



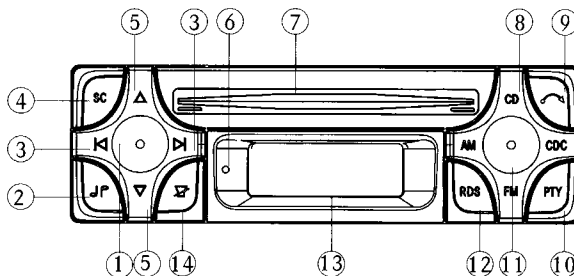
Mercedes-Benz



Radio

Betriebsanleitung/Owner's Manual

Quick Guide for Audio 10 CD



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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 right-hand control knob. 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.

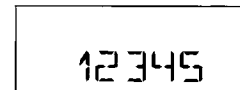
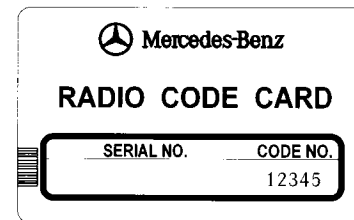
The stickers supplied should be stuck on the inside of the car windows in easily visible positions.

Entering the code number

Switch on the radio. "CODE" will appear on the display. Using the right-hand control knob enter each number of the digital code and confirm this by pressing the control knob. After entering the correct numerical code push the right control knob for about 3 seconds. The radio mode is starts.


If an incorrect numerical 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 isolated for about 10 minutes.

Note: The isolation time will only elapse if the radio is switched on.



Operation

Switching on and off

Press the left-hand control knob .

The radio will be switched off when the ignition key is turned to position 0 or withdrawn. 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.

Adjusting the volume


Turn the left-hand control knob - The volume will either increase or decrease.

Setting the tone functions

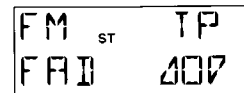
The tone button is used to retrieve the BASS, TREBLE, FADER and BALANCE functions. Settings for bass and treble are stored separately for the AM (MW, SW and LW) and FM (VHF) wavebands, traffic news and CD modes.

Tone level settings are identified by the numbers -10 to +10. The central setting is shown by the value 0.

Fader (Cross-fader)

Press the button  repeatedly until "FAD" appears on the display.

Turn the left-hand control knob - the sound is faded to the back or to the front.



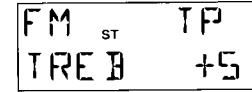
Bass

Press the button **JP** repeatedly until "BASS" appears on the display.
Turn the left-hand control knob - the bass level is increased or reduced.



Treble

Press the button **JP** repeatedly until "TREB" appears on the display.
Turn the left-hand control knob - the treble level is increased or reduced.



Balance

Press the button **JP** repeatedly until "BAL" appears on the display.
Turn the left-hand control knob - the sound balance is moved to the left or right.



Centring all the tone functions in every mode

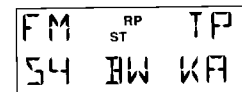
Hold down the button **JP** until "RESET" appears on the display. All tone functions (BASS-TREB-BAL-FAD) are reset to the centre value and the volume is adjusted to a pre-set level.



Radio mode

Selecting radio mode

Press one of the waveband selector buttons to select radio mode.



Selecting the FM waveband

Press **FM** button.

FM (VHF)

87.5 - 108.0 MHz

Selecting the AM waveband

Press **AM** button repeatedly until the desired waveband MW, LW or SW is displayed.

Medium wave

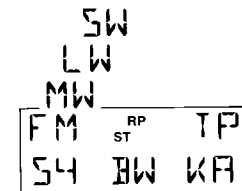
531 - 1602 KHz

Long wave

153 - 282 KHz

Short wave

5900 - 6250 KHz



RDS-system

RDS is a method of transmitting inaudible supplementary information in the VHF audio waveband. This enables a station to transmit information, e.g. its name or the alternative frequencies on which it can also be received.

RDS-AUTO-Best

The car radio uses an automatic analysis system (Auto-Best) to find the best frequency for the station currently tuned in from the available alternatives. When the signal strength from the station currently tuned begin to weaken, then analysis will take place immediately.

The radio may be muted for a short time during analysis. A BEST analysis is also carried out automatically when the radio is switched on, or when a station is selected from a station button, and also during the CD mode.

Switching RDS-AUTO-Best on and off

The AutoBest function is switched on and off by pressing the **RDS** button.


When switched on the station name, and if this could not be identified, the “RDS” abbreviation will be displayed followed by the set frequency.


