



Owner's Manual for your
BMW Business Car Radio.
For your listening enjoyment.



This Owner's Manual is intended to familiarize you with the details of your BMW car radio. You will receive important information regarding its operation, which will allow you to use all the functions quickly and in optimal fashion.

We wish you an enjoyable listening experience.

BMW AG

Notes on this Owner's Manual

To start enjoying your car radio right away, there is an overview in the first chapter of the displays and controls.

- ▷ You will find all the information about the radio, cassette – and should it be necessary, information about the compact disc (CD) – listed in order of importance in the chapter called "Settings"
- ▷ You will find specific information for listening to the radio in the chapter "Reception"
- ▷ You will find specific information about playing cassettes and CDs in the chapter "Playing."

The fastest way to find certain topics is in the index at the end.

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

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Symbols used



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



Contains 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 extras.

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

Status at time of printing

The advanced technological features and high quality standard of BMW equipment are maintained through an ongoing development process. This may lead to discrepancies between the information in this Owner's Manual and the actual equipment installed in or on the car. Nor can errors and omissions be entirely ruled out. Therefore, please be advised that no legal claims can be made based on the data, illustrations or descriptions in this Manual.

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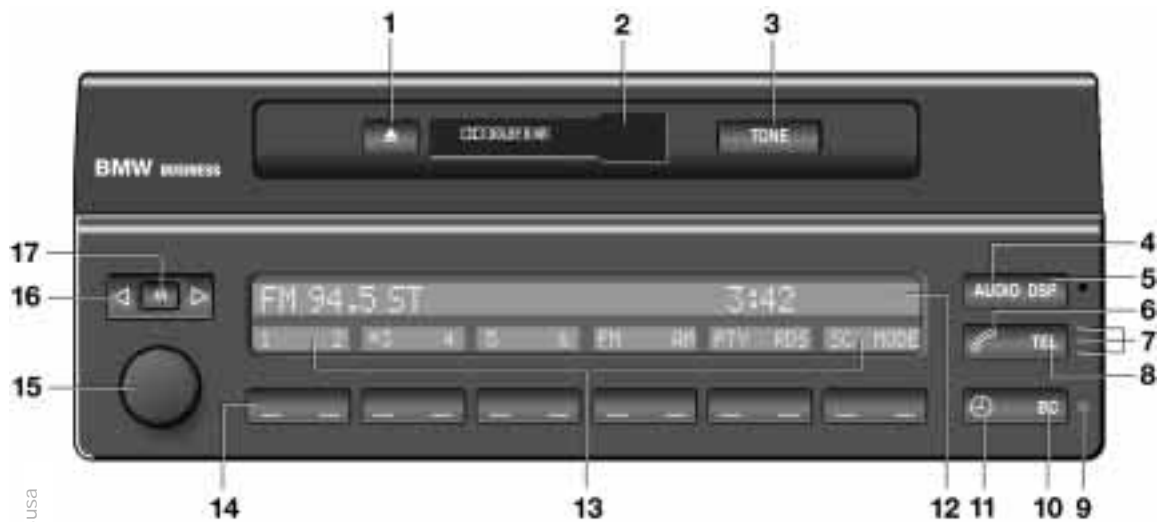
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The car radio at a glance

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6 Multi-information display Care instructions

Function concept

The display consists of two lines, the lower one is divided into six fields. One or two functions can be displayed in each field. The functions change according to mode display.

Example, the radio:

FM 94.5 ST			3:42								
1	2	3	4	5	6	FM	AM	PTY	RDS	SC	MODE

Example, the CD changer:

CD 1-03			8:43							
1	2	3	4	5	6	FM	AM	RND	SC	MODE

Example, the cassette:

TAPE 1			9:55							
SIDE	DOLBY	NR	FM	AM						MODE

The function keys are arranged below the second display line. To execute a function, press the appropriate key on the left or right.

If only one function appears in the display, press either at the right or the left.

