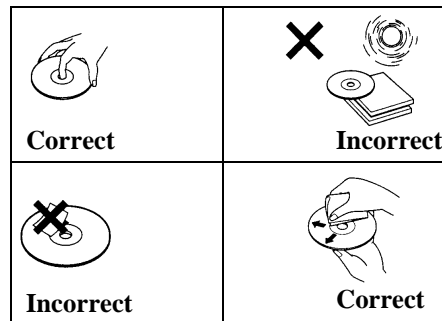


## CD Operation


### Compact Disc (CD) Instructions

Interruptions during playback may occur if the CD is dirty. To ensure optimum tone quality please observe the following:

- Always handle the CD at the edges only. Keep the CD clean and never touch the surface.
- Never place any labels on the CD.
- Protect the CD from heat sources and direct sunlight.
- Clean the CD from time to time with a commercially available cleaning cloth wiping from the center outwards. No solvents, anti-static sprays, etc. should be used to clean the CD.





### Inserting and ejecting CD's

Briefly press the  button, the display tips downwards and the CD slot becomes visible. Insert the CD with the printed side facing up. The CD is drawn automatically into the unit and begins play at the first track. Tip the display upwards back to its original position by gently pressing on the display frame.

**DO NOT PRESS DIRECTLY ON THE DISPLAY FACE.**

After playing the last track, the unit automatically begins playing at the first track of the CD.

To play a CD that is already in the CD slot, press the  button, "CD" appears in the display.

To eject the CD, briefly press the  button, the display tips downward and the CD is ejected. Remove the CD and tip the display upwards back into its original position by gently pressing on the display frame.



**Note :** The CD is not ejected when the unit is switched off or if switched back to radio operation. The CD remains in the CD slot.

### Skipping tracks forward and reverse

Turn the right control knob counterclockwise / clockwise.

If a given track has been playing longer than 10 seconds and reverse is selected, play resumes at the beginning of that track.

Several tracks can be skipped in either direction (forward or reverse) by rapidly turning and holding the right control knob. The skip function will jump to the first track (forward) after the last track is reached and conversely will jump to the last track (reverse) when the first track is reached.



### Scanning

Press the right control knob and "SC" appears in the display. Each successive track will be played for 8 seconds. To stop the scan function, press the right control knob again.



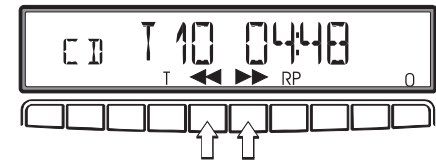
### Fast forward / reverse

Press the multi-function button "►►" for audible fast forward.

Press the multi-function button "◄◄" for audible reverse.

The relative time of the track is displayed during this function.

Fast forward / reverse is stopped by releasing the multi-function button. The relative time is indicated for another 8 seconds.

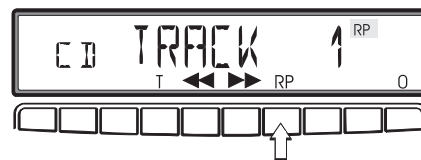
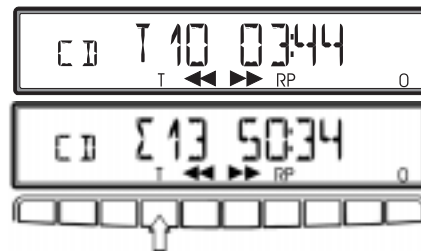


## CD Operation

### Relative time, number of tracks, total playing time

Pressing the multi-function button “**T**” displays for approximately 10 seconds the relative time for the track being played.

Pressing the multi-function button “**T**” again (within 10 seconds) displays for approximately 10 seconds the total number of tracks and the total playing time of the CD being played.



### Random play

Random play is selected by pressing the multi-function button “**RP**”. The tracks of the CD are then played in random order and “**RP**” appears in the display. Random play is stopped by pressing the multi-function button “**RP**” again.

### Direct track selection

Pressing the multi-function button “**0**” switches the unit into the track selection mode.

The selection digits **1 - 0** and **TRACK \_ \_** are displayed.

A track may be selected by pressing the track number combination on the multi-function buttons “**1-0**”. If no buttons are pressed within 8 seconds, the unit switches back to the CD Menu.



### Temperature protection

A temperature protection circuit is used to protect the laser diode from overheating. When the protection circuit is activated “**CD TEMP**” appears in the display for approximately 8 seconds and the unit is switched back to the last selected signal source (FM / AM or CD player).

After a cool down phase, single CD operation can be selected again. If the temperature is still too high, the unit will switch back to the previously selected signal source.




