

Owner's Manual
for Radio



The Ultimate
Driving Machine



Owner's Manual for Radio

This Owner's Manual is intended to familiarize you with details of your BMW car radio. The notes that it contains on correct radio operation will enable you to use all functions rapidly and effectively.

For supplementary information, please consult the Owner's Manual for Vehicle and the other items of onboard literature.

We wish you an enjoyable driving experience.

BMW AG

Notes

On this Owner's Manual

We have made every effort to ensure that you will be able to find what you need in this Owner's Manual as quickly as possible. The fastest way to find specific topics is by using the detailed index at the end.


Should you wish to sell your BMW at a later date, please remember to pass this Owner's Manual on to the next owner – it is an important part of your vehicle.


If you have additional questions, your BMW center will be glad to advise you.

Status at time of printing

To ensure that our accessories and in-car equipment continue to combine advanced technology with unexcelled levels of quality, we at BMW pursue a policy of continuous, ongoing development. In rare cases, your vehicle may therefore vary from the contents of this manual.

Symbols used

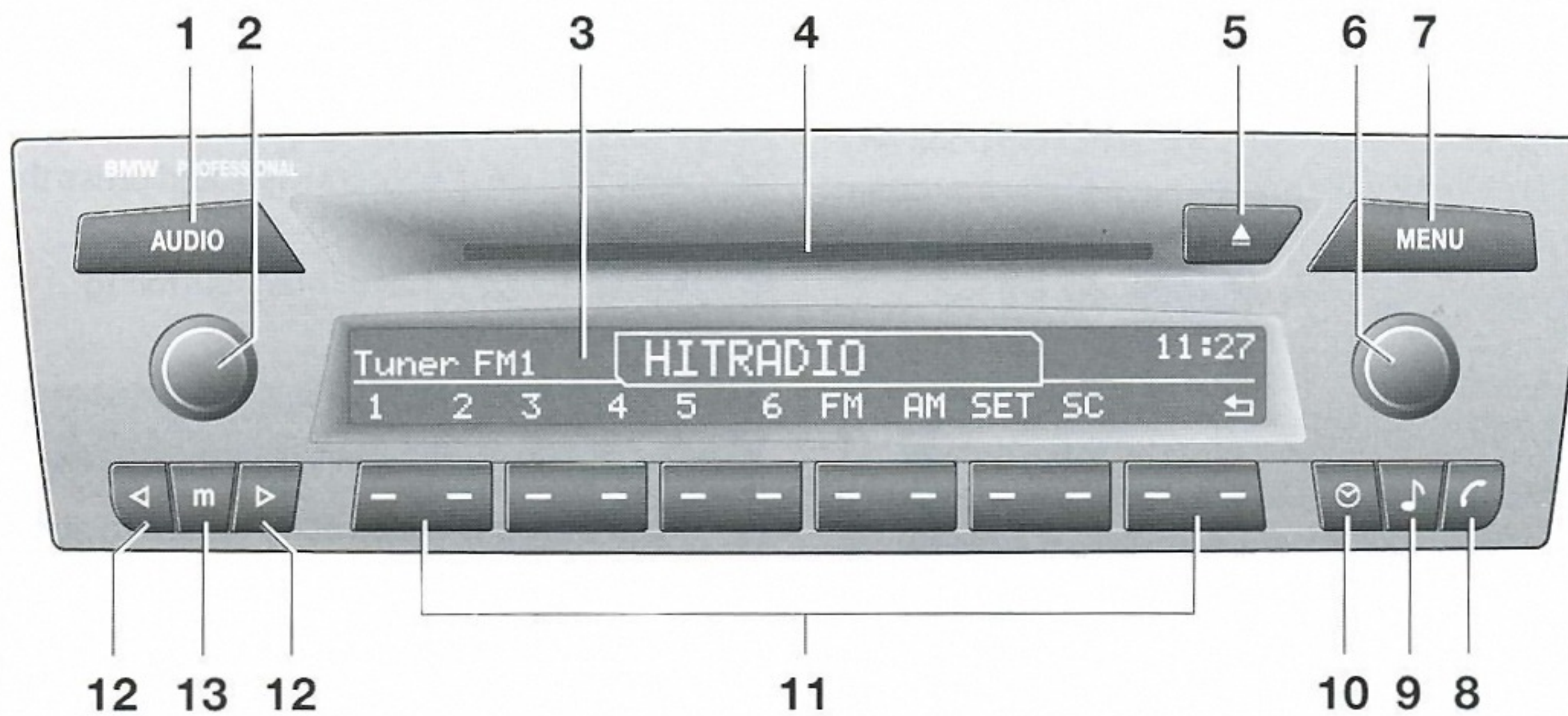
 Indicates precautions that must be followed precisely in order to avoid the possibility of personal injury and serious damage to the vehicle or the car radio. ◀

 Indicates information that will assist you in gaining the optimum benefit from your car radio and enable you to care more effectively for your car radio. ◀

◀ Marks the end of a specific item of information.

* Indicates special equipment, country-specific equipment and optional accessories, as well as equipment and functions not yet available at the time of printing.

Overview




- | | |
|---|--|
| <p>1 Change audio source</p> <ul style="list-style-type: none"> ▷ Radio ▷ CD player ▷ CD changer* ▷ External audio device, e.g. MP3 player ▷ USB-audio interface* <p>2 On/off, volume control 7</p> <p>3 Display</p> <ul style="list-style-type: none"> ▷ Radio ▷ CD ▷ Telephone* ▷ Onboard computer ▷ External audio device, e.g. MP3 player ▷ USB-audio interface* ▷ Sound setting ▷ Time display <p>4 CD slot</p> <p>5 Eject CD 16</p> | <p>6 Select functions</p> <ul style="list-style-type: none"> ▷ Rotate: select menu item or adjust value ▷ Press: confirm selection or store settings <p>7 MENU, change to</p> <ul style="list-style-type: none"> ▷ Telephone* ▷ Onboard computer ▷ Settings ▷ BMW telephone numbers <p>8 Make/terminate calls</p> <p>9 Call up settings</p> <ul style="list-style-type: none"> ▷ Speed-dependent volume 7 ▷ Sound setting 8 ▷ Spatial sound effect* 8 <p>10 Display time</p> <p>11 Function buttons for confirming the menu items on the display</p> <p>12 Change station, music track</p> <ul style="list-style-type: none"> ▷ Change station 10 ▷ Change track on CD player 15 <p>13 Select frequency manually 10</p> |
|---|--|

Menu navigation

Selecting a menu item

To display the menu items:

 Press the button.

