GRUNDIG

HIFI STEREO MICRO SYSTEM

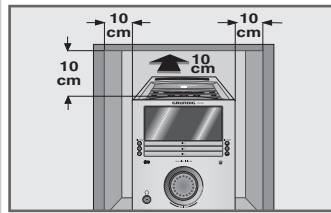## VERTIGA

UMS 5101 CDC

72011 401 4900

CONTENTS

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SET-UP AND SAFETY

Please note the following information when setting up the system:
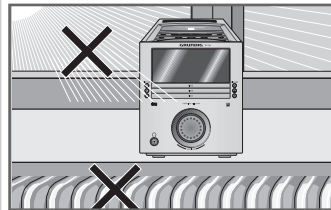
This stereo system is designed for the playback of audio signals. Any other use is expressly prohibited.

If you want to set up the stereo system on wall shelves or in cupboards, please ensure that the device is adequately ventilated. There must be at least 10 cm of space at the side, above and at the back of the device.
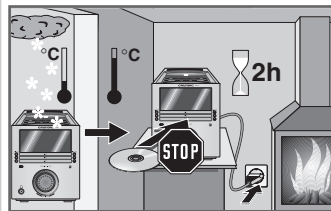
Please note when setting up the stereo system that furniture surfaces are coated with various types of paint and plastic, which often contain chemical additives. These additives may cause corrosion to the feet of the unit. This may leave stains on the surface of the furniture which can be difficult or impossible to remove.

If the stereo system is exposed to sudden changes in temperature, for example when taken from the cold into a warm room, wait at least two hours before using it.

The stereo system is designed for use in dry rooms. If you do use it in the open, please ensure that it is protected from moisture, such as rain or water splashes.

Do not place the stereo system close to heating units or in direct sunlight, as this will impair cooling.
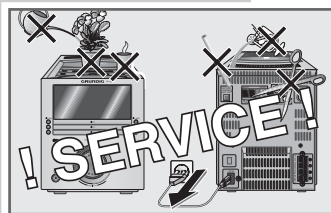
Do not place any vessels such as vases on the stereo system. Do not insert any foreign bodies in the CD compartment.

Do not open the stereo system under any circumstances. The manufacturer will not accept any liability for damage resulting from improper handling.

Thunderstorms are a danger to all electrical devices. Even if the stereo system is switched off, it can be damaged by a lightning strike to the mains or the antenna cable. Always disconnect the mains and antenna plugs during a storm.

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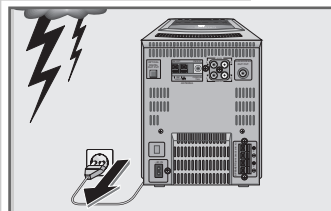
OVERVIEW

Controls on the stereo system

Controls on the front

O	Infrared receiver for remote control signals.
•	Stand-by indicator.
∩	Headphone jack for connecting a stereo headphone set with a jack plug (ø 3.5 mm). The loudspeakers of the stereo system are automatically switched off.
MULTI JOG	Function wheel for various settings.
DISC 1, 2, 3 DISC PLAY ▶	Start playback of CD 1, 2 and 3.
DISC 1, 2, 3 DISC EJECT ▲	Open and close CD compartments 1, 2 and 3.

Controls on the top

⏻	Switches the device into and out of stand-by mode.
TIMER	For setting the switch-on timer; for ending the switch-on timer.
DISPLAY	For calling up various information in the display; activates the time setting.
TIMER SET	For saving the clock and timer settings.

OVERVIEW

– VOLUME +	Adjust the volume.
X-BASS	For boosting the bass.
VOCAL	Switches the VOCAL sound setting on and off.
DSC	Selects the various sound settings.

AUX mode

AUX	Selects the input source »AUX« (external device).

Tuner mode

TUNER/BAND	Selects the input source »TUNER«; selects the frequency bands »FM« or »MW«.
|◄◄ ►►|	Holding down starts the station search; pressing briefly changes the frequency in small steps.

CD mode

|	
CD► II	Selects the »CD« input source; starts and interrupts CD playback.
■	Ends CD playback; pressing twice deletes a track memory.
►►|	Press briefly to select the next track. Hold down to look for a particular passage.
|◄◄	Press briefly to return to the beginning of the current track. Hold down to look for a particular passage.
ALL EJECT	Opens and closes all CD compartments.

