

Operating instructions > smart radio five



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General

Dear smart owner

Thank you for choosing smart radio five.

Carefully read these instruction and keep them in a safe place. Always follow all safety instructions. Happy travelling!



Safety instructions!

We want to protect you and your passengers. Carefully read and follow the instructions marked with this warning symbol.

*This asterisk indicates a special model. Models do not have the same factory-fitted equipment. It is possible that the equipment fitted to your vehicle differs slightly from that shown in the descriptions and illustrations in this manual.



Danger of accidents!

Only load a CD in the smart radio five when the vehicle is stopped. Loading a CD when the vehicle is moving will distract you from driving and could lead to an accident.

>Warning!

Given that the equipment matches the specifications ordered by the customer, your vehicle may differ slightly compared to some descriptions and diagrams. We reserve the right to modify the form, equipment and technical design of our cars to update vehicles to meet current technological standards.

You are not entitled to make any claims resulting from the information, figures and descriptions in this Owner's Manual.

Guarantee for accessories and spare parts

The smart¹⁾ sales organisation provides a 2-year guarantee for this accessory or spare part. The conditions of the guarantee are shown in the smart assistance booklet for the vehicle.

¹⁾ The guarantee is provided by the sales organisation operating in the country in which the accessory or spare part was purchased (see the table in the assistance booklet).



Danger of accidents!

Use the smart radio five in such a way that you have complete control over the vehicle under all traffic conditions. Remember that at a speed of 50 km/h your car is travelling at 14 metres per second.

1-2 Introduction

Operating safety

Dear radio listener,

This radio receiver may be operated by anyone in conformity with the current European Union directives.

This system corresponds to the currently valid or harmonized national standards.

This symbol guarantees compliance with the electromagnetic compatibility specifications applicable to the device.

This means that failures occurring on other electric/electronic devices, as well as the interfering factors of your unit due to other electric/electronic devices, is extensively prevented.

Valid symbols are:

CE mark authorising sale of this device within the European Union in accordance with EC directive 89/336/EEC and the following European standards:
EN 55013
EN 55020



The system is also approved in accordance with European passenger vehicle electromagnetic compatibility directive 95/54 /EC by the vehicle manufacturer.

The device is therefore approved for operation on your vehicle. There is no device certification.

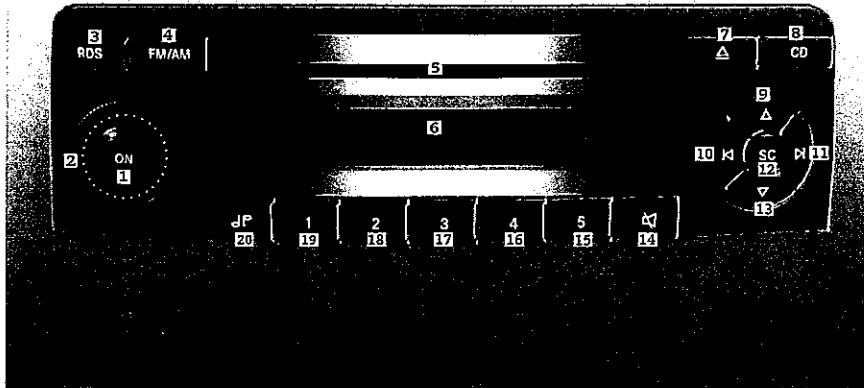


Danger of accidents!

Incorrect maintenance of electronic components and software may result in poor functioning. The electronic systems are connected to a network using special interfaces. Intervention on these electronic systems may also cause disturbances to other systems which have not been modified. These functioning faults can endanger the safety of your vehicle and its occupants.

Operation >>

Overview



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2-2 Mode

Basic functions

The car radio is fitted with an acoustic response signal. Action started by the user (for example storing radio stations) is concluded by an acoustic signal.

Switching ON/OFF

Switching ON

■ Turn the key in the steering column to position „Acc“ or „On“.

> The radio is switched ON if it was switched OFF the last time by removing the key.

or

■ Press the button on the **VOLUME** control.

> In both cases the car radio is switched ON in the mode enabled before it was switched OFF. The main operating menu is displayed.

If the key is not in position 1 or 2 in the steering column, the car radio is switched OFF automatically after approximately 1 hour.

Switching OFF

■ Turn the key in the column to the „Lock“ position.

or

■ Press the **VOLUME** button on the volume control.

If the **VOLUME** button on the volume control is pressed within 3 seconds of the key being removed then the smart radio five is not switched OFF.