Rotate the right-hand rotary button to select a menu item and press it to confirm the selection.



1. Press the right-hand rotary button, arrow **1**, to select a menu item, e.g. "TUNER":



2. Press the right-hand rotary button, arrow **2**, to confirm the selection.

Function buttons





To activate a function, press the left or right side of the function button beneath it.

If only one function appears on the display, press the button anywhere – left, right or center.

✓ This symbol identifies the selected functions.

Displaying additional menu items



  These symbols indicate that additional menu items are available for display.

Press the button beneath the symbol.

Closing the menu



 Press the button.

Adjusting values

To adjust numerical values or values on a scale:

1. Select the desired menu item and press the right-hand rotary button.
2. Rotate the right-hand rotary button to adjust the value.



3. Press the right-hand rotary button to store the value.

On/off, settings

Switching the car radio on/off



The car radio is set to the audio source that was last selected: radio, CD, CD changer*, external audio device or USB-audio interface*.

Listening to the radio with the ignition switched off

Radio functions can be accessed for approximately 20 minutes after the ignition has been switched off.

Switch the car radio back on to do so.

To save on battery power, ensure that the car radio is switched off when you leave the vehicle.

Setting the volume



The setting is stored for the remote control key currently in use.

As soon as you begin talking on the phone using the hands-free system, the car radio switches to mute.

Setting the volume of the PDC* and gong

You can raise or lower the volume of the acoustic tones of the PDC and gong relative to the volume of the audio sources.

The acoustic tones have a fixed minimum and maximum volume above or below which they cannot be set.

Set the audio source to a high volume to be able to adjust the volume of the acoustic tones more easily.

- Press the button.
- Press the button if necessary.
- Press the button.
- Select the desired volume and press the right-hand rotary button.

Setting the speed-dependent volume

The speed-dependent volume control automatically raises the volume as vehicle speed increases. You can set the volume increase in several levels.




- Press the key.
- Press the button if necessary.
- Press the button.
- Select the desired volume and press the right-hand rotary button.

Setting the volume of an external audio device

An external audio device such as an MP3 player can be connected to your car radio and played over the vehicle loudspeakers. You can adjust the volume on the car radio.

The required AUX-In connector is located in the center console, refer to the Owner's Manual for Vehicle.

To adjust the volume of the external audio device to that of the car radio:

1.  Press the button.
2.  Press the button.
3.  Press the button.
4. Select the desired volume and press the right-hand rotary button.


Setting the sound quality

You can choose from the following settings:

- ▷ Bass
- ▷ Treble
- ▷ Balance: volume left/right
- ▷ Fader: volume front/back
- ▷ HiFi System Professional*
- ▷ Individual High-End Audio System*

The sound settings are set globally for all audio sources.

Adjusting bass, treble and balance

1.  Press the button.
2. Select the desired sound setting and press the right-hand rotary button.





3. Adjust as required and press the right-hand rotary button.

HiFi System Professional*

You can choose from the following acoustic environments:

- ▷ Music
- ▷ Cinema




To select a sound pattern:

1.  Press the button.
2.  Press the key.


3. Press the button for the desired acoustic environment.

Individual High-End Audio System*


You can select a spatial acoustic effect that improves the spatial acoustics in all frequency ranges.

1.  Press the button.
2.  Press the button.
3.  Press the button.

Equalizer*



1.  Press the button.
2. Press the button for the desired frequency range.
3. Make the settings and press the right-hand rotary button.

To reset the settings:

1.  Press the button.
2. Turn the right-hand rotary button.
3.  Press the button.
4.  Press the button.

Resetting the sound settings


The sound settings are reset to the midrange setting.

1.  Press the button.
2.  Press the button.

Time


The time can be displayed for approx. 8 seconds when the ignition is switched off.

Display time

-  Press the button.

Setting the time, date and time format


You can set the time, date and time format:

1.  Press the key.
2. 
 Press the button.
3. 
 Press the button.
4. Press the required button.
5. Make the settings and press the right-hand rotary button.



Radio

Your car radio is designed for reception in the FM and AM ranges.

Listening to the radio

1. Switch on the car radio, refer to page 7.
2.  Press the button if necessary.




3.  Press the button.
4.  Press the corresponding button repeatedly until the desired reception range is selected.
 - ▷ AM: AM and AMA
 - ▷ FM: FM1/FM2 and FMA

Selecting a station


The setting is stored for the remote control key currently in use.

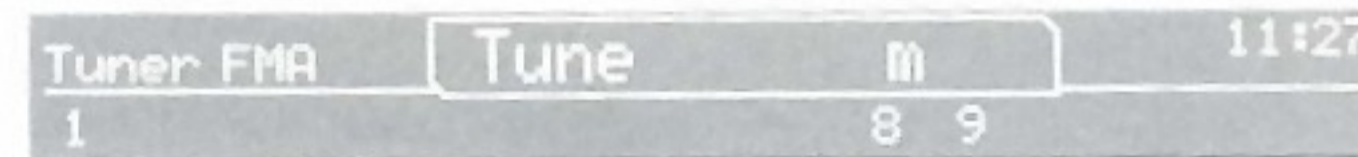
Next station

 Press the button.


The next station with reception is selected.

Selecting a station manually by frequency


1.  Press the button.
2. Press the respective button to enter the desired frequency.




Or with the right-hand rotary button:

1.  Press the button.
2. Rotate the right-hand rotary button until you reach the desired frequency.

Updating the strongest stations automatically


 Press the button repeatedly until "Autostore" is displayed.

Several seconds may elapse before the stations are set and one of these stations is played.


 If you do not want to use Autostore, you can store six additional stations of your choice on the FMA or AMA memory level. ◀

Sampling and selecting a station, scan

You can sample every station with reception for approx. 10 seconds.

 Press the button.

To interrupt the scan and select the station:

 Press the button.