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OVERVIEW

The display on the stereo system
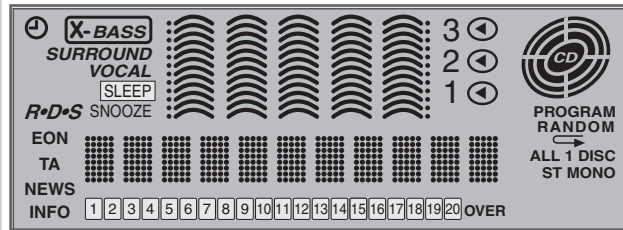
〰	Show the level of the input source.
X-BASS	Indicates that the bass is boosted.
SURROUND	Surround sound is activated.
VOCAL	The VOCAL sound setting is activated.
FM 100.60MHz	Displays the waveband and the frequency (MHz for FM, kHz for MW).
FANTASY	Displays the name of an RDS channel.
R•D•S	Indicates that an RDS channel is being received.
P 3 ³	»P 3« flashes when a radio station is stored on a preset position.
⁵	Displays the preset position of the current radio station.
EON	Indicates that an RDS station with EON (Enhanced Other Network) is being received.
TA	The EON function for traffic announcements is activated.
NEWS	The EON function for news is activated.
INFO	The EON function for messages and reports is activated.
ST	Indicates stereo reception.
MONO	Indicates mono reception.
RT	Indicates that an RDS station with "Radiotext" is being received.

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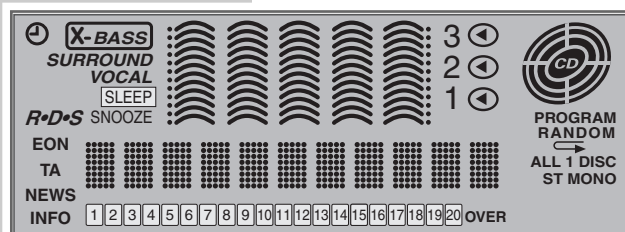
2 ◀	Show the number of the CD ready for playback.
CD 24 74.59	Shows the total number of tracks and the total playing time of a CD.
(CD icon)	Indicates CD playback.
1 2 3 4 5	Music calendar: indicates the number of CD tracks in Stop position and the remaining tracks during playback; shows the tracks stored in a track memory.
OVER	Indicates that a CD has more than twenty tracks.
PROGRAM	Indicates that a track memory is being created or played back.
RANDOM	Indicates that CD tracks are played back in random order.
⟶	Indicates that a CD track is being repeated.
⟶ 1 DISC	Indicates that a CD is being repeated.
⟶ ALL	Indicates that all CDs are being repeated.
⏱	The switch-on timer is activated.
SLEEP	The sleep timer is activated.

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The back of the stereo system

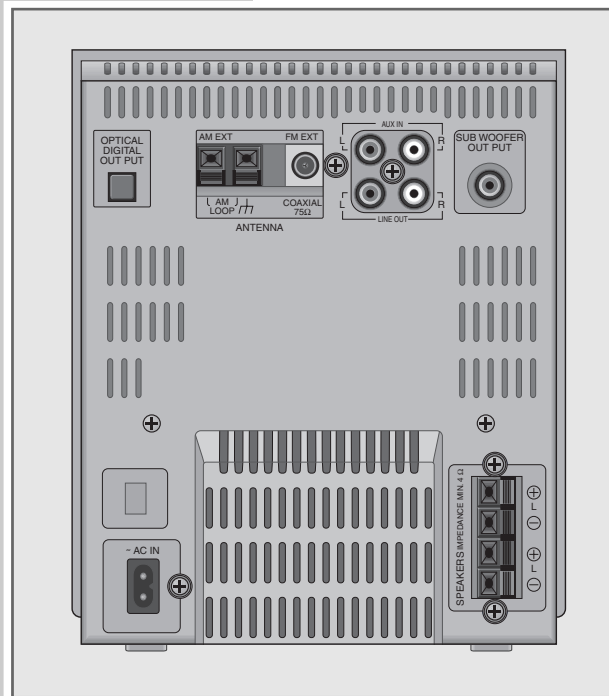|	
FM EXT	Antenna socket for the rooftop antenna or the supplied wire aerial.
AM EXT	Aerial terminals for the wire antenna supplied.
OPTICAL DIGITAL OUT	Digital output for copying a CD onto a digital recording device.
R AUX IN L	Audio signal input for an external device.
R LINE OUT L	Unregulated audio signal output for an external device.
SUBWOOFER OUTPUT	Output for connecting an active subwoofer.
SPEAKERS ⊕R⊖ ⊕L⊖	Connections for the loudspeakers supplied. **R** = right channel, **L** = left channel.
~ AC IN	Socket for power cord. The only way to separate the stereo system from the mains is to pull out the mains plug.

General instructions for laser devices

The laser installed in the device conforms to LASER CLASS 1 and is designed to ensure that the maximum permissible emission value cannot be exceeded under any circumstances.

Caution:
If operating devices or methods other than those specified here are employed, it may lead to dangerous exposure to emissions. Invisible laser radiation is emitted if the CD compartment is opened or the safety locking mechanism is shorted. Do not expose yourself to this radiation.