Cleaning the unit

Only use a clean cloth which has been moistened slightly with water.



Do not use chemical or household cleaners. Keep all types of liquids and fluids away from the device. Otherwise, surfaces or electrical components could be damaged. ◀

Handling the cassettes

We recommend the use of high-stress cassettes, as they are better suited for operation in vehicles. Cassettes with run times of more than 90 minutes are less well suited.

To prevent poor operation, do not store the cassettes in a parked vehicle when the outside temperatures (below 15 °F / -10 °C or above 104 °F / +40 °C) are extreme.

In addition, protect cassettes from direct sunlight and any contamination.

Special cleaning cassettes are available to remove dirt deposits from the replay head and tape drive elements.

Care instructions

Handling CDs

A CD has a protective coating on both sides. In spite of this, please take the following precautions:

- ▷ Always hold the CD at the outer edge and avoid fingerprints or dust, scratches or moisture on the mirror side of the CD.
- ▷ Do not write on CDs or affix labels to them.
- ▷ If necessary, wipe the mirror (scan) side of the CD with a suitable cleaning cloth (commercially available), working in straight lines from the inside out.
- ▷ Condensed moisture on CDs (due to extreme temperature fluctuations, for instance) may cause improper replays.



Do not use solvents or household cleansers. Do not use cleaning agents or antistatic sprays designed for use with records. ◀

Anti-theft protection

The device has automatic anti-theft protection. Manual input of a security code or other entries are not required.

Radio Pass



The Radio Pass is a document. Please keep this pass in a safe place, because in the event that your radio is stolen, the data entered must be reported to your insurance company and to the police.

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10 Turning the unit on/off



Press the knob.

The unit will select the last-used audio source (radio, CD or cassette).

Listening to the radio with ignition shut off

The radio and its functions are still available for approx. 20 minutes after the ignition has been shut off (with the ignition key in position 0 or removed).


When the ignition is shut off, the unit shuts off as well.

To turn the unit back on, press



or



 Operation using the multi-function steering wheel* after the ignition has been switched off is not possible. To save the battery, you should always turn the radio off when leaving the vehicle. ◀

Adjusting the volume

Setting the volume



Turn the knob.



As soon as you begin talking on the phone or accept a call, the radio switches automatically to mute. ◀

Setting speed-dependent volume

In order to compensate for greater interior noise at high speeds, your unit is equipped with a speed-dependent volume control (SPEED VOL). This will increase the volume in proportion to speed.

You can adjust the volume increase in 6 levels. The higher the level you choose, the greater the increase in volume.

Adjusting the volume

1. Call up current setting

TONE

Press and hold this key.

The display will switch to the mode display for Speed Volume, e.g.:

SPEED VOL 1 3:42
- SVOL + CLR MODE

2. Select the level

- SVOL +

Press or keep pressed down.

The selected level will be indicated in the display

3. Leave the mode display

MODE

Reset the settings

You can reset the volume for the speed-dependent volume to a midrange setting.

1. Call up current setting

TONE

Press and hold this key.

The display will switch to the mode display for Speed Volume.

2. Reset the setting

CLR

The speed-dependent volume will be reset to level 3

3. Leave the mode display


MODE

Setting the sound quality 11

Sound and tone playback

You can choose from the following sound settings:

- ▷ Bass:
Amplify or reduce the bass
- ▷ Treble:
Amplify or reduce the treble
- ▷ Volume distribution front/back (Fader):
front or rear, louder/softer
- ▷ Volume distribution right/left (Balance):
left or right, louder/softer
- ▷ Midrange setting (Flat):
Reset the sound settings to the midrange.

 The type of sound setting depends on the source, i. e. radio, cassette and CD can each be adjusted individually. Changing the audio source will recall the last sound setting used for this particular audio source. ◀

12 Setting the sound quality

Changing the sound settings

1. Call up sound setting with



or



The display will switch to the mode display for the sound setting, e.g.




