



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!

Always pay full attention to traffic conditions first before operating sound system controls while driving. Operate sound system controls only if traffic conditions permit.

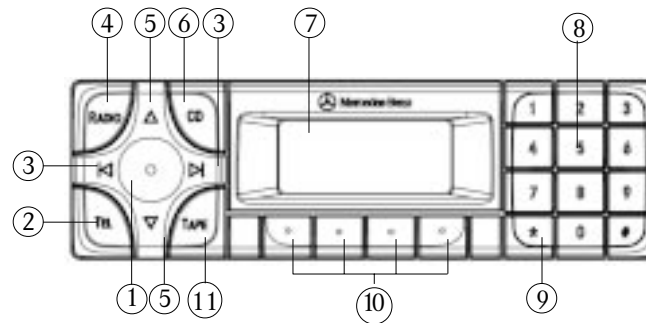
The right to correct errors and make technical amendments is reserved.

Dolby and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation. The Dolby noise reduction system is manufactured under licence from Dolby Laboratories Licensing Corporation.

Table of Contents for radio operation	2	Cassette eject	11
Quick guide for radio operation	4	Track selection	12
Anti-theft system	5	Track search forwards/backwards	12
Entering the code number	5	Fast forward/Rewind	12
Button and soft key operation	6	Scanning	13
		Dolby NR (noise reduction system)	13
Operation	7	CD mode	14
Switching on and off, adjusting the volume	7	General notes on CD mode	14
Audio functions	7	CD changer stand-by	15
Bass	7	Loading/emptying the CD magazine	15
Treble	8	Playing CDs	15
Balance	8	Skipping tracks forwards/backwards	16
Fader	8	Fast forward/reverse	16
Centering all audio functions	8	Scanning	16
Radiomode	8	Random play/repeat function	17
Selecting radio mode	8	Direct track selection	17
Selecting the band	9	Telephone operation	18
Manual tuning	9	Switching the telephone on and off	18
Seek tuning	9	Entering telephone number and starting dialing process	18
Scan tuning	10	Calling up phone book	18
Station memory	10	Switching between name search and number search	19
Storing stations	10	Searching and selecting phone book entries by name	19
Retrieving a station from memory	10	Searching and selecting phone book entries by number	19
Direct frequency input	10	Placing a call	19
Cassette mode	11	Manual repeat dialing	20
Playing cassettes	11		

Accepting incoming call in telephone mode	20
Accepting incoming call in tape, CD or radio mode	20
Terminating call	20
Component malfunctions	21

Quick guide for radio operation



- | | | | |
|----------------------------------|-------------|---|-------------|
| 1 On/off, volume | (Page 7) | 8 Alpha-numeric keypad for station storage, frequency entry and optional telephone | (Page 10) |
| 2 Telephone mode selector | (Page 18) | 9 Function button | (Page 8) |
| 3 Seek | (Page 9) | 10 Soft keys for radio band selection, tone controls and scan | (Page 9,10) |
| 4 Radio mode selector | (Page 8) | 11 Tape mode selector | (Page 11) |
| 5 Tune | (Page 9,10) | | |
| 6 CD mode selector | (Page 14) | | |
| 7 Display panel | (Page 11) | | |

Anti-theft system

If the power supply to the radio has been interrupted, "CODE" will appear on the display when it is next switched on. The radio will only work after the five-digit code has been entered using the buttons on the right-hand control panel.

The code number is shown on the Radio Code Card, supplied with the radio.

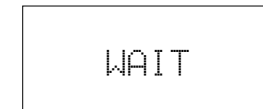
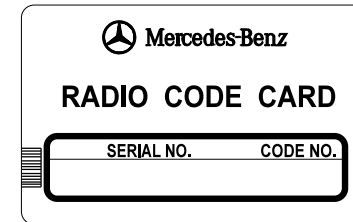
Important! Never leave the RADIO CODE CARD in the vehicle. Keep it in a safe place.