## User Menu

### User menu

Your personal preferences can be programmed into the radio by accessing the user menu.

- USER** - User selection
- PHONE** - Telephone preferences
- DRIVER** - Left hand drive/right hand drive selection
- LED** - LED setting on/off
- GAL** - Speed dependent volume control
- ANGLE** - Radio display viewing angle setting
- END** - Quit user menu

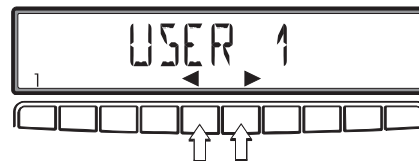


The user menu is accessed by pressing the menu mode  button longer than 8 seconds. “**SEL USER**” appears in the display. A selection must be entered within 4 seconds otherwise the radio will switch out of the user menu. To exit the user menu, turn the right control knob until “**END**” appears in the display. After 4 seconds the radio exits the user menu.

### User selection

Select the user menu, then turn the right control knob until “**USER 1**” appears in the display. Up to three different user settings can be stored using the multi-function buttons “◀” or “▶” (User 1, 2 or 3).

Tone settings and the last selected station are stored in user memory for each user setting when the unit is switched off.



## Telephone mute settings (PHONE)

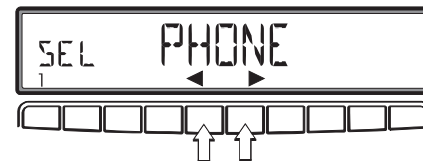
If a hands-free cellular telephone other than the optional Mercedes-Benz cellular telephone is installed in the vehicle, the telephone audio is routed through the radio speakers. In this instance, an additional speaker for the cellular phone is not required. For this functionality, optional signal input cables (NF - telephone input and ground - telephone input) must be connected to the radio. Contact your authorized Mercedes-Benz dealer for information on the purchase and installation of this cable.

To activate this function, select the user menu and then turn the right control knob until **"PHONE"** appears in the display. Pressing the multi-function buttons **"◀"** or **"▶"** select between **PH OFF** and **PH ON**.

**PH OFF** - Telephone function via radio off

**PH ON** - Telephone function via radio on

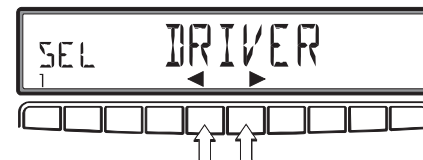
The setting takes effect immediately after actuation.



## DRIVER setting

If a hands-free cellular telephone other than the optional Mercedes-Benz cellular telephone is installed in the vehicle and the optional audio input circuit has been connected as described above, the telephone audio is routed via one speaker. The respective speaker (RHD/LHD) is selected using the DRIVER setting.

To set the driver: Select the user menu and then turn the right control knob until **"DRIVER"** appears in the display. Using the multi-function buttons **"◀"** or **"▶"** select either **"DRV L"** (Left hand drive) and **"DRV R"** (Right hand drive). The setting is automatically stored.

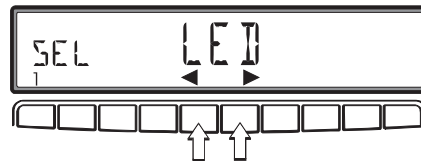


## User Menu

### LED setting

The blinking LED can be switched on or off using this function (the LED blinks when the radio is switched off as an additional theft deterrent).

Select the user menu and then turn the right control knob until “LED” appears in the display. Select LED ON or LED OFF using the multi-function buttons “◀” or “▶”.



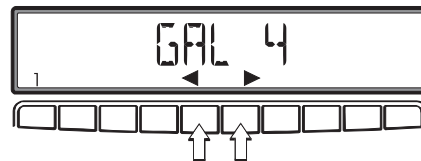
### GAL setting

GAL is a special circuit which automatically adjusts the radio volume according to vehicle speed. This compensates for higher noise levels at increased speeds. Select the user menu and then turn the right control knob until “GAL” appears in the display. Pressing the multi-function buttons “◀” or “▶” allows the user to select a setting between “GAL OFF” and “GAL 7”.

The setting is automatically stored.

Explanation of settings:

- GAL OFF** - No speed dependent volume adjustment
- GAL 1** - Volume adjustment set to activate at lower speeds (recommended setting)
- GAL 7** - Volume adjustment set to activate at higher speeds



### Display setting (ANGLE)

Select the user menu and then turn the right control knob until “ANGLE” appears in the display. By pressing the multi-function buttons “◀” or “▶” you can select between four different display variations (VIEW 1 - 4). Select the viewing angle which provides the best display contrast. This setting will depend upon the mounting position of the radio. The setting takes effect immediately after actuation.