Operating mode

■ Repeatedly press the **FM/AM** button to set the following operating modes:

- FM (radio)
- FM-RS (radio)
- MW (radio)
- LW (radio)


Press once to return to the previously selected operating mode.

Press twice quickly to return to the second to last operating mode.

Volume adjustments


The volume can also be adjusted using the controls on the multifunction steering wheel* (see the instructions for using the vehicle) where fitted to your car. The volume is adjusted simultaneously for radio and CD mode.

Adjusting the volume


- Rotate the  volume control
 - > Clockwise: increase volume
 - > Anti-clockwise: decrease volume

Setting the volume increase for traffic news

This setting cannot be made for MW and LW wave bands.


- Repeatedly press the  button until the following is displayed.

TP VOL


- Use the  volume control to set a value between "0" and "3".
 - > Setting of 0 = no increase
 - Setting of 3 = maximum increase

Automatic volume adjustment

This function automatically adjusts the volume on the basis of vehicle speed.

- Repeatedly press the  button until the following is displayed.

GAL

- Use the  volume control to set the value "0" or "1".
 - > Setting 0 = OFF
 - Setting 1 = ON

Muting

Selecting this function mutes all audio sources. Traffic news is also muted.

Instead of muting all audio sources it is possible to set the audio mute without muting the traffic news function (see page 3-9).

If this function is enabled then the audio is muted and only traffic news is transmitted.

Enabling audio mute

- Disabling traffic news (see page 3-8).
- Briefly press the  button.



MUTE

The radio audio is muted
In CD mode, CD playback is stopped.

2-4 Mode

Volume adjustments

Disabling audio mute

- Briefly press the  button.
- or
- Rotate the  volume control.
 - > The audio source which was enabled prior to mute mode can be heard again.

Telephone muting

The car radio is muted if a phone is installed in the vehicle and the phone audio mute line is connected to the car radio.

In this mode it is only possible to switch the car radio ON and OFF.


Radio display:

PHONE


Sound functions

Setting the balance

Use this function to set different volume levels for the left hand and right hand speakers.


- Repeatedly press the  button until BALANCE is shown on the display.




- Use the  volume control to set a value between "-10" and "+10".

Setting the fader

Use this function to set different volume levels for the front and rear speakers.


- Repeatedly press the  button until FADER is shown on the display.




- Use the  volume control to set the value between "-10" and "+10".

Setting the bass

The bass levels can be set separately for FM, AM and CD mode.


- Repeatedly press the  button until BASS is shown on the display.

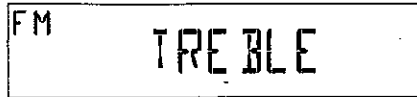



- Use the  button to set the value between "-10" and "+10".

Setting the treble

The treble levels can be set separately for the FM, AM and CD modes.


- Repeatedly press the  button until TREBLE is shown on the display.



- Use the  volume control to set the value between "-10" and "+10".

Mid-range setting

Use this function to set the volume, fader, balance, bass and treble in the mid-range.

- Press and hold the  button until you hear the acoustic signal.

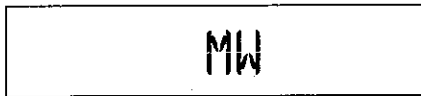


Radio mode >>

Wave band selection

AM wave band

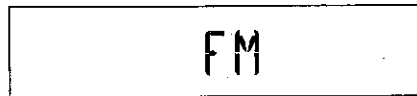
- MW (medium wave) 531 - 1620 kHz
- LW (long wave) 153 - 282 kHz
- Press the **FM/AM** button until the required wave band is selected.



- > The radio switches to the most recently listened to station.

FM wave band

- VHF 87.5 - 108.0 MHz
- Press the **FM/AM** button until the FM wave band is selected.



- > The radio switches to the most recently listened to station.

3-2 Radio mode

Station selection

The following methods can be used to select a radio station:

- Radio station search
- Scan search
- Manual tuning
- Radio station memory search
- Autostore memory search

Radio station search

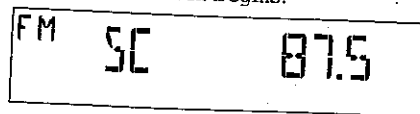
The radio station search function can also be enabled using the controls on the multifunction steering wheel* (see the vehicle user instructions) where fitted on the vehicle.

- Select the desired wavelength (see page 3-2).
- Press the **◀** or **▶** button.
 - > The search proceeds forwards or backwards and stops when the first receivable station is identified.

Scan search

The scan search transmits each station which can be received for approximately 8 seconds.