Storing and calling up a station


Memory locations

Your radio can store up to 30 stations:

- ▷ FM1, FM2: six stations of your choice on each level
- ▷ AM: six stations of your choice
- ▷ FMA/AMA: the six strongest stations are stored automatically



Storing a station

1.  Press the corresponding button repeatedly until the desired reception range is selected.
2. Select the station.

- 
 Press and hold the required button until you can hear the station again after a brief interruption. The memory level and the selected button will appear on the display, e.g.:



Calling up a stored station

- 
 Press the corresponding button repeatedly until the desired reception range is selected.
- 
 Press the required button.

With the right-hand rotary button:



Rotate the right-hand rotary button until you reach the desired station.

RDS – Radio Data System

The Radio Data System transmits additional information in the FM reception range. RDS stations thus offer the following capabilities:

- ▶ For stations broadcasting on more than one frequency, the radio will automatically change to the frequency with the best reception quality.
- ▶ The station name is displayed when reception is good.
- ▶ Additional information can be shown on the display, e.g. text broadcasts from the station.
- ▶ Some stations broadcast the type of program (PTY) via RDS. It briefly appears on the display when the station is selected, e.g. NEWS. PTY can also be used for catastrophe warnings, e.g. "ALARM".



Switching RDS on/off

- 
 Press the button.
- 
 Press the button.

 RDS switched on.

The name of the current station will appear if it is broadcasting RDS information.

Displaying the program type

- 
 Press the button.
- 
 Press the button.


 PTY switched on.

High Definition Radio*




Many stations transmit both analog and digital signals. You can receive these stations digitally with improved sound quality.

A digital radio network must be available to be able to receive digital stations.

Switching digital radio reception on/off

- 
 Press the button.



- 
 Press the button.
- 
 Press the button.
- 
 Press the button.

 The reception of digital stations is switched on.

"HD": A station is received digitally.


"(HD)": A station broadcasts digital signals but digital radio reception is switched off.

Some stations do not broadcast digital signals simultaneously with analog signals. If you are in an area where the selected station does not have continuous reception, the radio will switch


between analog and digital reception. This may cause repetitions or interruptions. In this case it may be preferable to switch off digital reception.

Selecting the programs of a digital station*

Some stations broadcast several programs at once. To select one of these programs:


1.  Press the button repeatedly until the required digital station is selected. If a station broadcasts more than one program, "HD1" is displayed, for example.



2.  Press the button.
3. Select the desired program. Up to eight programs can be selected per station, "HD1" to "HD8".

Displaying additional information

For digital stations, additional information can be displayed on the track currently being played, such as the name of the artist.

1.  Press the button.

The information is displayed.

Display

Acquiring

The radio is searching for digital stations.


No Signal

No digital station is being received.

Satellite radio*

You can receive over 100 different channels of high sound quality.

The channels are available in standard packages. To receive the channels of your choice, you must have the package enabled.

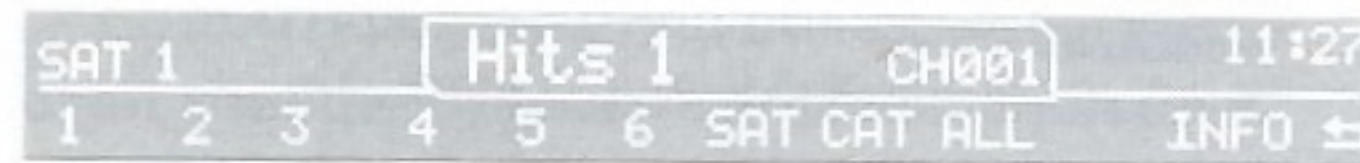
 You may experience signal drops and muting events related to this new technology. ◀


Enabling and disabling channels

1.  Press the button.



2.  Press the button.



3.  Press the button.
4. Select the desired category.



The channels are displayed.

✓ This symbol identifies the current channel.



Enabling channels

1. Rotate the right-hand rotary button to select a channel that is not yet enabled.
2. Press the right-hand rotary button to confirm a channel.

A phone number and the electronic serial number, ESN, are displayed. The electronic serial number is needed to enable the channels.

3. To enable the channels:
Dial the phone number.


Disabling channels

1.  Press the button.




2.  Press the button.



3.  Press and hold the button.
A phone number and the electronic serial number, ESN, are displayed. The electronic serial number is needed to disable the channels.
4. To disable the channels:
Dial the phone number.

Selecting and storing a channel

1.  Press the button.



2.  Press the button.



3.  Press the button.
4. Select the desired category.






5. Select the desired channel.



To display all channels:

-  Press the button.

To save a channel:

1.  Press the button.
2.  Press the button repeatedly until the desired memory level, SAT 1 or SAT 2, is reached.
3.  Press and hold the

required button until you can hear the channel again after a brief interruption.

Changing to the current channel



-  Press the button.

Additional information

The name of the channel and additional information on the track currently being played, such as the name of the artist, are displayed.


1. Select the desired channel.




2.  Press the button.



Changing the channel using the buttons

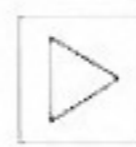
-  Press the button for the required direction.
The next enabled channel is called up.

Channel search

1.  Press and hold the button for the required direction.
The next enabled channel is called up.
2. Release the button to select the displayed channel.

Notes

If there is a signal blockage or if transmission is suspended momentarily for more than 4 seconds, a message will appear on the control display.

-  Service may be interrupted or unavailable for specific reasons such as environmental or topographic conditions and other situations that Satellite Radio cannot directly control.

The signal may not be available in tunnels, in parking garages, next to tall buildings, near trees with dense foliage, near mountains or other possible strong sources of radio interference.

Normal service should resume after the source of signal unavailability has been cleared. ◀

CD player and CD changer*



Listening to CDs

Starting the CD player

It may take a moment before the CD player begins playing.


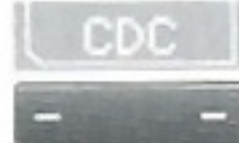
1. Switch on the car radio, refer to page 7.
2. Insert the CD into the CD slot with the label side up.

If there is already a CD in the slot:

1. Switch on the car radio if it is off.
2.  Press the button.
3.  Press the button.

Starting the CD changer

It may take a moment before the CD changer begins playing.

1. Switch on the car radio, refer to page 7.
2. Load and insert the CD magazine, refer to page 16.
3.  Press the button.
4.  Press the button.

Selecting a CD


Press the button for the desired CD number.