The remote control

☾	Switches the stereo system into and out of stand-by mode.
SLEEP	For activating and setting the sleep timer.
DIMMER	Switches the display between three brightness levels.
X-BASS	For boosting the bass.
DSC	Selects the various sound settings.
VOCAL	Switches the VOCAL sound setting on and off.
CT	In tuner mode: switches surround sound on and off.
PTY/EON	In tuner mode: activates the search for program types; calls up the EON (Enhanced Other Network) functions.
FM MODE	In tuner mode: switches between stereo and mono reception.
AUTO PRESET	In tuner mode: starts the automatic search programming.
REPEAT	In CD mode: repeats a track, the entire CD or all CDs.
RANDOM	In CD mode: activates the playback of tracks in random order.
DISC 1, 2, 3	In CD mode: select and start CD 1, 2 or 3.
DISPLAY	In tuner mode: for calling up various information in the display. In CD mode: switches between CD mode and the time.

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|	
PROGRAM UP/DOWN	In tuner mode: for step-by-step selection of stored radio stations. In CD mode: for selecting CD tracks in order to create a track memory.
SET	In tuner mode: for manually storing radio stations. In CD mode: for storing CD tracks in order to create a track memory.
+10 UP	In CD mode: selects tracks in steps of ten when creating a track memory.
PROGRAM	In CD mode: for creating a track memory; calls up an existing track memory.
AUX	Selects the »AUX« input source.
CD ▶II	Selects the input source »CD«; in CD mode: starts CD playback, pauses playback.
BAND/TUNER	Selects the input source »TUNER« and selects the frequency bands »FM« or »MW«.
I◀◀ ▶▶I	In tuner mode: press briefly to change the frequency in small steps. Hold down to start the station search. In CD mode: press briefly to select a track. Hold down to search for a particular passage.
■	In CD mode: ends playback of the CD.
+ VOLUME −	Adjust the volume.

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CONNECTION AND PREPARATION

Connecting the antenna

1 Insert the rooftop antenna in the antenna socket »**FM EXT**« on the stereo system.

Note:
If no rooftop antenna is available, use the auxiliary aerial supplied. This aerial provides reasonably good reception of local FM (VHF) stations.
Do not shorten the auxiliary antenna.

2 Insert the wire frame antenna into the »**AM EXT**« terminals on the stereo system. Adjust the position of the wire aerial until reception is at its best.
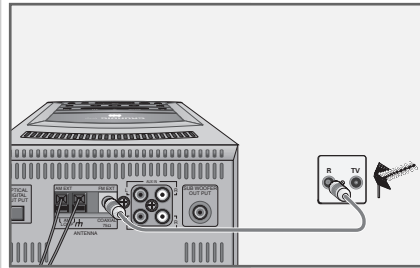
Connecting the loudspeakers

1 Connect the loudspeaker cables to the »**SPEAKERS ⊕R⊖ ⊕L⊖**« terminals on the stereo system and the »**+ INPUT –**« terminals on the loudspeakers. Connect the cables labelled in red to »**+**«.
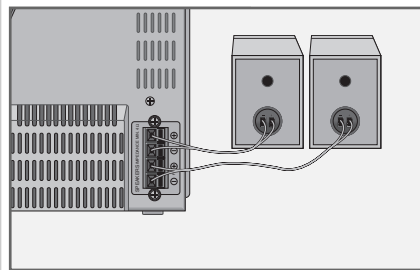
Connecting an external device

1 Connect the audio output sockets of the external device (for example, a television or DVD player) to the »**AUX IN**« sockets on the stereo system using a cinch cable.

2 Use cinch cables to connect the audio input sockets of the external device (e.g. a cassette recorder) to the »**R LINE OUT L**« sockets on the stereo system.

Note:
Switch off the stereo system when connecting external devices. Make sure the stereo channels are properly connected:
R = right channel (red), **L** = left channel (white).
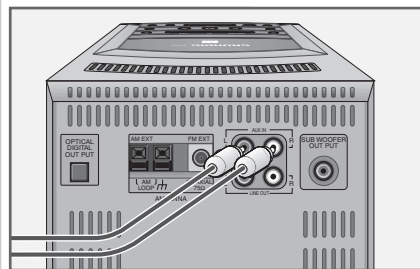
CONNECTION AND PREPARATION

Connecting a digital recording device

1 Connect the »**DIGITAL OPTICAL OUT**« socket on the stereo system to the appropriate socket on the external device (e.g., MD or CDR) with an OPTICAL cable.

Note:
This socket enables you to record CD playback with a digital recording device.
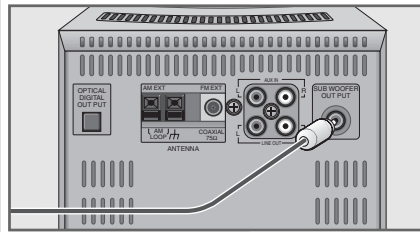
Connecting a sub-woofer

1 Plug a standard cinch cable into the »**SUBWOOFER OUTPUT**« socket on the stereo system and into the appropriate sockets on the subwoofer.