When switched off the frequency is displayed and no BEST analysis is carried out. The radio is in fixed mode (FIX).

FM	RP	TP
54	BW	KA



FM	ST	TP
97.0		

Automatic station search

Press the  button. The next station will be sought in ascending order.

Press the  button. The next station will be sought in descending order.







Manual tuning

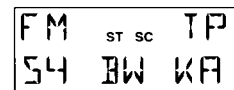
Press either the  or  button. Step-by-step tuning in ascending or descending order of frequency will take place.

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:


200kHz	for FM
10kHz	for AM
3kHz	for LW
5kHz	for SW

Scanning

Press the  button. Each receivable station on the waveband selected will be tuned briefly. The first scan will tune only the stations with a high signal strength. The second scan will tune every receivable station. By pressing the , , ,  or  buttons the scan can be stopped.



PTY function display

Press the  button in the FM waveband. The set station is displayed with its relevant programme type.

If the station is not transmitting any PTY information, then the display shows NO PTY.

PTY - Programme Type

The PTY code is transmitted by the RDS station on condition that this function is available to the station facility. This code enables the programme type of the selected station to be displayed. The following PTY displays are possible:

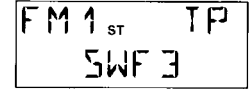
NEWS	News services	WEATHER	Weather reports
AFFAIRS	Politics and current affairs	FINANCE	Financial information
INFO	Special information	CHILDPRG	Children's programme
SPORT	Sports	SOCIAL	Social reports
EDUCATE	Learning and education	RELIGION	Religious and ethical reports
DRAMA	Drama and literature	PHONEIN	Interviews
CULTURE	Culture, church and society	TRAVEL	Travel reports
SCIENCE	Scientific reports	LEISURE	Leisure reports
VARIED	Spoken entertainment	JAZZ	Jazz music
POP M	Pop music	COUNTRY	Country music
ROCK M	Rock music	NATIONAL	National folk music
M.O.R. M	Middle-of-the road music	OLDIES	Oldies
LIGHT M	Light music	FOLK	Folk music
CLASSICS	Classical music	DOCUMENT	Documentaries
OTHER M	Other music programmes	NO PTY	No PTY

Station memory


10 stations can be stored for each of the wavebands FM, MW, SW, and LW.

Storing stations

Select the desired station. Hold down the right-hand control knob until the waveband abbreviation and the station number flashes. Select the station button by turning the right-hand control knob, and then press this to store this station at this number. The storage is confirmed by a short signal tone. The storage mode is left if no button is pressed within a period of 8 seconds.



Retrieving a station from memory

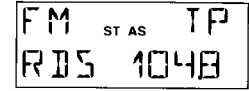
Select the desired station number using the right-hand control knob . The desired station is tuned approx. 1 second after the control knob is released.

If an identified station was stored in the station memory, then the stored station is retrieved on the currently best received frequency.

If the station can't be identified, then the "RDS" abbreviation will be displayed, followed by the set frequency.

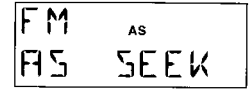
Automatic storage (Autostore)

Autostore makes an additional station button level available. When this function is activated, a search is started and the 10 strongest signals are stored in order of quality. Automatic storage will operate on the FM, MW, SW and LW wavebands.



Switching on Autostore

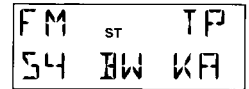
Hold down the **FM** or **AM** button (select MW or LW in advance) until "AS SEEK" is displayed. When the "AS SEEK" display disappears, the storage procedure has been completed and "AS" will be displayed.



Select the desired station by using the right-hand control knob.

Switching off Autostore

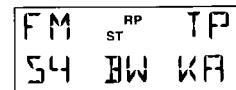
Autostore is switched off the AS abbreviation is deleted when one of the waveband buttons is pressed or if the mode is changed. The normal station button storage is then active again.



Regional mode

Certain RDS stations broadcast regional programmes. Such programmes are identified by the additional abbreviation “RP” on the display. If regional mode is switched on, the Autobest function is restricted to the broadcasting range of the regional station.

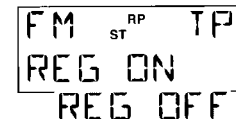
Note: The “RP” abbreviation does not indicate whether the selected regional setting is “REG ON or REG OFF:



Switching on regional mode

Hold down the **RDS** button until “REG ON” appears on the display. If “REG OFF” is displayed first, then the **RDS** button must be held down again until “REG ON” appears.