The corresponding CD number appears on the display. At the end of the last track, the next CD will be selected.

Changing the music track


Music track scan

 Press the button repeatedly until you reach the desired track.

With the right-hand rotary button:

Rotate the right-hand rotary button until you reach the desired track.

Fast forward/reverse

1.  Press and hold the button. The tracks can be heard, but the quality is distorted.
2. To interrupt fast forward/reverse, release the button.

Random play

 Press the button.

To stop random play:

 Press the button.

Sampling and selecting a track, scan

 Press the button.

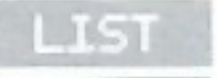

To interrupt the scan and select a track:

 Press the button.

Selecting an MP3 music track

The CD player and CD changer are also capable of playing CDs with compressed audio formats, MP3 and WMA.

Selecting a track

1.  Press the button.
2. Select the desired directory and press the right-hand rotary button.
 - ▶  : press the right-hand rotary button to open a directory
 - ▶  : press the right-hand rotary button to close a directory
3. Select additional subdirectories if required and press the right-hand rotary button.

4. Select the desired track and press the right-hand rotary button.

You can scroll through the directory during playback.

To change to the current track:




Music track display

You can call up any information that has been stored on the current music track.

1.  Press the button.
2.  Press the button.

Ejecting the CD from the CD player

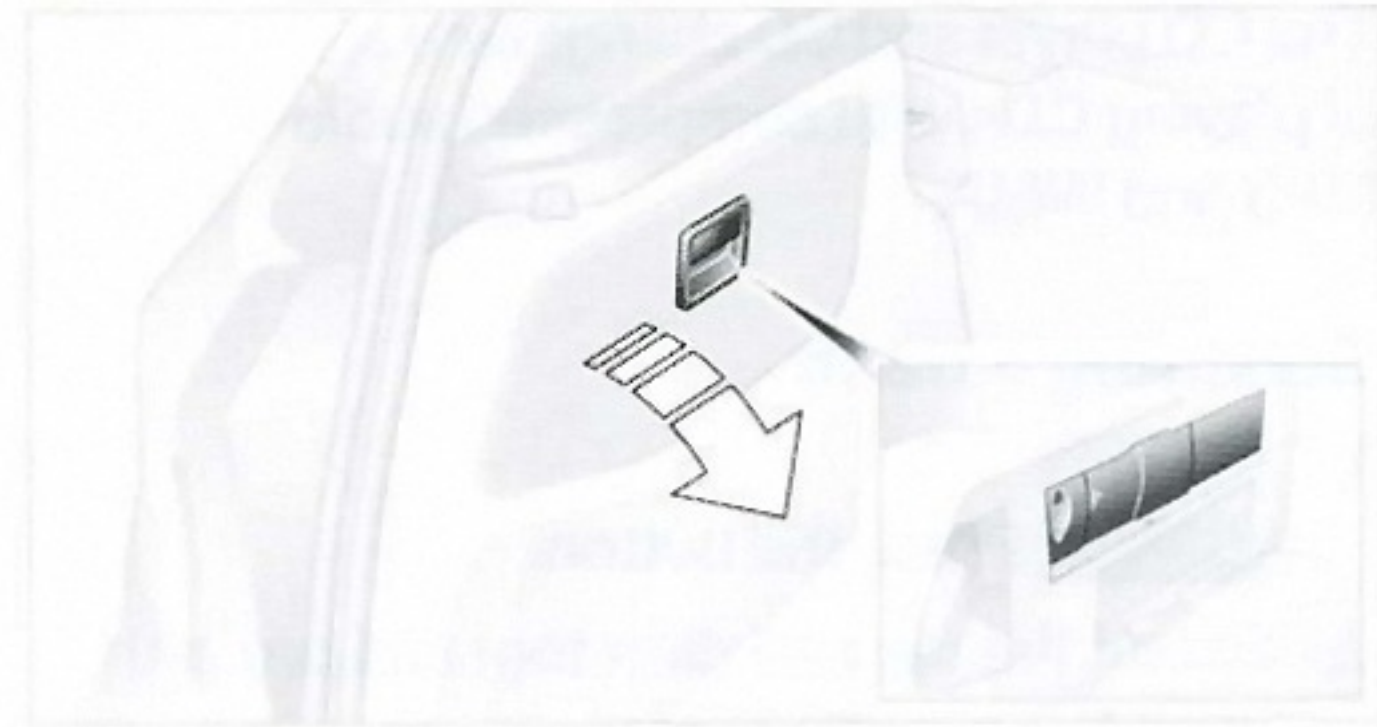
 Press the button.

The CD is partially ejected from the CD slot.