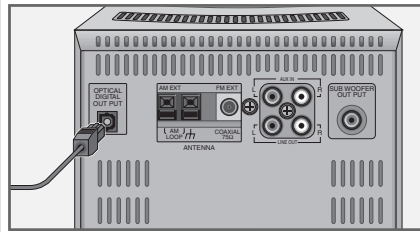### Connecting headphones

1 Insert the headphone plug (ø 3.5 mm) into the »🎧« socket on the front of the stereo system.
   – The loudspeakers of the stereo system are switched off.
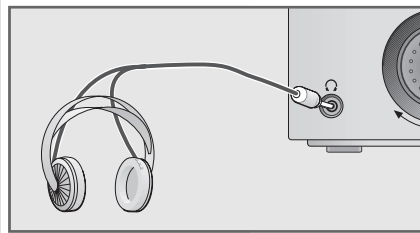
Connecting the mains cable

Note:
Check that the mains voltage on the type plate (on the back of the device) corresponds to your local mains supply.
The only way to disconnect the device from the mains supply is to pull out the plug.

1 Plug the mains cable supplied into the »~ **AC IN**« socket on the device.

2 Insert the power cord plug in the socket.
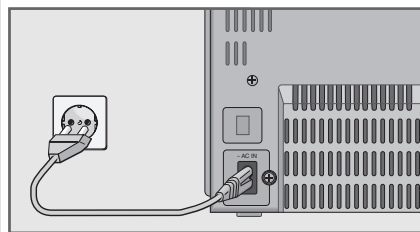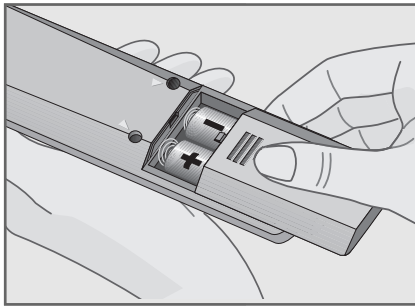
Inserting batteries in the remote control

1 Open the battery compartment by pushing down the lid of the battery compartment.

2 When inserting the batteries (Mignon type, for example AA, R6, UM3), observe the polarity marked on the base of the battery compartment.

Note:
If the device no longer reacts properly to remote control commands, the batteries may be flat. Always remove flat batteries. No liability is accepted for damage resulting from leaking batteries.

Environmental note:
Batteries, including those which are free of heavy metal, must not be disposed of with household waste. Please dispose of used batteries in an environmentally sound manner. Observe the legal regulations which apply in your area.

SETTINGS

Setting the clock

Setting the time manually

The time can be manually set while the device is in operation.

```
16:43
```

1 Press and hold down »**DISPLAY**« on the device.
– Display: the time, with the hours flashing.

```
18:43
```

2 Set the hour with the »**MULTI JOG**« function wheel and confirm with »**TIMER SET**«.
– Display: the minutes flash.

```
18:57
```

3 Set the minutes with the »**MULTI JOG**« function wheel and confirm with »**TIMER SET**«.
– Display: the current time.

4 You can display or conceal the time by pressing »**DISPLAY**« while the device is on.

Note:
You must reset the time after a power failure or when the mains plug is pulled out.

Automatically updating the time

Some RDS stations offer RDS time information. This function enables you to automatically update the time on the device in RDS mode.

```
CT ON
```

1 Press »**CT**« on the remote control in tuner mode to switch the RDS time synchronisation on and off.
– Display: »CT ON« or »CT OFF«.

Note:
The time display is transmitted by the station once a minute. You must receive the RDS station for several minutes before the time information can be transferred to the stereo system (see also page 20).

SETTINGS

Tuning to radio stations ...

... with the automatic station search

With the activation of this function, the device automatically searches for the first signals it receives on the FM and MW bands. You can store up to thirty-five radio stations (twenty FM and fifteen MW).

1 Press »**TUNER/BAND**« to switch on the device.
– Display: The frequency band (»FM« or »MW«) and the frequency.

2 Select the frequency band (FM or MW) by pressing the »**TUNER/BAND**« button.

3 Hold down the »**AUTO PRESET**« button on the remote control to activate the station search.
– Display: the preset position indicators »²« flash in succession, and the frequency is displayed continuously.

Note:
The stations previously stored on the preset positions are deleted.

FM87.50MHz

FM87.70MHz
²

ENGLISH

```
FM87.50MHz
```

... with the manual search

1 Press »**TUNER/BAND**« to switch on the device.
– Display: The frequency band (»FM« or »MW«) and the frequency.

2 Select the frequency band (FM or MW) by pressing the »**TUNER/BAND**« button.

3 Press »|◀◀ « or » ▶▶| « to tune to the required station. Hold down »|◀◀ « or » ▶▶| « to start a search for the next radio station, or briefly press »|◀◀ « or » ▶▶| « to change the frequency in small steps.

```
SET
```

4 Tune to the station you want and then briefly press »**SET**« on the remote control.
– Display: »SET« flashes.

```
P 8
8
```

5 Select the preset position with »**PROGRAM UP/DOWN**« on the remote control.
– Display: e.g. »P 8« flashes.

```
STORED
8
```

6 Press »**SET**« on the remote control to store the station.
– Display: »STORED«, then frequency band and frequency or the station name, along with the preset position, e.g. » 8 «.