Entering the code number

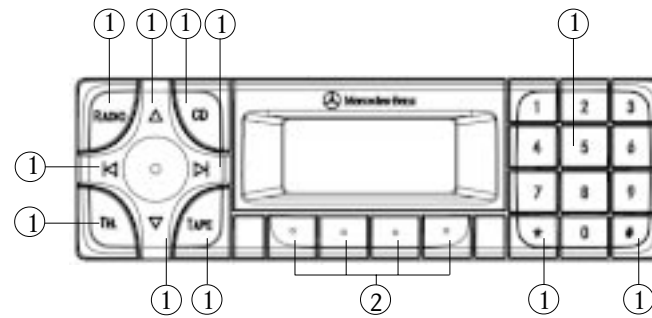
Switch on the radio. "CODE" will appear on the display. Using the buttons on the alpha-numeric keypad, enter the five digit code. Confirm by pressing the "OK" key.

If an incorrect code has been entered and confirmed, "CODE" will reappear on the display. The correct code must be entered once again. If an incorrect code is entered three times, "WAIT" will appear on the display and the radio will be locked out for about 10 minutes.

Note: The lock out time will only count down if the radio is left switched on.



Button and soft key operation



In these instructions, the alpha-numeric keypad (right side of radio face) and the function buttons (left side of the radio face) are referred to as "buttons" and the four keys under the display are referred to as "soft keys".

1 = Buttons
2 = Soft keys

NOTE: Do not press directly on the radio display face.

Operation

Switching on and off

Press the control knob .

The radio is switched off when the ignition key is turned to position 0 or removed from the ignition. The radio is switched on again when the ignition key is turned to position 1 or 2.

Note: The radio can also be switched on even if the ignition key is not inserted, but will switch itself off automatically after one hour to conserve vehicle battery power.

Adjusting the volume

Turn the control knob - Turning the knob clockwise will increase the volume, counterclockwise will decrease the volume.

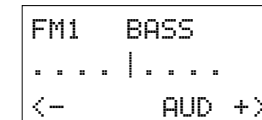
Audio functions

The AUD key is used to select the BASS, TREBLE, FADER* and BALANCE functions. Settings for bass and treble are stored separately for the AM, FM WB, cassette and CD modes. (*not on all models) Tone level settings are identified by the vertical bars. The center (flat) setting is shown by one longer bar in the center of the display.

Bass

Press the AUD key repeatedly until "BASS" appears in the display.

Press the "+" key to increase or the "-" key to decrease the level.



```
FM1  BASS
.....|.....
<-      AUD +>
```

Treble

Press the AUD key repeatedly until "TREBLE" appears in the display.
Press the "+" key to increase or the "-" key to decrease the level.

```
FM1 TREBLE
.....|.....
<-      AUD +>
```

Fader*

Press the AUD key repeatedly until "FADER" appears on the display. (*not available on all models)
Press the "R" key to move the sound to the rear speakers or the "F" key to move the sound to the front speakers.

```
FADER
.....|.....
<F      AUD R>
```

Balance

Press the AUD key repeatedly until "BALANCE" appears in the display.
Press the "L" key to move the sound to the left speaker or the "R" key to move the sound to the right speaker.

```
BALANCE
.....|.....
<L      AUD R>
```

Centering all audio functions

Push and hold down the "AUD" key. All audio functions (bass, treble, balance and fader) are set to center or flat positions, and the volume is adjusted to a pre-set level.

```
RESET
```

Radiomode

Selecting radio mode
Press **RADIO** button.



Selecting the band

Press the button located below the desired band. The band selected is shown in the top line of the display.

Frequency ranges:	FM	87.9-107.9 MHz
	A M	530-1710 kHz
	W B	approx. 162 MHz

```
FM5 ST
  95.5 MHz
AM WB AUD SC
```

Manual tuning

Press either the  or  button. Step-by-step tuning in ascending or descending order of frequency will take place.