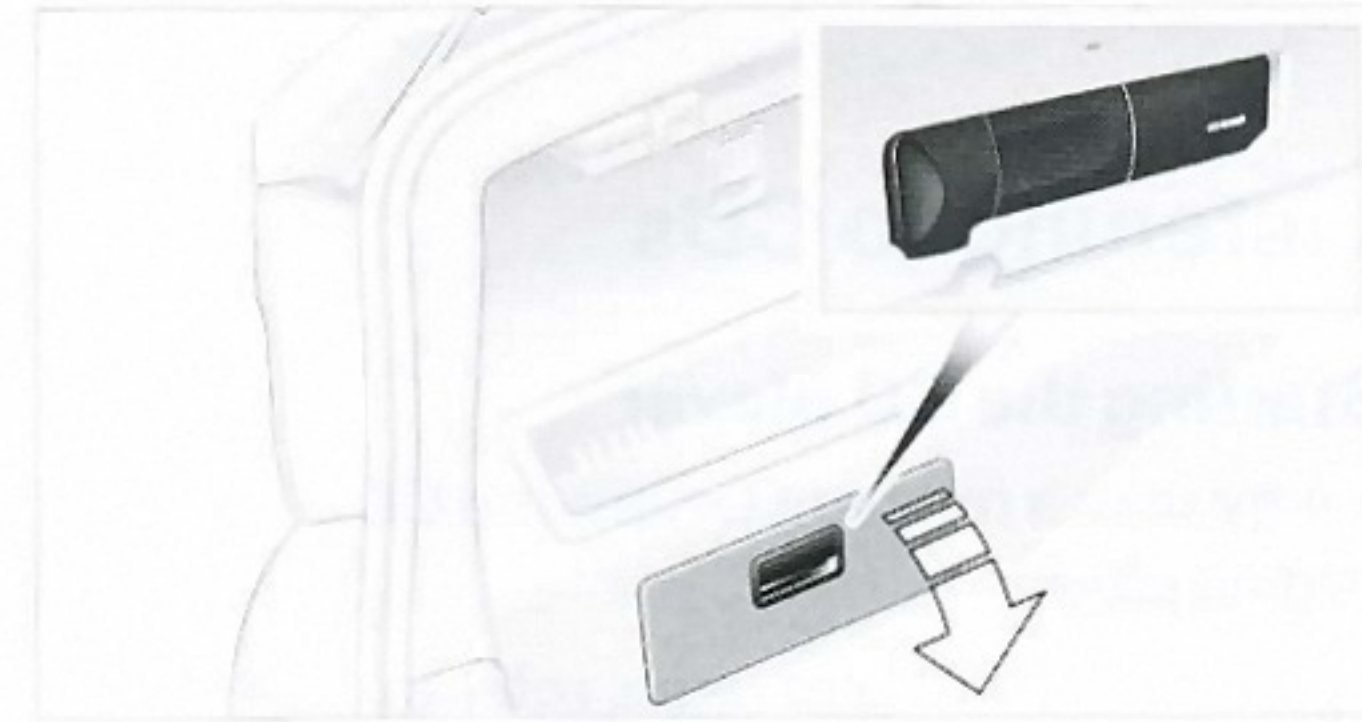
Installation location of CD changer

On the left side of the luggage compartment.

BMW 1 Series



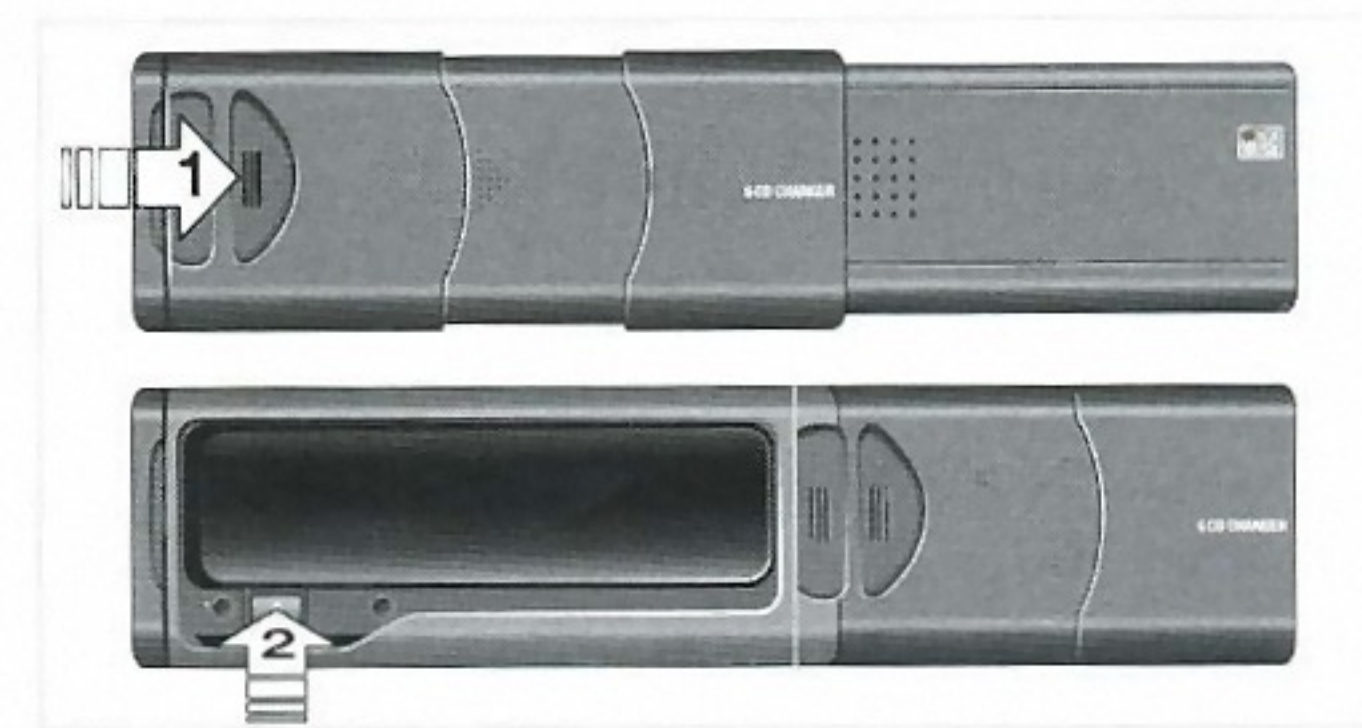
BMW 3 Series



Removing/inserting the CD magazine

Removing the CD magazine

To load or unload the CD magazine, take it out of the CD changer.