7 To store more stations, repeat steps **3** to **6**.

```
RADIO Z
8
```

Note:
If a station transmits RDS information, the stereo system will store its name.
– Display: e.g. »FM 95.70«, followed by the station name.

Deleting stations

Stored stations are deleted if you
– re-start the automatic station search;
– assign new stations to individual preset positions.

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GENERAL FUNCTIONS

```
FANTASY
        9
```

Switching on and off

1 Switch the stereo system on out of stand-by mode by pressing » ⏻ «.
– Display: Briefly, »HELLO«.
– The last input source used is automatically selected.

Note:
The following buttons on the device can also be used to switch on the stereo system:
»**TUNER / BAND**« – Tuner mode
»**CD ▶ II**« – CD mode
»**AUX**« – External device mode

```
GOOD BYE
```

2 To switch the stereo system to stand-by mode, press » ⏻ «.
– Display: briefly, »GOOD BYE«, then the red stand-by indicator.

Note:
The only way to separate the stereo system from the mains supply is to pull the plug.

Selecting the input source

1 Select the input source by pressing »**TUNER / BAND**«, »**CD**« or »**AUX**« on the device or on the remote control.
– Display :»FM 87.50«, e.g. »CD I«or »AUX«.

```
CD  I
```

Adjusting the volume

1 Adjust the volume with the »**– VOLUME +**« buttons.
– Display: briefly, »VOL « (from »0 « to »50«).

```
VOLUME      I4
```

Adjusting the brightness of the display

1 Use »**DIMMER**« on the remote control to switch between the three brightness levels.

Sound settings

You can select between seven different sound settings:
You can select between "FLAT", "LIVE", "PHANTOM", "EXCITE", "POP", "BEAT", according to the type of music you are listening to.

```
SURROUND
    VOCAL
EXCITE
```

1 Select the sound setting with »**DSC**«.
 – Display: »FLAT«, »LIVE«, »PHANTOM«, »EXCITE«, »POP«, »BEAT« or »CLEAR«.

Note:
When using the sound settings "LIVE", "PHANTOM" and "EXCITE", the settings »*SURROUND*« (surround sound) and »*VOCAL*« are automatically activated. The »*VOCAL*« setting can be de-activated by pressing »**VOCAL**« (display: briefly, »VOCAL OFF«).

Selecting the VOCAL sound setting

```
SURROUND
    VOCAL
    VOCAL ON
```

1 Select the sound setting by pressing »**VOCAL**«.
 – Display: »*VOCAL*« and, briefly, »VOCAL ON«.

```
SURROUND
    VOCAL OFF
```

2 Switch off the sound setting by pressing »**VOCAL**«.
 – Display: briefly, »VOCAL OFF«; »*VOCAL*« disappears.

Note:
Activation of VOCAL deletes the sound settings »FLAT«, »POP«, »BEAT« and »CLEAR«.

Boosting the bass

```
X-BASS
```

1 Press »**X-BASS**« to switch the bass boost on or off.
 – Display: » X-BASS «.

TUNER MODE

RADIO Z
8

Selecting the tuner input source

1 Select the input source using the »**TUNER/BAND**« button.
– Display: the most recently selected radio station.

Selecting the preset position

1 Select the frequency band (FM or MW) by pressing the »**TUNER/BAND**« button.

2 Select a preset position step by step with the »**MULTI JOG**« function wheel on the device or with »**PROGRAM UP/DOWN**« on the remote control.
– Display: Preset position, e.g. » 4 « then e.g. »FM 87.50« or the station name.

BAYERN 4
4

Stereo/mono reception

If the device is receiving an FM stereo station, »ST« appears in the display. However, if the signal from the FM stereo station is weak, you can improve the sound quality by switching to mono reception.

ENERGY MONO
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1 Press »**FM MODE**« on the remote control to switch to mono reception.
– Display: »MONO«.

2 To switch back to FM stereo, press »**FM MODE**« on the remote control.
– Display: »ST«.

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RDS station service and program types (PTY)

RDS (Radio Data System) is an information system which is transmitted additionally by most FM stations.

If the device is currently receiving an RDS station, it displays the station name, for example »FANTASY«, and »**R•D•S**«.

R•D•S FANTASY ST
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Note:
It may take some time before all the RDS information is available.

Calling up RDS information

1 Press »**DISPLAY**« repeatedly on the remote control.
– The display first shows the station type (PTY), then the Radiotext, then the RDS synchronisation, the frequency, the time and finally the station name again. However, not every RDS station transmits all this information.

RDS time

If the RDS time information is transmitted via an RDS station, the time is set automatically.

CT ON

1 Call up RDS time synchronisation by pressing »**CT**« on the remote control.
– Display: e.g. »CT ON«.
– The RDS time synchronisation is activated.