2. Change the desired sound setting, e.g. BASS



Press or hold down until the desired setting comes up.

Reset the sound settings

 FLAT will reset all sound settings for the current audio source back to the midrange level. ◀

1. Call up sound setting with



or



The display will switch to the mode display for the sound setting.

2. Select FLAT




"FLAT" will appear in the display.

DSP sound system*

Digital Sound Processing (DSP) offers optimal sound enjoyment by simulating the sound in a studio environment as well as by using the equalizer functions.

DSP offers 3 preset and 3 individually adjustable memory levels sound settings. The preset sound settings CONCERT HALL, JAZZ CLUB and CHURCH are permanent memory settings that cannot be altered.

 You cannot change the DSP sound settings if listening to the radio with the ignition turned off. ◀

DSP sound system*

Selecting sound memory

1. Call up the sound setting with



The display will switch to the mode display for the sound system.



2. Select a permanent sound memory, e.g. CONCERT



"CONCERT HALL" will appear in the display

or

Select individual sound memory settings, e.g. MEMORY 1, with



"MEMORY 1" will appear in the display

3. Leave the mode display



The selected sound setting will appear in the display.

Changing individual sound memory

You can configure the sound memory settings 1 to 3 individually. Use the regulators for equalizer, room size and echo to change them.



The sound setting, when using TONE, may limit the band width of the individually configured settings if treble or bass are set extremely high or low. To adjust the sound memory for optimum performance, first reset the sound settings, refer to page 12. ◀

1. Call up the sound setting with



The display will switch to the mode display for the sound system.



2. Select the desired memory location, e.g. 1



3. Call up the settings menu



4. Change the setting, e.g. EQUALIZER, with



The display will switch to the mode display for the equalizer, e.g.:



5. Change the setting, e.g. the 500 Hz frequency with

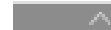


6. Set the desired level with



Press left or right, until the desired level is set.


Cancel change, if necessary, with



7. Leave the mode display



14 DSP sound system*

 If one of the two spatial controllers (ROOM, ECHO) is set to 0, the second one will automatically be set to 0 as well. As soon as you change this memory setting that you set to 0, the other memory will revert to the previous setting. This previous setting will be deleted, however, if you leave the setting with both controllers set at 0. ◀

Switching off the sound system

1. Call up the sound setting with



The display will switch to the mode display for the sound system.

2. Switch it off with




"DSP OFF" will appear in the display

3. Leave the menu with



Key Memory

Save the settings

 A prerequisite is that each person uses his or her own ignition key. Refer to the Vehicle Owner's Manual for additional information about Key Memory. ◀

You can have your BMW service center customize the following settings for each key ("Key Memory"):

- ▷ the last audio source that was listened to (radio, CD or cassette)
- ▷ the last station
- ▷ the last selected sound setting.

The last settings saved with a key will be automatically activated as of ignition key in position 1.

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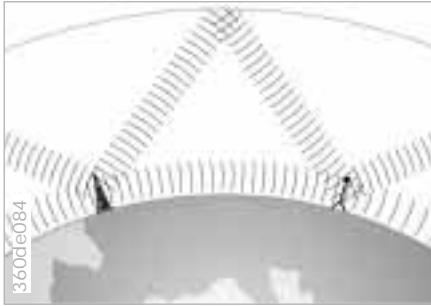
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16 Selecting the wave band



Radio waves – medium-wave, long-wave and short-wave – offer a wide range of reception, because the broadcast signals travel not only along the ground as surface waves, but also as waves bounced back to earth from the ionosphere.

Frequency-modulation (FM) provides substantially better sound quality than AM. However, because FM transmissions rely on line-of-sight broadcast waves, their effective reception range is limited.

Select the wave band.



Press left or right

Selecting a station via frequency

Select the station manually

1. Select "manual"



"M" ("manual") will appear in the display next to the frequency indicator or the station name

2. Set the frequency with



Press or hold down.

Every actuation changes the frequency in specifically defined increments.