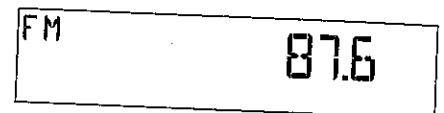
- Select the desired wavelength (see page 3-2).
- Press the **SC** button.
 - > The word **SC** is shown on the display and the search begins.



- Press the **◀** or **▶** button.
 - > The search stops.

Manual tuning

- Select the desired wavelength (see page 3-2).
- Press the **▲** or **▼** button repeatedly or hold one of the buttons down.



- > The frequency is altered each time the button is pressed.

Manual tuning frequency steps:

- FM, VHF: 100 kHz
- AM, MW (medium wave): 9 kHz
- AM, LW (long wave): 3 kHz

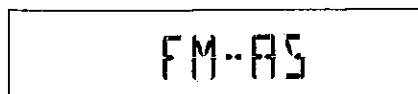
Station selection

Radio station memory search

- Press the **FM/AM** button until the required wavelength is selected.
- Press one of the buttons from **1** to **5**.
- > The stored station is set.

Autostore memory search

- Press the **FM/AM** button until the FM-AS wave band is displayed.



- Press one of the buttons from **1** to **5**.
- > The stored station is set.

3-4 Radio mode

Storing a station

Up to 5 stations can be stored for each wave band.

The following options are available:

- Manual storing
- Storing with Autostore

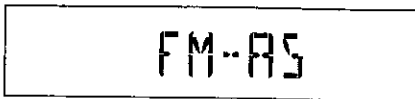
Manual storing

- Select the station you wish to store.
- Press one of the buttons from **1** to **5** until you hear the acoustic signal.
- > The station has been stored in the corresponding memory area.

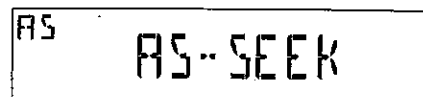
Storing with Autostore

Storing using the Autostore function is only possible with the FM-AS wave band. This function enables the 5 memory spaces to be occupied by stations in accordance with reception quality.

- Press the **FM/AM** button until the FM-AS wave band is displayed.

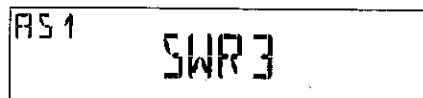


- Press and hold the **SC** button until you hear the acoustic signal.
- > The Autostore search has begun.



When the AS-SEEK message disappears from the display then the storing process is complete.

- > The station stored on button **1** is set.



Radio Data System (RDS)

The Radio Data System (RDS) transmits inaudible additional information on the FM wavelength. Most radio stations transmit this type of information.

Examples of this type of information:

- name of the station
- alternative frequencies for receiving the same station.

Enabling/disabling RDS

- Press the **RDS** button.
 - > RDS is enabled or disabled.
The display changes.

RDS enabled:

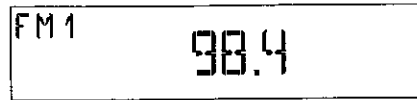
The radio station name is displayed.



If the radio station cannot be identified, then **RDS** and the radio station frequency are displayed.

RDS disabled:

The radio station frequency is displayed.



RDS Autobest

The radio uses this function to search for alternative frequencies for the current station to find the best possible reception. If the reception signal worsens, the radio automatically switches to the best alternative frequency. The radio may be temporarily muted during the switch.

The Autobest procedure is also enabled:

- when the radio is switched ON
- when a station is selected using the corresponding button
- in CD mode

3-6 Radio mode

Radio Data System (RDS)

Enabling/disabling RDS Autobest

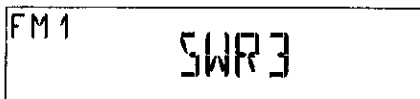
- Press and hold the **RDS** button until you hear the acoustic signal.
 - > RDS Autobest is enabled or disabled.
Display change. The text **AF** is shown on the display when RDS Autobest is enabled.

RDS Autobest enabled:



If the radio station cannot be identified, then **RDS** and the radio station frequency are displayed.

RDS-Autobest disabled:



If RDS Autobest has already been enabled once before, it will be enabled automatically when:

- a radio station is selected from the memory
- the scan search function is enabled
- a radio station is stored
- the wave band is changed
- CD mode is selected
- the car radio is switched OFF and ON again

Regional mode

Some RDS stations transmit different programme content according to region. When regional mode is enabled and a regional programme is transmitted, the RDS function is prevented from accidentally changing the radio station.

Enabling and disabling regional mode

- Select the FM wave band (see page 3-2).
- Press the **RF** button.
- Press and hold the **▲** or **▼** button until the regional mode menu is displayed.