Loading/unloading the CD magazine

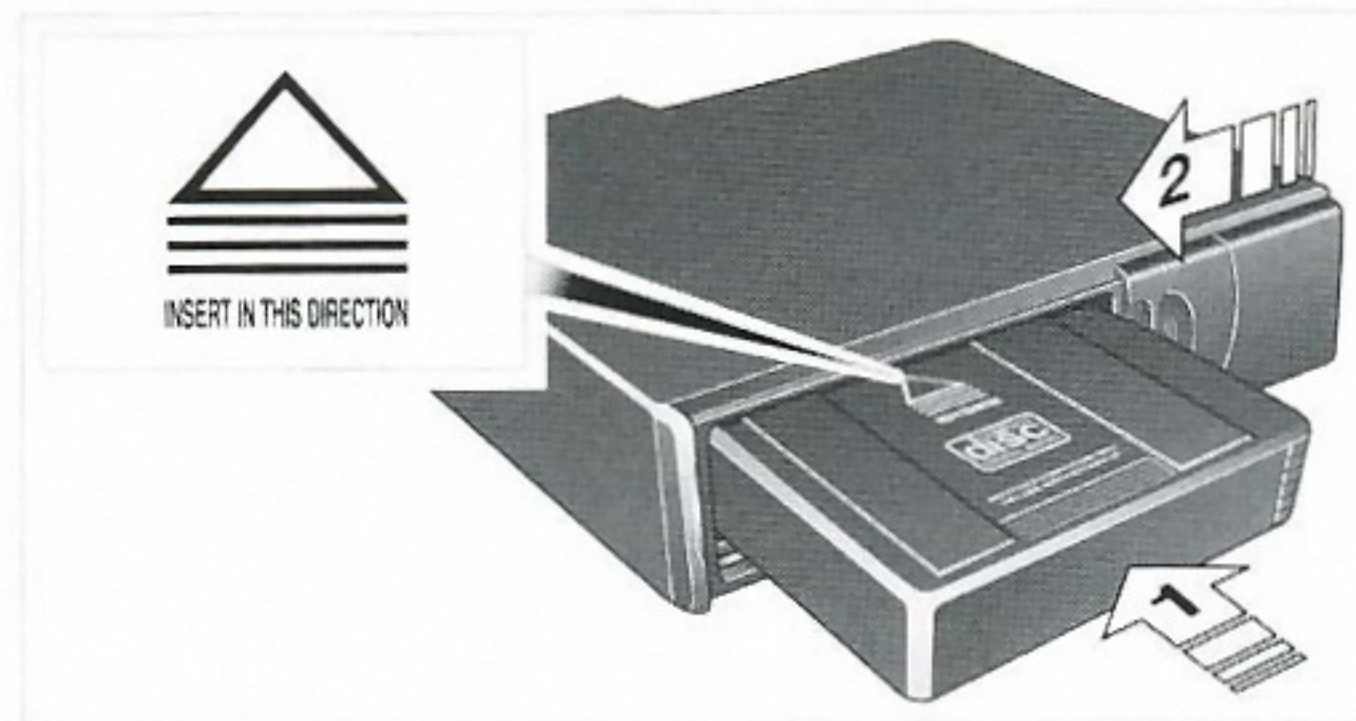
When inserting and removing CDs, you should always grasp them by their edges, being sure to avoid all contact between your fingers and the reflective data side of the disc.

- ▶ Loading:
Pull out the required compartment and place the CD on it with the label side up.



- ▷ Unloading:
Pull out the required compartment and remove the CD.

Inserting the CD magazine



1. Insert the CD magazine, arrow 1, as far as it will go.
2. Close the cover, arrow 2.

Display

CD player

- ▷ "Insert CD"
The CD slot is empty.
- ▷ "Error CD"
The CD cannot be read or is defective.
- ▷ "Temp. CD"
The operating temperature is too high.

CD changer

- ▷ "Insert CD"
The CD is improperly inserted or the magazine is empty.
- ▷ "Insert MAG"
The magazine has not been inserted.
- ▷ "Load MAG"
The CD content is being read in.
- ▷ "Temp. CDC"
The operating temperature is too high.

Notes

! BMW CD players and changers are officially designated Class 1 laser products.

To avoid the risk of serious eye injury, never use them if the cover is damaged.

Do not use CDs to which adhesive labels have been applied. The labels may peel off in the drive as a result of the temperatures that arise during play and could damage the system irreparably.

Use only round CDs with a standard diameter of 4.7 inches/12 cm and do not use CDs in conjunction with adapters, e.g. CD singles. The CDs or the adapter could jam and become impossible to eject.

Do not use combined CDs/DVDs, e.g. DVD^{Plus}, as these CDs/DVDs could jam and become impossible to eject. ◀

General malfunctions

BMW CD players and changers are specifically designed for use in a vehicle. They may react more sensitively to defective CDs than do devices designed for stationary use.

If a CD cannot be played, first check whether it has been inserted correctly.

Atmospheric humidity

A high level of air humidity may cause the CD or the laser beam focusing lens to fog over and temporarily prevent the CD from being played.

Malfunctions with specific CDs

Malfunctions that only occur with specific CDs may be due to one of the following reasons.

Self-recorded CDs

Self-recorded CDs may malfunction if, for example, data generation and writing is inconsistent or blank CDs are of low quality or too old.

When labeling CDs, only use special CD marker pens and write on the label side of the CD.

Damaged CDs

Avoid fingerprints, dust, scratches and humidity.

Keep CDs in covers.

Do not expose CDs to temperatures over 50 °C/122 °F, high humidity or direct sunlight.

CDs with copy protection

CD manufacturers often provide CDs with copy protection. This can prevent or restrict the playing of CDs.

Care

If necessary, the reflective surface can be cleaned using a commercially available cloth by wiping from the center of the CD to the outer edge.

USB-audio interface*

You can connect audio devices, e.g. an iPod or a USB device (MP3 player, USB flash memory card) to the USB audio interface. These can be operated on the iDrive.

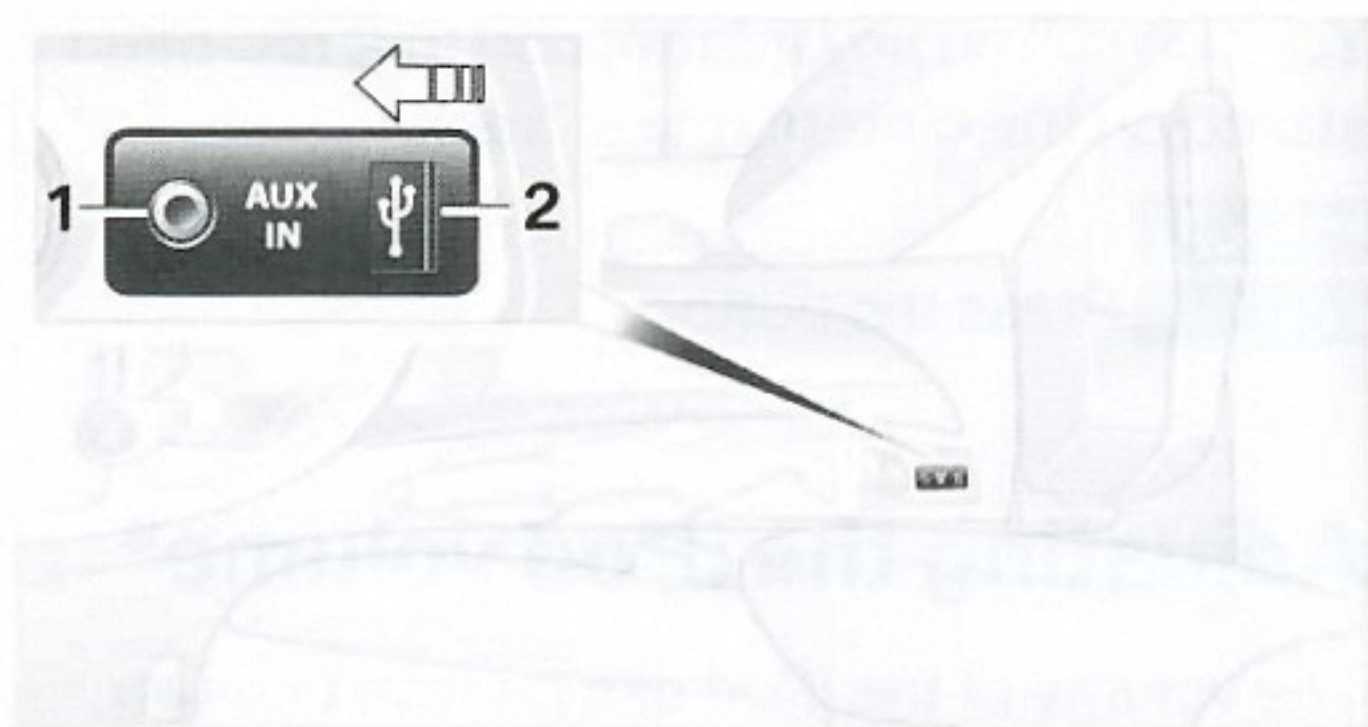
Standard audio formats, e.g. MP3, WMA, WAV (PCM) and ACC, and playlists in the M3U format can be played.