Station search (scanning)

Start the scan with



Press or hold down.

The search mode begins with the last set frequency.

The scan stops as soon as a station is found.

Selecting a station by name

RDS – Radio Data System

Thanks to specially designed systems, limitations inherent in mobile reception quality have been partially minimized:

The Radio Data System (RDS) broadcasts additional information in the FM range. RDS transmitters thus offer the following characteristics:

- ▷ The station name will appear in the display after the RDS signals have been evaluated
- ▷ Additional information can be indicated or retrieved in the display (e.g. text broadcasts from the station, PTY).

However, the reception of RDS data is only possible under favorable reception conditions. If reception is weak or interrupted, it can take quite a while before the station name appears in the display.

Selecting a station

1. Switch on the RDS with



"*RDS" will appear in the display along with the name of the current station, if it is broadcasting RDS information

2. Start scanning with



Press or hold down.

The scan mode begins at the last set station.

The scan mode stops as soon as a station is found.

- Switch off the RDS with



18 Listening to a sample and selecting a station (Scan)

You can briefly play all stations that can be received.

1. Start playing procedure with

SC

Display:

FM 94.5 SC 3:42

2. Select station with

SC

The scan function is interrupted, the selected station will be stored.

Type of program (PTY)

You can receive even more information through RDS. Certain stations broadcast that stations' type of program (PTY), e.g. NEWS, SPORTS, POP MUSIC, CULTURE etc.

If the reception is weak or interrupted, it can take quite a while before PTY is available.



PTY can also be used for disaster warnings. If the station is broadcasting this type of program, "ALERT" will appear in the display. ◀

Request type of program

1. Switching on the RDS if necessary



"*RDS" will appear in the display.

2. Request PTY with



The program type will be displayed for a few seconds.

If the specific station does not provide PTY recognition, "NO PTY" will appear in the display.

Automatic PTY display



Hold this key down until "PTY AUTO" appears in the display.

At each change of station or when the station changes the program type, the type will appear automatically for a few seconds in the display.

Switch off PTY



Holding this key down until "PTY MAN" appears in the display.

20 Storing and retrieving a station

Memory locations

Your radio can store 30 stations:

- ▷ In the FM range, you can store 12 stations of your choice, and in the AM range, you can store 6 stations of your choice (keys 1 to 12 or 1 to 6), refer to "Store stations"
- ▷ In both the FM und AM ranges, the radio will also automatically store the 6 strongest stations (keys A1 to A6), refer to page 21.

Because of the various levels of memory, each function key has multiple entries.

Select the wave band with



Press left or right.

Each time you tap, you can switch between the FM memory levels (1 to 12) and FM (A1 to A6), or between AM (1 to 6) and AM (A1 to A6).



Memory locations 1 to 12 in the FM range are called up in two blocks. The first tap will call up keys 1 to 6, the second tap calls up keys 7 to 12. ◀

Store stations

1. Select the wave band with



Press left or right.

Each tap switches you within the FM or AM memory levels

2. Select the station, refer to page 16 and/or 17

3. Store stations with



Hold down desired key (1...6 or 7...12) left or right until you can hear the station again after a brief interruption. The station has been stored.

The selected key number is identified by a ✱.

If that key was already used, the last-stored station will be flashed in and then the new frequency or the new station name will appear if the RDS function is on.

Retrieve stations

1. Select the wave band with



Press left or right.

Each tap switches you within the FM or AM memory levels

2. Select the stored station



Press the desired key (1...6 or 7...12) on the left or right.

Storing and retrieving a station

Automatic storing

Automatic data storage (AUTOSTORE) is advantageous if you want quick access to the strongest station in the area while driving long distances.

The 6 strongest stations in the area can be automatically stored in the FM and AM (A1 to A6) memory levels.

Select the wave band with



Hold and press left or right.

Display



It switches automatically to the FM or AM (A1 to A6) memory level. The 6 currently strongest stations are automatically stored and the station stored in key A1 is then tuned into.