The first three tuning steps will take place without muting. The radio will then be muted and high-speed tuning will take place until the button is released. The following tuning intervals will be shown on the display:

200	kHz	for FM
10	kHz	for AM
Channels 1-7		for WB



```
AM4
  880 kHz
FM WB AUD SC
```

```
WB1
CH 1
FM AM AUD SC
```

Seek tuning

Press either the  or  button. The radio will tune to the next receivable station.

Scan tuning

Press the SC key. Each strong receivable station on the band selected will be tuned in for 8 seconds. The first scan will tune only the stations with a high signal strength. The second scan will tune every receivable station. By pressing either the , ,  or  buttons, or the "SC" key the scan mode can be cancelled.

```
FM
 95.5 MHz
AM WB AUD SC
```

Station memory

Ten stations can be stored in the AM and FM bands via the alpha-numeric keypad. The "0" button corresponds to location 10. Weatherband (WB) channels 1 to 7 can be retrieved via the alpha-numeric keypad.

```
FM ST
 95.5 MHz
AM WB AUD
```


Storing stations

Hold the number button down for approximately 2 seconds. The currently displayed frequency is stored on the selected station button. The storage procedure is confirmed by a short signal tone.

Retrieving a station from memory

Press the desired station button.

Direct frequency input (AM and FM only)

Select the band. Press the  button and enter the desired frequency using the alpha-numeric keypad. Frequencies outside of the frequency ranges (frequencies specified on page 9) will not be accepted. The frequency input mode is cancelled if no button is pressed within 4 seconds.

```
FM ST
--.- MHz
AM WB AUD SC
```

Cassette mode

Playing cassettes

Press the "TAPE" button. When the eject (EJ) key is pressed, the display folds down and the cassette slot becomes visible. Push the cassette into the slot until it engages. The cassette will be pulled in automatically. Return the display panel to its normal position by folding it back up and pressing gently on the display frame to lock in place. DO NOT PRESS DIRECTLY ON THE DISPLAY FACE. Important: If the display is in the down position for more than 20 seconds, 2 successive beeps will be heard. This will continue at 5 second intervals until the display is returned to its normal position. The radio will switch to cassette mode. Track 1 will be played and "SIDE 1" displayed. Track 1 is the side of the cassette which is facing upwards. The cassette deck will automatically detect the type of tape and switch the equalization automatically. A cassette symbol in the display indicates that a tape is in the mechanism. This symbol appears in all modes but not in cassette mode. The cassette will not be ejected when the radio is switched off or another mode is selected. If a cassette is in the mechanism, cassette mode can be selected by using the "TAPE" button. If no cassette has been inserted, the display will show "NO TAPE".

```
TAPE NR  
SIDE 1  
TRK EJ AUD SC
```

```
NR  
NO TAPE  
EJ
```

Cassette eject

Press the eject (EJ) key. The display will fold down and the cassette will be ejected. Remove the cassette, then fold the display back up manually. The radio will switch back to radio mode automatically.


Note: The cassette will not be ejected when the radio is switched off. Important: If the display is in the down position for more than 20 seconds, 2 successive beeps will be heard. This will continue at 5 second intervals until the display is returned to its normal position.

Track selection


Press the track selection (TRK) key. The current track will be displayed as "SIDE 1" or "SIDE 2". The track will be changed automatically at the end of the tape.

```
TAPE NR  
SIDE 1  
TRK EJ AUD SC
```

Track search forwards/backwards

Press the  button. "SEEK FWD" will be shown on the display and the track search will run the tape forwards to the start of the next track

```
TAPE NR  
SEEK FWD  
TRK EJ AUD SC
```

Press the  button. "SEEK RWD" will be shown on the display and the track search will run the tape backwards to the start of the track currently playing. Track search can be interrupted by pressing the same button again.

```
TAPE NR  
SEEK RWD  
TRK EJ AUD SC
```

Note: The beginning of a track can only be located if there is a break of at least 4 seconds between tracks.