Due to the variety of audio devices on the market, it cannot be guaranteed that every device will be operable on the vehicle.

Ask your BMW center about which audio devices are suitable.

Connecting


BMW 1 Series:



BMW 3 Series:



- 1 Connection for audio playback:
Jack plug 1/8"/3.5 mm
- 2 USB interface

 Depending on your vehicle's equipment, it contains a storage pouch for your audio

device. The pouch is located under the center armrest. ◀


iPod

To connect the iPod use the BMW cable adapter for Apple iPod. For more information, contact the BMW center or go to the Internet: www.bmw.com

To play audio tracks over the vehicle's loudspeaker system, connect the iPod to ports **1** and **2**.

The menu structure of the iPod is supported by the USB-audio interface.


USB device

 To connect the device, use the flexible adapter cable included to protect the USB interface and your USB device against physical damage. ◀

To play audio tracks on the vehicle's loudspeaker system, connect the USB device to port **2**.

After the device is connected for the first time, the information on all tracks (e.g. artist, type of music) and the playlists are transferred from the USB device to the vehicle. This procedure may take some time. The duration depends on the USB device and the number of tracks.

Information from up to four USB devices can be stored on the vehicle, or about 20,000 tracks. If a fifth USB device is connected, the information stored on the vehicle regarding the tracks of the first USB device is deleted.



 Music tracks with integrated Digital Rights Management (DRM) cannot be played. ◀

Starting audio playback

iPod


1.  Press the button.
2.  Press the button.

USB device

1.  Press the button.
2.  Press the button.


Changing the music track

Music track scan

 Press the button repeatedly until you reach the desired track.

With the right-hand rotary button:
Rotate the right-hand rotary button until you reach the desired track.

Fast forward/reverse

1.  Press and hold the button.
The tracks can be heard, but the quality is distorted.
2. To interrupt fast forward/reverse, release the button.

Random play

 Press the button.

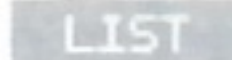


The current track is played to the end.
Then the tracks in the current directory are played in random order.

To stop random play:

 Press the button.

Selecting a track

Select the desired list, e.g. "LIST":

1.  Press the button.
2. Select the desired directory and press the right-hand rotary button.
 - ▶  : press the right-hand rotary button to open a directory
 - ▶  : press the right-hand rotary button to close a directory
3. Select additional subdirectories if required and press the right-hand rotary button.
4. Select the desired track and press the right-hand rotary button.


You can scroll through the directory during playback.

To change to the current track:

 Press the button.

Music track display


You can call up any information that has been stored on the current music track.

 Press the button.

Adjusting the iPod volume*

The volume of the iPod can be high or lower than the audio sources of the radio.

To match the volume of the iPod to the volume of the other audio sources:

1.  Press the button.
2. Select the desired volume and press the right-hand rotary button.

Displaying the complete file structure of the USB device

You can have the complete file structure on your USB device displayed, e.g. including directories without music files.

 Press the button.

Notes

- ▷ The USB audio interface supplies the connected audio devices with current, provided that this is supported by the audio device. Therefore, do not connect the USB audio device to the power socket in the vehicle during operation.
- ▷ Do not expose the audio devices to extreme environmental conditions, e.g. very high temperatures, refer to the operating instructions of the audio device.
- ▷ Do not connect devices such as fans or lamps to the USB audio interface.
- ▷ Do not connect USB hard disks.
- ▷ Depending on the configuration of the audio files, e.g. bit rates greater than 256 kbit/s, the files may not play back correctly in every case.



Onboard computer

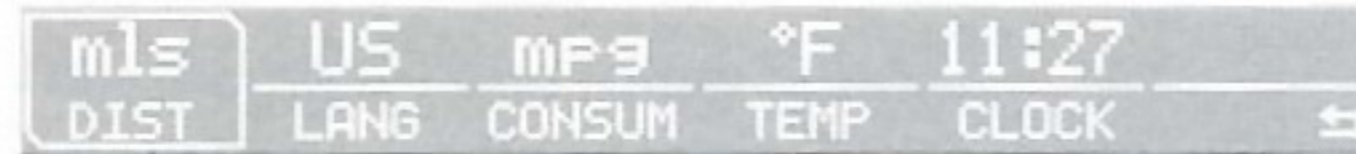
The onboard computer lets you call up the following information:

- ▷ Fuel consumption
- ▷ Average speed
- ▷ Range
- ▷ Outside temperature, TEMP

Settings


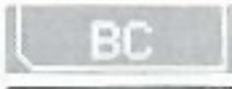
You can set your car radio as you require:

1.  Press the button.
2.  Press the button.



- ▷ "DIST"
Change dimension of range
 - ▷ "LANG"
Select display text language
 - ▷ "CONSUM"
Change dimension of average consumption
 - ▷ "TEMP"
Change dimension of outside temperature
3. Select the desired menu item and press the button.