If you do not want to use AUTOSTORE, you can store 6 additional stations individually in the FM and AM (A1 to A6) memory levels, refer to page [20](#). ◀

22 Switching over to CD or cassette

MODE

Keep pressing until the mode display switches over to the desired audio source (CD or cassette). The sound output changes if a CD or cassette is inserted, to

- ▷ CD operation, refer to page [29](#)
- ▷ cassette operation, refer to page [24](#)

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24 Starting and stopping the cassette

Starting

1. Turn the unit on, refer to page [10](#)
2. Insert the cassette into the cassette slot (tape side to the right) until it stops.

Display indication:

A rectangular display area with a dark background. On the left, the text "TAPE 1" is shown in white. On the right, the time "3:42" is shown in white.

If a cassette is already in the cassette slot:

Start the playback with

A rectangular button with a dark background and the word "MODE" in white capital letters.

Keep pressing until "TAPE" appears in the display.

If necessary, select the track with

A rectangular button with a dark background and the word "SIDE" in white capital letters.

Stopping



The cassette is ejected a little from the cassette slot and the unit switches to radio (FM) operation

or

Turn the unit off, refer to page [10](#)

or

Switch to radio or CD, press

A rectangular button with a dark background and the word "MODE" in white capital letters.

until the mode display switches to the desired audio source (radio or CD).

The sound output changes immediately, or when a CD is inserted, to

- ▷ radio operation, refer to page [15](#)
- ▷ CD operation, refer to page [29](#)

Mode displays

If replay quality is distorted, the cause is usually a tape that is dragging.

If the tape in a cassette no longer winds, this message appears in the display:

A rectangular display area with a dark background. On the left, the text "TAPE ERROR" is shown in white. On the right, the time "3:42" is shown in white.

In order to avoid potential damage, press



until the cassette is ejected, taking the cassette out of its slot immediately.

Use a pen to turn one of the two spools to wind tape that might be loose.


Re-insert the cassette into the cassette slot, rewinding the tape all the way forward and back again, so that the tape winds up evenly.

If the message TAPE ERROR appears in the display again, do not use this cassette any more.

Noise suppression

Dolby B or C is a system for noise suppression when playing cassettes.

During recording, high frequencies are amplified. These frequencies are weakened during replay. Since background noise essentially consists of high frequencies that generally occur during playback, noise is reduced as a result.

Dolby and the  symbol are registered trademarks of the Dolby Laboratories Licensing Corporation.

Turning Dolby on/off



Turn on only when using cassettes that were recorded in Dolby B or Dolby C, because otherwise they will sound dull. ◀

DOLBY NR

Press until you receive the best sound quality. It will switch between Dolby B, Dolby C and Dolby off.

The level of noise suppression that has been set will be indicated in the display by "DOLBY B NR", "DOLBY C NR" or "NR OFF".

26 Music selection search

Fast forward/rewind



Either press key twice briefly or once longer

or



At the end, the tape will automatically switch and start playing the other side.

To stop the fast forward mode, select



or



or

another function.

Music search



For a music search, there must be pauses of at least 4 seconds between the individual music selections. ◀

Activating the music search



The tape winds forward to the next music selection. At the end of the tape, the system switches to the other track.

To stop the fast forward mode, select



or



or

another function.

CD changer*

Installation location

The BMW CD changer for 6 CDs is located in the left rear of the luggage compartment.

Removing the CD magazine

Take the CD magazine out of the CD changer to either fill or empty it.

1. Slide the flap to the right




2. Press the button:



The magazine will slide out and can be removed.




Loading/Unloading the CD magazine

 When adding CDs to or removing them from the CD magazine, hold them only at the edge. Do not touch the reflective CD scan side. ◀

The CD compartments are numbered corresponding to the CD selection keys.

Loading:
Insert the CD into the CD compartment with the labelled side up.

Unloading:
As shown in the illustration, pull out the desired slider and remove the appropriate CD.