CT OFF

2 If you wish, you can switch off the RDS time synchronisation by pressing »**CT**« on the remote control.
– Display: briefly, »CT OFF«.

Note:
The time display is updated every minute. You must receive the RDS station for several minutes before the time information can be transferred to the device. However, not every RDS station transmits the time signal.

Radiotext

Some RDS stations offer Radiotext as additional information. Radiotext appears as ticker text in the display. As this information is transmitted character by character, it may take some time before the text is received in full.

```
RT
```

```
Hoerertelefon
```

1 To call up Radiotext, press »**DISPLAY**« until »RT« appears in the display.
– The information appears after a short time.

Note:
If reception is poor there may be gaps in the "Radiotext" message.
If the station does not provide Radiotext, »NO RT« appears in the display.

Program types (PTY)

Many RDS stations transmit a program type code (PTY) along with the radio program currently being broadcast. If an RDS station is received, the program type can be briefly called up in the display.

1 Select the desired RDS station directly with »**PROGRAM UP/DOWN**« on the remote control.

2 To call up the program type, press the »**DISPLAY**« button once.
– The current program type is displayed.

```
Pop M
```

Note:
If no program type code is transmitted, »NONE« (no code) appears in the display.

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```
PTY SELECT
```

```
Classics
```

```
SEARCH
```

```
NOT FOUND
```

```
R•D•S BAYERN 4  ST
EON
  4
```

```
EON SELECT
```

```
NEWS    News
```

Searching for program types

1 Call up the PTY search function by pressing »**PTY/EON**« on the remote control.
  – Display: »PTY SELECT«.

2 Select the program type using » |◀◀ « or » ▶▶| « on the remote control.
  – Display: e.g. »Classics« flashes.

3 To start the search function again, press »**PTY/EON**« on the remote control.
  – Display: alternately, »SEARCH« and, for example, »CLASSICS«.
  – A channel position with the desired program type is searched for.
  – If an appropriate channel position is not found, »NOT FOUND« appears briefly in the display. The device returns to the most recently selected radio station.

The EON (Enhanced Other Network) function

The EON (Enhanced Other Network) function is an additional RDS service which automatically switches over to stations with traffic news (TA), news (NEWS) or information (INFO) for a brief period. The EON function only works when an RDS station which offers EON is being received. If this is the case, »EON« appears in the display next to »**R•D•S**«.

Activating the EON function

1 When receiving an RDS station, press »**PTY/EON**« twice on the remote control.
  – Display: »EON SELECT«.

2 Select the EON data type using » |◀◀ « or » ▶▶| « on the remote control.
  – Display: »TA«, »TA« flashes; »NEWS«, »NEWS« flashes; or »INFO«, »INFO« flashes.

R•D•S BAYERN 4 ST
EON
NEWS   4

R•D•S BAYERN 3 ST
EON
NEWS   3

EON SELECT

OFF

3 To confirm the selected setting press »**PTY/EON**« again on the remote control.
– Display: »TA«, »NEWS« or »INFO«.
– The EON function is activated. If another RDS station in the chain offers the selected EON data type, the EON function automatically switches to this station. In the display »TA«, »NEWS« or »INFO« flashes. When transmission of the selected EON data type is finished, »EON END« appears in the display and EON switches to the most recently selected station.

Switching off the EON function

1 To call up the EON function, press »**PTY/EON**« twice on the remote control.
– Display: »EON SELECT«.

2 Keep pressing »|◀◀ « or »▶▶| « on the remote control until »OFF« appears in the display.
– The EON function is switched off.

Note:
The EON function is also switched off when you select another input source (CD, AUX).

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CD MODE

Basic CD mode functions

COMPACT disc DIGITAL AUDIO

The stereo system is suitable for music CDs displaying the logo shown here or for CD-Rs with audio data.

Always keep the disc compartment closed to prevent dust from collecting on the laser optics. Do not attach adhesive labels to CDs. Keep the surfaces of CDs clean. Normal 12 cm CDs as well as 8 cm CDs can be played back. An adapter is not required.

Selecting the CD input source

`2 ◁`
`CD 2`

`NO DISC`

`CD 10 45:49`
`1 2 3 4 5 6 7 8 9 10`

1 Select the input source using the »**CD ▶ II**« button.
- The device checks the currently selected CD compartment. In the display, e.g. »CD 2« flashes; the CD compartment indicator shows the corresponding CD number, e.g. »2 ◁«.
- If there is no CD in the compartment, »CD NO DISC« appears in the display.
- If a CD has already been inserted, »CD 2« flashes, for example, then the number of tracks and the total playing time appear. The corresponding CD number appears in the CD compartment display, e.g. »2 ◁«. In addition, all the tracks on the CD are shown in the music calendar (if the CD has more than 20 tracks, »OVER« appears additionally in the number field.)

Inserting CDs

The CD player can accommodate up to three CDs at the same time. You can play the CDs individually or one after the other. Additionally, specially chosen titles from the 3 CDs can be played back in any desired order.

1 Open the CD compartment by pushing »**DISC 1 DISC EJECT ▲**« on the device.

2 Insert the desired CD in the compartment with its label facing upwards.

3 Press »**DISC 1 DISC EJECT ▲**« on the device to close the CD compartment.
- The CD, the number of tracks and the total playing time appear in the display.

4 To insert a CD in CD compartments 2 and 3, repeat steps **1** to **3**;

or

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```
CD ALL OPEN
```