Calling up information

1.  Press the button.
2.  Press the button.



Fuel consumption

You can have the average fuel consumption displayed for the entire trip, for a portion of the trip

or every time you refuel. The average consumption is calculated for the time during which the engine is running.

To start calculation of consumption:

1.  Press the button.
2.  Press the button.



The display is set to zero and the system begins recalculating the average fuel consumption.

Average speed

You can display the vehicle's average speed. The average speed is calculated for the time during which the engine is running.

To start calculation of the average speed:

1.  Press the button.
2.  Press the button.



The display is set to zero and the system begins recalculating the average speed.

Range

The "RANGE" function indicates the estimated distance you can travel on your remaining fuel based on your previous rate of fuel consumption.

When the vehicle is being refueled, the onboard computer only registers fuel quantities over 1 US gallon.

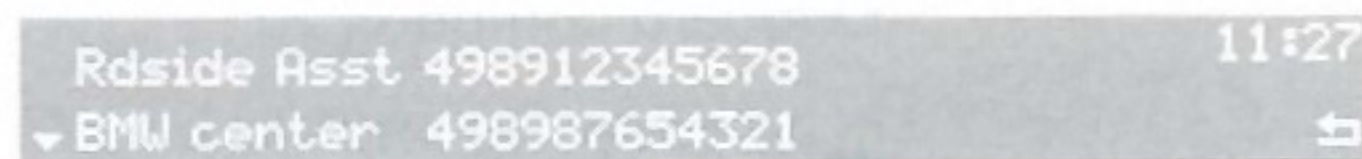
BMW phone numbers

You can have the system display several service numbers without having to enable BMW Assist. BMW Assist services will be available to you as soon as BMW Assist is enabled, refer to separate owner's manual.

- ▷ "Rdside Asst": BMW Roadside Assistance, if you need assistance in the event of a breakdown
- ▷ "BMW center": BMW center, if you wish to arrange a service appointment, for example
- ▷ "Cust. Rel.": BMW Hotline, for information on your vehicle

Displaying the phone numbers

1.  Press the button.
2. 
 Press the button.



3. Turn the right-hand rotary button until the required phone number is displayed.

Everything from A to Z

Index

A

AM range 10
Automatic station search 10
Automatic station storage 10
AUTOSTORE 10
AUX-In connector 7
Average fuel consumption 22
Average speed 22

B

Balance 8
– front/back 8
– left/right 8
Bass 8
BMW telephone numbers 23

C

Car radio, refer to Radio
CD changer 15
– controls 5
– fast forward, reverse 15
– installation location 16
– random play 15
– sampling 15
– selecting a CD 15
– selecting a track 15
– setting the sound quality 8
– starting 15
– volume 7
CD player 15
– changing the track 15
– controls 5
– fast forward, reverse 15
– random play 15
– sampling 15
– setting the sound quality 8
– starting 15
– volume 7
Compressed audio files 15
"CONSUM" 22

Consumption, refer to Fuel consumption

D

Date, setting 9
Digital radio, refer to High Definition Radio 11
Display 5
"DIST" 22

E

Eject button 5, 16
Equalizer 8
"Error CD" 17
External audio device 7

F

Fader 8
Fast forward
– CD 15
FM range 10
Fuel consumption 22

G

Gong
– volume 7

H

High Definition Radio 11

I

Individual High-End Audio System 8
"Insert CD" 17
"Insert MAG" 17

L

"LANG" 22
"Load MAG" 17
Location
– CD changer 16

M

Manual station search 10
MP3 15
Music track
– random play 15
– sampling 15
Music track scan
– CD 15

O

Onboard computer 22

P

PDC
– volume 7
PTY 11

R

Radio
– Autostore 10
– calling up a station 10
– controls 5
– on/off 5, 7
– playing station 10
– satellite radio 12
– searching for station 10
– selecting the reception range 10
– setting the sound quality 8
– storing a station 10
– volume 5, 7
"RANGE" 22

Range 22
RDS 11
Reception
– quality 11
– radio station 10
Reception range 10
Resetting sound settings 8
Reverse
– CD 15

S

Sampling, scan
– CD 15
– radio 10
Satellite radio 12
– enabling channels 12
Scan
– CD changer 15
– CD player 15
– radio station 10
Scan, sampling
– CD changer 15
– CD player 15
– radio 10
Scan button 5
Sound pattern, selecting 8
Sound quality
– midrange setting 8
– setting the sound quality 8
Speed
– average 22
Speed-dependent volume 7
Station, refer to Radio
Steering wheel with multi-
function buttons, refer to the
Owner's Manual for Vehicle
"S-VOL" 7
Switching on
– CD changer 15
– CD player 15
– radio 5, 7

T

"TEMP" 22
"Temp. CD" 17
"Temp. CDC" 17

Time
– displaying 8
– setting 9
Time format, setting 9
Treble 8

U

USB-audio interface 19

V

Volume
– gong 7
– PDC 7
– speed-dependent volume 7

W

WMA 15

Abbreviations

Display	Significance
1...6	Station number on the FM1, FM2 and AM memory levels, as well as on FMA and AMA
AAC	Compressed audio file
AM	Amplitude Modulation – AM reception range
BAL	Balance – setting volume left/right
BASS	Setting of bass
BC	Onboard computer
CD	Compact Disc – displayed when a CD has been inserted and when a CD in the CD changer is being played
CDC	Compact Disc Changer
FADER	Fader – setting volume front/back
FM	Frequency Modulation – FM reception range
FM1/FM2/FMA	Memory levels 1, 2 and AUTOSTORE in the FM reception range
HD	High Definition Radio
m	Manual station selection
MP3	Compressed audio file
PTY	Program type (e.g. News, Sports, Pop Music, etc.) in FM reception range
RDS	Radio Broadcast Data System in FM reception range
RESET	Resetting of the volume and sound settings to the midrange setting
RND	Random Play – music tracks on the CD and CD changer are played in random order
SC	Scan – briefly sample station or track
S-VOL	Speed Volume – setting the speed-dependent volume
TEMP	Outside temperature
TREBLE	Setting of treble
USB	Universal Serial Bus

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