Fast forward/reverse

Press the  button. "FORWARD" will appear on the display and fast forward will start.





```
TAPE NR  
FORWARD  
TRK EJ AUD SC
```

Press the  button. "REWIND" will appear on the display and fast reverse will start.

Fast forward/reverse is stopped by pressing the same button again, or it will stop automatically at the beginning or the end of a tape. The track will automatically change at the end or beginning of the tape and play will begin.

```
TAPE NR  
REWIND  
TRK EJ AUD SC
```

Scanning

Press the "SC" key. Each track on the cassette will be played for 8 seconds in ascending order. Note: The beginning of a track can only be located if there is a break of at least 4 seconds between tracks. Scan will be interrupted if the , , ,  buttons or the "SC" key is pressed.

```
TAPE NR
SCAN FWD
TRK EJ AUD SC
```

Dolby NR (noise reduction system)

To enable optimum reproduction of cassettes recorded using the Dolby B system, press the "AUD" key followed by the NR key so the "NR" in the display is not highlighted. To turn off Dolby B noise reduction, press the NR key so the "NR" in the display is highlighted.

```
TAPE BASS
.....|.....
<- NR AUD +>
```

CD Mode

General notes on CD mode

Should excessive temperatures occur while in CD mode, “TEMP HIGH“ will appear in the display and muting will take place. The unit will then switch back to radio mode until the temperature has decreased to a safe operating level.

Should temperatures occur while in CD mode which are too low, “TEMP LOW“ will be displayed, but the CD will play. It will be sensitive to skipping if you are driving over rough roads.

Handle CDs carefully to prevent interference during playback. Avoid fingermarks and dust on CDs. Do not write on the CD's or apply any label to the CDs. Clean CDs from time to time with a commercially-available cleaning cloth. No solvents, anti-static sprays, etc. should be used. Replace the CD in its box after use. Protect CDs from heat and direct sunlight.



Danger of Injury!


The CD changer is a Class 1 laser product. There is a danger of invisible laser radiation if the cover is opened or damaged.

Do not remove the cover. The CD changer does not contain any parts which can be serviced by the user. For safety reasons, have any service work which may be necessary performed only by qualified personnel.

CD changer installed

If a CD changer is installed, it can be operated from the front control panel of the radio. A loaded magazine must be installed for CD playing.

Loading/emptying the CD magazine

Slide the changer door to the right and press the eject button . The magazine will be ejected. Remove the magazine. Pull out the CD tray until its stop is reached and place the CDs in the recess of the tray, label side up. Push the tray into the magazine in the direction shown by the arrow. Re-install the magazine into the CD changer in the direction shown by the arrow.

Important! Close the door after the magazine has been inserted.

Playing CDs


Press the CD button. The CD most recently played will start at the point where it was last switched off. CDs stored in the magazine can be selected by using the station preset buttons 1-6. The magazine slot number of the selected CD will then be displayed after "CD". The number of the track being played will be displayed after "TRACK".


If there is no CD in the selected magazine slot, "NO CD" and the corresponding slot number will be displayed (e.g. "NO CD5"). After the last track on a CD has been played, the next CD will automatically

CD1
TRACK 1
RDM RPT AUD SC

be selected and played.

Skipping tracks forwards/backwards

Press the  button. The next track on the CD will be played.


Press the  button. If the track has been playing for more than 10 seconds, it will revert to the start of that track. If it has been playing for less than ten seconds it will revert to the preceding track.

To skip several tracks, the respective button must be pressed until the desired track is reached. If the beginning or end of the CD is reached during the search, the first or last track will be played.

```
CD1
NO CD3
RDM RPT AUD SC
```

Fastforward/reverse

Press the  button and hold it down for audible fast forward.





Press the  button and hold it down for audible reverse.

The search will stop when the button is released. The relative time of the track will be displayed during the search.