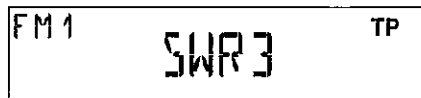
- Rotate the **⊙** volume control to the right or left.
 - > This enables and disables regional mode. The display changes after approximately 2 seconds.
When regional mode is enabled, **REG** is shown on the display.



Traffic news (TP)

Radio stations with traffic news

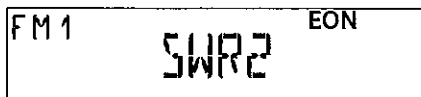
The text **TP** (Traffic Program) is shown on the display when you are listening to a radio station that transmits traffic news.



Enhanced Other Network stations (EON)

EON stations do not transmit their own traffic news. When the traffic news function is enabled, the traffic news transmitted by other radio stations interrupts the transmission of EON stations.

The text **EON** is shown on the display when you are listening to an EON station.



Traffic news

When this function is enabled, traffic news interrupts the currently selected audio source. If the function is disabled, there are no interruptions.

The symbols shown in the top right corner of the display have the following meanings:

TP :

Traffic news enabled. You are listening to a radio station that transmits traffic news.

TP :

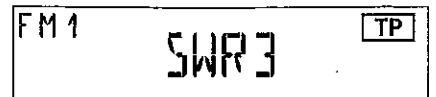
Traffic news disabled. You are listening to a radio station that transmits traffic news.

TP :

Traffic news enabled. However, this radio station does not transmit traffic news.

If the traffic news function is enabled and a station is selected which does not transmit traffic news, the function will remain ON. In this case, only the rectangular frame is displayed.

In CD mode the system automatically searches for a station which transmits traffic news. If the traffic news function is enabled in CD mode, the system is tuned automatically to a station which transmits traffic news.



Enabling/disabling the traffic news function:

- Press and hold the **TP** button until you hear the acoustic signal.
 - > The traffic news function is enabled or disabled.

3-8 Radio mode

Radio signal (TP)

Audio and volume adjustments for traffic news

A volume increase can be set for traffic news (see page 2-4). The volume can also be increased manually.

Increasing the volume manually:

- During the transmission of traffic news, turn the **+** volume control to the right.

The volume during the traffic news is increased to a minimum value, if:

- a volume increase has been set for traffic news (see page 2-4)

- and a reduced volume has been set.

Audio adjustment:

- Adjust the treble and bass settings during traffic news (see page 2-6).
 - > The car radio stores these settings for future traffic news.

Interrupting traffic news

- Briefly press the **TP** button.

- > The radio switches to the source enabled prior to the traffic news.

Future traffic news transmissions will interrupt the audio source again.

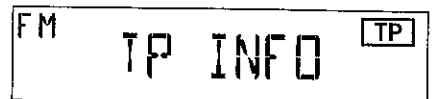
Audio mute except for traffic news

If audio mute except for traffic news is enabled then the audio is muted and only traffic news is transmitted.

It is also possible to fully mute the audio (see page 2-4). In this case, traffic news is also muted.

Switching ON

- Enable traffic news function (see page 3-8).
- Briefly press the **TP** button.



- > The radio audio is muted
In CD mode, CD playback is stopped.

Switching OFF

- Briefly press the **TP** button.
or
- Rotate the **+** volume control.
 - > The audio source which was enabled prior to mute mode can be heard again.

CD mode >>

CD mode



Danger of injury

The smart radio five is a class 1 laser product. Laser radiation invisible to the naked eye can be released if the housing is opened or damaged.

Do not open the housing. The smart radio five does not contain any user serviceable parts. For safety reasons all servicing should be performed exclusively by qualified customer service specialists.

General instructions

The smart radio five cannot play audio CDs with copy protection.

Handle CDs carefully in order to prevent faults during playback. Avoid getting scratches, finger prints and dust on the CD. You should not write on CDs or glue anything onto them.

Clean CDs regularly using a cloth.

Do not use solvents or anti-static sprays for cleaning. Put the CD back into the CD case after use. Protect the CD from heat and direct sunlight.

Using CDs

- Handle CDs carefully in order to avoid playback disturbances.
- Avoid getting scratches, finger prints and dust on the CD.
- Do not glue any labels or write on the CD.
- From time to time you should clean your CDs with a standard commercial cleaning cloth. Do not wipe the CD using circular movements, but rather in straight lines from the inside toward the outside. Do not use any solvents, antistatic sprays, etc.
- Put the CD back into the CD case after use.
- Protect the CD from heat and direct sunlight.