1 Open all CD compartments by pressing »**ALL EJECT**« on the device.
– Display: »CD ALL OPEN«.

2 Insert the desired CDs in the compartment with the labels facing upward.

3 To close the CD compartments, press »**ALL EJECT**« on the device.
– Display: the number of the most recently played CD flashes, for example »CD 3«, then the number of tracks and the total playing time appear. The corresponding CD number appears in the CD compartment indicator, for example »3 ◀ «.

Playing back one CD

1 If more than one CD is inserted, select the CD you wish to play with »**DISC 1/2/3 DISC PLAY**« on the device or »**DISC 1 DISC 2 DISC 3**« on the remote control.
– Playback of the selected CD starts automatically.
– Display: »CD«, the current track number and the elapsed playing time of the track; the number of tracks remaining appears in the music calendar.

```
CD 5 0:49
      5  6  7  8  9  10
```

CD playback

1 Press »**CD ▶ II**« to start playback.
– Playback begins with the first track from »CD 1«.
– Display: »CD«, the current track number and the elapsed playing time of the track; the number of remaining tracks appears in the music calendar.
– Playback stops at the end of »CD 3«.

Note:
If no CD is present in CD compartment 1, start playback by pressing »**DISC 2 DISC PLAY**« on the device or »**DISC 2**« the remote control.

```
CD 6 1:57
      6  7  8  9  10
```

2 To pause playback, press » **CD ▶ II**«.
– Display: the elapsed playing time of the track flashes.
– To resume playback, press »**CD ▶ II**«.

3 Press »■« to end playback.

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CD MODE

Replacing individual CDs

You can replace a CD which is currently not being used during playback.

1 Open the compartment of the unused CD by pressing, e.g., »**DISC 1 DISC EJECT ▲** « on the device.
– CD compartment 1 opens.

2 Replace the inserted CD.

3 To close the CD compartment, press »**DISC 1 DISC EJECT ▲** « on the device.

Querying track playing times

1 While the device is stopped, keep pressing » ▶▶| « on the remote control until the number of the track you want to hear appears in the display.
– Display: the playing time of the track flashes.

2 Press » ▶▶| « repeatedly on the remote control to switch from the current to the following CD.

3 Press » |◀◀ « repeatedly on the remote control to return to the starting point, for example track 1 (CD 1).

```
CD  6  5:08
        6  7  8  9  10
```

Selecting a different track

1 To select a previous or subsequent track on the current CD during playback, press » |◀◀ « or » ▶▶| « repeatedly on the remote control until the number of the desired track appears in the display.
– Playback of the track starts automatically.

Repeating the current track

1 During playback, press » |◀◀ « on the remote control.
– The track is repeated from the beginning.

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Special CD mode features

Searching for a passage within a track

1 During playback, press »|◀◀« or »▶▶|« on the remote control and hold it down until you find the desired passage.
Playback begins as soon as you let go of the »|◀◀« or »▶▶|« button.

Note:
During the search, the volume is reduced.

Playing back tracks in random order

1 Select this function when the device is stopped by pressing »**RANDOM**« on the remote control.
  – Display: »RANDOM«.
  – Playback starts automatically.
  – The tracks on the CD are played back in random order.
  – If more than one CD is inserted, the tracks from all the CDs are played back in random order.

2 To end this function, press »■«.
  – The »RANDOM« indicator disappears.

Note:
If you press »**REPEAT**« on the remote control while you are in RANDOM mode, a new selection starts when the current random selection is over.

```
CD  IO  45:49 RANDOM
1 2 3 4 5 6 7 8 9 10
```

```
CD  IO  45:49
1 2 3 4 5 6 7 8 9 10
```

```
CD  IO  45:49 RANDOM
1 2 3 4 5 6 7 8 9 10  ALL
```

Repeating a track (Repeat One)

1 Select the desired track using »|◀◀ « or » ▶▶| « on the remote control.

2 Select the Repeat function by pressing »**REPEAT**« once on the remote control.
  – Display: »⟲⟶«.

`CD 3 1:12 ⟶`
`3  4  5  6  7  8  9  10`

3 Press »**CD ▶ II**« to start playback.
  – The track is repeated.

4 To terminate the function, press »**REPEAT**« on the remote control three times.

Note:
The Repeat function can be employed when the CD is in "Stop" position as well as during playback. The track currently being played back is then repeated.