 It is not recommended to play CD singles with an adapter. The CDs or the adapter could jam. Suitable magazines for CD singles are commercially available. ◀



Inserting the CD magazine

1. Slide the flap to the right
2. With the arrow pointing toward the CD changer, push the CD magazine all the way in
3. Close the flap.

Operating temperatures



Operate the CD changer only at temperatures between 5 °F (–15 °C) and 140 °F (+60 °C).

Operation outside this range may lead to malfunctions.

Even if the unit has been turned off, it should only be exposed to temperatures ranging from –13 °F (–25 °C) to 185 °F (+85 °C). ◀

Humidity

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

Precautions when using laser equipment

The BMW CD changer is a "Class 1" laser product.



Do not remove the cover from the housing. Do not operate the unit with a damaged cover. If you do so, there is a risk of severe eye injury from the invisible laser beams.

Repair or maintenance work must be carried out by qualified service experts only. ◀

Starting and stopping the CD

Starting

MODE

Press this key until the display changes to the CD operating indicator, e.g.:

CD 2-01 3:42

After a few seconds, play will resume at the last interrupted position.



If the CD magazine has been reloaded, replay will start with the CD in the lowest compartment, e.g. CD 1, Title 1. ◀

Stopping

Turn the unit off, refer to page [10](#)

or

Switch to radio or CD, press

MODE

until the mode display switches to the desired audio source (radio or cassette).

The sound output changes immediately, or when a cassette is inserted, to

- ▷ radio operation, refer to page [15](#)
- ▷ cassette operation, refer to page [24](#)

Mode displays

NO DISCS

The magazine is empty.

NO MAGAZINE

No magazine has been inserted.

CD CHECK

The contents of the CD are currently being read in.

HIGH TEMP

Operating temperature is too high. Once normal operating temperature has been reached, play will automatically resume.

30 Music selection search

Selecting CD



Press the key on the left or right for the desired CD number (1...6).

The corresponding CD number will be indicated in the display. Playing will start with the first title. At the end of the last title, the next CD will be selected.

Title search

Select direction, press



until the desired title comes up.

The CD will start playing at the selected title.

Fast forward/reverse

1. Select the direction of play, hold down



The tracks can be heard in distorted quality.

2. To interrupt the fast forward/reverse, release the key.

The CD will start playing at the selected point.

Music selection search

Listening to a sample and selecting a track (Scan)

All of the CD titles will automatically play briefly in succession.

1. Start playing

SC

Display:

CD 2-01 SC 3:42

2. Select the title

SC

The scan function will be interrupted, playing will resume at the point of interruption.

Random Play

The CD music titles are played in random order (Random Play).

Start Random Play

RND

"RND" and the respective title number will show up in the display.



You can still operate the keys for title skip, fast forward/reverse while using random play. If you want, you can skip a title you do not want to listen to. ◀

Stop Random Play

RND

The random play function will be interrupted, playing will resume at the point of interruption.

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Abbreviations

Display	Meaning
1 ... 12/A1 ... A6	Station call numbers in FM and AM memory levels
AM	Amplitude Modulation – Reception AM range
BAL	Balance – Setting volume distribution right/left
BASS	Setting of bass
BC	Onboard computer
CD	Compact disc
CLR	Clear – Revert the settings to mid-level or turn off function
DOLBY B/C NR	Dolby B/Dolby C – Noise Reduction
DSP	Digital Sound Processing – Sound system with studio-sound simulation and equalizer functions
FADR	Fader – Setting volume distribution front/back
FM	Frequency Modulation – Reception FM range
NR OFF	Noise Reduction off
RDS/PTY	Radio Data System/Program type (e.g. news, sports, pop music, etc.) in the FM reception range
RND	Random Play – Random order of music titles on CD
SC	Scan – Listen to station or title sample
SVOL	Speed Volume – Setting of speed-dependent volume
TREB	Treble – Setting of treble



The Ultimate Driving Machine