CD mode

Switching to CD mode

- Load a CD.
- or
- Recall CD mode.

Loading the CD



Danger of accidents!

Only load a CD in the radio when the vehicle is stopped. Loading a CD when the vehicle is moving will distract you from driving and could lead to an accident.

The radio cannot play audio CDs with copy protection.

- Insert the CD in the slot with the printed side facing upwards.

The radio is switched ON automatically if you load a CD when the radio is switched OFF.

- > The radio loads the CD and plays the first title. The display changes.

CD ejector

- Switch ON the radio and press the button.
 - > The radio ejects the CD.
- Take the CD out of the slot.
 - > If you do not remove the CD within 10 seconds it will automatically be loaded back in the player. This is for safety reasons.

Recalling CD mode

- Press the button.
 - > The CD is played from the point where it was interrupted.

- > The message is displayed for a short while if there is no CD inserted in the player.

- > The system switches to radio mode.

CD mode 4-3

CD mode

Title jump forward/backwards

The title jump function can also be operated using the controls on the multifunction steering wheel* (see the instructions for using the vehicle) where this is fitted to your car.

- Repeatedly press the or button until you reach the title required.

Forward/backwards

- Press the button.
 - > Title duration is displayed

- Press and hold the button to skip forward through the titles.
 - > Release the button to end the process. This function stops automatically at the start and end of the CD. After approximately 8 seconds the title information is shown again on the display.

or

- Press and hold the button to skip backwards through the titles.
 - > Release the button to end the process. This function stops automatically at the start and end of the CD. After approximately 8 seconds the title information is shown again on the display.

Scan search

The scan search function plays each CD title for approximately 10 seconds.

Starting scan search

- Press the button.
 - > The display changes.

Stopping scan search

- Press the or button.
 - > The current title at the moment the search was stopped is now set.
- or
- Press the button again.

CD mode

Random title play

This plays titles in a random sequence (e.g. 3, 8, 5, ...). Random play is stopped when the CD is changed.

Starting random play

- Press the **2** button.



Stopping random play

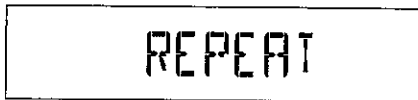
- Press **2**.

Repeating titles

The title is repeated until the function is disabled or the CD is changed.

Enabling the repeat function

- Press the **4** button.

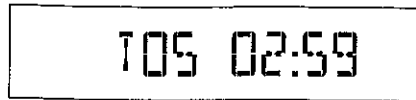


Disabling the repeat function

- Press the **4** button.

Title duration display

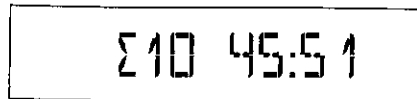
- Press the **3** button.



- > The duration of the current title is displayed for approximately 8 seconds.

Number of titles and total CD duration display

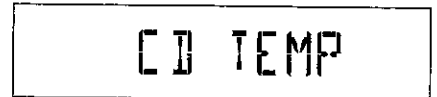
- Press the **3** button twice.



- > The number of titles and total CD duration is displayed for approximately 8 seconds.

Switch-off due to overheating

The CD is switched OFF automatically in the event of overheating. In the event of overheating, the CD is switched OFF and the last audio source set is switched ON.



- Use the **CD** button to return to CD mode. If the temperature is still too high the procedure described above is repeated.

Glossary >>

AM

- > (Amplitude Modulation)
Mode for medium wave, long wave and short wave radio transmission.

Autostore

- > Sets the radio stations with the best reception quality in the Autostore memory in order of reception quality.

Balance

- > Adjustment of volume distribution between the left and right speakers.

EON radio station

- > (Enhanced Other Network)
Radio stations which do not transmit their own traffic news.
When the traffic news function is enabled, the traffic news transmitted by other radio stations interrupts the transmission of EON stations.

Fader

- > Adjustment of volume distribution between the front and rear speakers.

FM

- > (Frequency Modulation)
Mode for VHF (Very High Frequency) radio transmission.

Random

- > Random playback of titles on a CD.

RDS

- > (Radio Data System)
Procedure used to transmit inaudible additional information on the FM wave band. A radio station can, for example transmit the station name or alternative reception frequencies.

RDS Autobest

- > Automatic selection of the best available frequency for the currently selected radio station.

Repeat

- > Repetition of a title on the CD.

Scan search

- > Briefly plays the available radio stations or CD/cassette titles in succession.

TP

- > (Traffic Program)
Identifies stations transmitting traffic news

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