The search mode will cancel if the beginning or end of the CD is reached.

```
CD1
02:46
RDM RPT AUD SC
```

Scanning

Press the SC key. Each track will be played for 8 seconds in ascending order. The search will stop at the track in question if the , , ,  buttons or the "SC" key is pressed.

```
CD1
TRACK 10
RDM RPT AUD SC
```

Randomplay/repeatfunction

The tracks of the current CD are played in random order when the random feature (RDM) is selected. Press the RDM key to switch on, and press RDM again to switch off.

When the repeat function (RPT) has been selected, a particular track can be played for as many times as desired. Press the RPT key to switch on, and press RPT again to switch off.

Note: Both functions cannot be used simultaneously.

CD1
TRACK 10
RDM RPT AUD SC

Direct track selection

Tracks can be selected directly using the buttons on the alpha-numeric keypad. Press the  function button, followed by the track number.

Telephone operation

Various functions of the Mercedes-Benz integrated cellular telephone can be performed and displayed via the car radio. Further instructions for operating the car telephone can be found in the Operation Guide for the cellular telephone.

Switching the telephone on and off

Switching on: Press the **TEL** button, "TEL" appears in the corner of the display.

Switching off: Press and hold the **TEL** button until the telephone symbol "TEL" no longer appears in the display, or press the "PWR" button on the phone's keypad.

Entering telephone number and starting dialing process

Enter the desired telephone number using the alpha-numeric keypad. The number can have up to 32 digits, but only 13 of these can be displayed. The dialing process is started by pressing the SND button. The entered number can be corrected using the "CLR" key.

Press the CLR button briefly - and the last digit will be deleted.

Press the CLR button longer - and the complete number will be deleted.

Calling up the phone book

The numbers stored in the telephone memory can be called up via either name or number entries. The memory contents from the portable phone must be downloaded and the telephone menu must be selected in order to call up the phone book. Refer to the "Memory download" section of the Cellular Telephone Operation Guide for more information.

```
FM5  ST  TEL
      95.5 MHz
FM  WB  AUD  SC
```

```
S..  ROAM
READY
SND          END
```





```
S..  ROAM
      5551212
SND   CLR  END
```

Switching between name search and number search





Press ABC button - Name search

Press NUM button - Number search

Searching and selecting phone book entries by name

Press the ABC button. The current name is shown on the display. The stored entries in alphabetical order can be selected using the  or  button. By pressing the  or  buttons, the stored entries can be selected according to alphabetical initial letters (e.g. A-Adam, B-Brown, M-Miller).

Searching and selecting phone book entries by number





Press the NUM button. The current number is shown on the display. The stored entries can be selected in numerical order using the  or  button. By pressing the  or  buttons, the stored entries can be selected in increments of 5 (e.g. Entry no. 2, Entry no. 7, etc.).

Placing a call

When a number or a name has been selected using the method described above, press the SND key.

S..	ROAM
	5551212
SND	CLR END

Manual repeat dialing (redial)

The last number entered can be re-selected by pressing the SND key once and the call can be placed by pressing the SND key a second time. The last dialed telephone number is shown on the display. Using the , ,  or  button, the numbers stored in the re-dial memory of the telephone can be selected. The abbreviation L and the number in the memory are shown in the top line of the display.

S..	ROAM	L2
		5551212
SND	CLR	END

Accepting incoming call in telephone mode

With an incoming call, the ringing tone will be heard and the message “CALL” appears in the display. Press the SND key to answer the call.

Accepting incoming call in tape, CD or radio mode

If the telephone is activated in the background (telephone symbol in the display), then a switch is made automatically to telephone when an incoming call is received. The audio source is muted, the ringing tone is heard and the message “CALL” appears. After the call has been terminated, the previously selected audio source is resumed.

Terminating call

A current call can be terminated by pressing the END button.

Component malfunctions

The radio, CD changer*, and Mercedes-Benz integrated cellular telephone* are part of a networked system. Failure of one of the components can lead to malfunctions of the other components. Please contact your authorized Mercedes-Benz dealer or call 1-800-FOR MERCEdes for more information in the event of a malfunction.

* Optional equipment