The frequency changeover is carried out within the regional area.

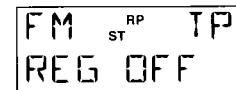


Switching off regional mode

Hold down the **RDS** button until “REG OFF” appears on the display.

The station code and the “RP” display will be retained.

The RDS feature is now inter-regional. It can therefore happen that a changeover is made between regional stations by this function.



TP - (Traffic Program)


If a station broadcasting traffic news is selected, "TP" (= traffic programme) will be displayed. The traffic news system is only active in the FM waveband.

The treble and bass values can be set to desired levels during traffic news and are automatically stored for the next traffic bulletins. The volume is raised automatically by a pre-defined volume level.

The activated traffic news function is shown by an negative "TP" in the display when in CD mode.


Switching traffic news relay on and off

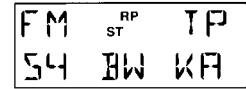
To switch on: Hold down the  button until TP is shown in negative form.

To switch off: Hold down the  button until TP switches from negative to positive display.


Note: The traffic news relay function can only be activated when a TP station has been tuned.

Interrupting traffic news bulletins


A traffic news bulletin can be interrupted by pressing the  muting button. The radio will revert to the mode previously selected or to the mute status. The next traffic bulletin will be relayed. If no bulletins are to be relayed during CD mode, then the mute button must be held down until the negative "TP" display disappears.



Switching muting on and off

To switch on: Press the  button. The LED will light up and the radio is switched to relay traffic news bulletins.

If the station's transmission area is left, a new traffic news station will be sought automatically. If no traffic news station is receivable, muting will be suspended within three minutes. The negative "TP" will disappear from the display.

To switch off: Press the  button again or when switching off the radio.

If the radio is switched off in muted mode, the selected traffic news station will be relayed for about 20 seconds after switching on. The radio will then switch back to mute.

Emergency alert

In an emergency alert, a station can transmit a warning signal using RDS. If traffic news is switched on, "ALARM" will appear on the display and all operating modes will be interrupted for the duration of the bulletin.



Telephone muting

If a car phone is installed and its muting switch is connected to the car radio, the radio will be muted when the telephone is used. The radio cannot be operated when mute.



CD Mode

General notes on CD mode

Should excessive temperatures occur in CD mode, "TEMP ▲" will appear on the display and muting will take place. The radio will then switch back into radio mode until the temperature has normalised.

Should temperatures occur in CD mode which are too low, "TEMP ▼" will be displayed, but reproduction will not be interrupted.

Handle CDs carefully to prevent interference during playback. Avoid fingermarks and dust on CDs. Do not write or stick anything on CDs. Clean CDs from time to time with a commercially-available cleaning cloth. No solvents, anti-static sprays, etc. may 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 servicing work which may be necessary carried out only by qualified after-sales service staff.

Loading the CD/Single CD slot

Insert the CD printed side up. The CD will be loaded automatically. The CD-tuner switches automatically to CD mode. The CD symbol is shown in the display if a CD has been loaded. This symbol is also visible in radio mode when a CD has been loaded.




Track 1 is played.

The loaded CD is not ejected when the radio is switched off. If a CD has been loaded then the CD mode can also be selected using the **CD** button. “NO CD” will be displayed if there is no CD loaded.

CDs which have been incorrectly inserted or have the wrong format will be ejected.

CD ejection/Single CD slot

Press the  eject button. The radio switches automatically to radio mode and ejects the CD. The CD can also be ejected even when the radio is switched off. If the CD is not withdrawn within approx. 14 seconds, then it will be reloaded to protect the disk.

Playing CDs/Single CD slot

Press the **CD** button briefly. The CD will start at the point it was at just before it was switched off. "NO CD" will be displayed if there is no CD loaded. The number following "TRACK" indicates the current track number.




After the last track on a CD has been played, the first track will automatically be selected and played.

CD changer

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

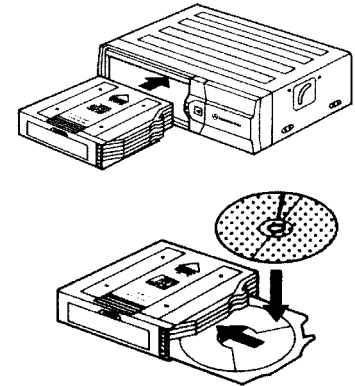
Loading/emptying the CD magazine/CD changer

Push the shutter of the changer to the right and press the ejection button . The magazine will be ejected.

Take the magazine out. Pull out the CD holder completely and place the CDs in the compartment in the holder, printed side up. Push the holder into the magazine in the direction shown by the arrow. Push the magazine into the CD changer in the direction shown by the arrow.

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

N.B. Wrongly-inserted CDs will not be played.



Playing CDs/CD changer

Press down the **CDC** button repeatedly until "CD X" is shown on the display. The CD most recently played will start at the point where it was switched off.

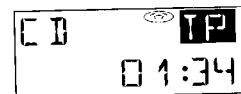
CDs stored in the magazine can be selected by using the right-hand control knob. The magazine compartment number of the selected CD will then be displayed after "CD". After "TRACK" the number of the track being played will be displayed. If there is no CD in the selected magazine compartment, "NO CD" and the corresponding compartment number will be displayed. After the last track on a CD has been played, the next CD will automatically be selected and played.

Note: The following instructions are for the CD-single- and the CD-changer-mode.


Skipping tracks forwards/backwards


Press the **▶** button and 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 this track. If it has been playing for less than ten seconds it will revert to the preceding track. To skip several tracks, the relative button must be kept pressed until the desired track is reached. If the beginning or end of the CD is reached during the search, then the search will be ended.



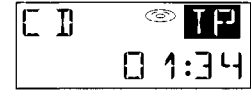
Fast forward/reverse

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 relative time can also be displayed for around 4 seconds during normal playback by pressing the  or  button.

If the beginning or end of the CD is reached during the search, the search will be ended.



Scanning

Press the  button. SC will be displayed. Each track of the currently loaded CD will be played for approx. 8 seconds. The search will stop at the track in question if the , , ,  or  button is pressed.



Random play/Repeat function

The tracks of the current CD are played in random order when the Random generator function (RDM) is switched on. When the Repeat function (RPT) has been switched on a particular track can be played for as many times as desired.

Note: Both functions cannot be used simultaneously.

Switching Random Play on and off

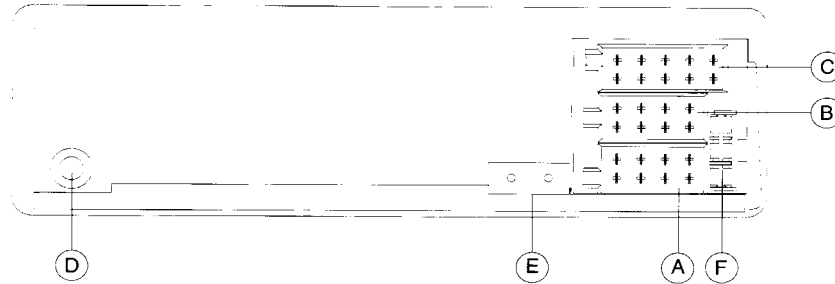
Press the right-hand control knob briefly and then select the menu item “RDM ON” or “OFF” by turning the knob. Press the control knob briefly once more to switch off the function after having selected “OFF”.

Switching Repeat Function on and off

Press the right-hand control knob briefly and then select the menu item “RPT ON” or “OFF” by turning the knob. Press the control knob briefly once more to switch off the function after having selected “OFF”.



Pin Connections



- (A) - 1 Speed-dependent volume control
- 2 Diagnostic and configuration
- 3 Telephone muting
- 4 Constant positive (terminal 30)
- 5 Control output for automatic antenna
- 6 Lighting (terminal 58)
- 7 Switched positive (terminal 15)
- 8 Earth (terminal 31)

- (B) - 1 Rear right-hand loudspeaker +
- 2 Rear right-hand loudspeaker -
- 3 Front right-hand loudspeaker +
- 4 Front right-hand loudspeaker -
- 5 Front left-hand loudspeaker +
- 6 Front left-hand loudspeaker -

- 7 Rear left-hand loudspeaker +
- 8 Rear left-hand loudspeaker -

- (C) - 1 CAN-bus high
- 2 CAN-bus low
- 4 Wake up additional equipment (D2B)
- 5 Constant positive CD changer
- 6 Earth (terminal 31) CD changer

- (D) - Antenna socket

- (E) - D2B connection (covered)

- (F) - Fuse

Dear Listener,

Under current EU directives this radio receiver can be operated by anyone.

This unit meets the requirements of current European or harmonised national standards. Its marking provides you with a guarantee that the specifications for electro-magnetic compatibility which apply to the unit have been observed. This means that your radio is unlikely to interfere with other electrical or electronic equipment, and vice versa.

The relevant mark is:

- The EC mark for marketing in accordance with European Directive 89/336/EEC.