Repeating all tracks on a CD (Repeat Disc)

1 Select the Repeat function by pressing »**REPEAT**« twice on the remote control.
  – Display: »⟶ 1 DISC«, all of the tracks are repeated.

`CD 4 0:36 ⟶1 DISC`
`4  5  6  7  8  9  10`

2 To terminate the function, press »**REPEAT**« twice on the remote control.

Repeating all the inserted CDs (Repeat All)

1 Select the Repeat function by pressing »**REPEAT**« on the remote control three times.
  – Display: »⟶ ALL«, the tracks on all the CDs are repeated.

`CD 7 3:42 ⟶ALL`
`7  8  9  10  11  12`

2 To terminate the function, press »**REPEAT**« once on the remote control.

Playing back tracks in selected order – creating a track memory

You can create a track memory of up to 20 tracks for the current CD in any order you choose and then play them back in that sequence. The same track may be saved more than once.

Selecting and storing tracks and playing back the track memory

1 Insert CDs in the CD compartments.

Note:
The stereo system must be in stop mode.

```
        3 ◀      PROGRAM
CD  ──     P  ──
```

2 Select the function by pressing »**PROGRAM**« on the remote control.
– Display: »PROGRAM« and »CD ── P ──«.

```
        3 ◀      PROGRAM
CD  I     P  ──
```

3 Select the desired CD with »**DISC 1/2/3**« on the remote control.
– Display: e.g. »3 ◀«, »PROGRAM« and »CD I P ──«.

```
        3 ◀      PROGRAM
CD  3     P  ──
```

4 Select the desired track using »**PROGRAM UP/DOWN**« and, if required, »**+10 UP**« on the remote control.
– Display: e.g. »CD 3« and »P ──«.

```
        3 ◀      PROGRAM
CD 3     P 0I
```

5 Press »**SET**« to confirm.
– Display: »CD 3« and »P 0I« (for memory position 1); »3« appears in the music calendar.

Note:
To save more tracks, repeat steps **3** to **5**.

6 To start playback of the track memory, press »**CD ▶ II**«.
– Playback begins with the first stored track.

Checking the track memory

1 When the CD is in the "STOP" position, the programmed tracks can be called up with »**PROGRAM**«.
– Display: the programmed tracks are displayed in succession.

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Adding more tracks

1 During playback of track memory, press »∎«.

2 Select the desired track using »**PROGRAM UP/DOWN**« on the remote control.
– Display: e.g. »CD 8« and »P 15«.

```
        2 ◄      PROGRAM
CD 8    P 15
```

3 Press »**SET**« to confirm your entry.
– Display: »CD 8« and »P 16« (for memory position 16); » 8 « appears in the music calendar.

```
        2 ◄      PROGRAM
CD 8    P 16
```

Repeating the track memory

1 During playback, press »**REPEAT**« once on the remote control.
– Display: » ⟶ «.
– The current track is repeated.

```
CD 3  1:12        ⟶
  3   6      9 10          14
```

2 During playback, press »**REPEAT**« twice on the remote control.
– Display: » ⟶ ALL«.
– All of the programmed tracks are repeated.

```
CD 7  3:42        ⟶
                  ALL
  3   6      9 10          14
```

Deleting the track memory

The track memory is deleted when you:

– press »∎« when the CD is in "STOP" position
– press »**DISC EJECT ▲** « on the device to open one of the CD compartments
– press » ⏻ « to switch off the device.

TIMER MODE

Your stereo system has two timer modes:
– The switch-on timer, which switches the stereo system on and off at a pre-set time.
– The sleep timer, which switches the stereo system off at a pre-set time.

Switch-on timer

Setting the switch-on timer

Note:
You can only perform this setting when the device is on.
The clock on the device must already be set.

```
🕐
FM 87.50MHz
```

1 Press »**TIMER**« on the device.
– Display: »🕐«.

```
🕐
ON      0:00
```

2 Press »**TIMER SET**« on the device.
– Display: »🕐«, »ON«, the hours display flashes.

```
🕐
ON      6:00
```

3 Set the switch-on time with the »**MULTI JOG**« function wheel and press »**TIMER SET**« to confirm.
– Display: »🕐«, »ON«, the minutes display flashes.

```
🕐
OFF     0:00
```

4 Set the minutes for the switch-on time with the »**MULTI JOG**« function wheel and press »**TIMER SET**« to confirm.
– Display: »🕐«, »OFF«, the hours display flashes.

```
🕐
OFF     7:00
```

5 Set the switch-on time with the »**MULTI JOG**« function wheel and press »**TIMER SET**« to confirm.
– Display: »🕐«, »OFF«, the minutes display flashes.

```
🕐
     TUNER
```

6 Set the minutes for the switch-off time with the »**MULTI JOG**« function wheel and press »**TIMER SET**« to confirm.
– Display: »🕐«, the current program type flashes, e.g. »TUNER«.

```
⏱
VOLUME        15
```

7   Select the desired input source (»CD«, »TUNER« or »AUX«) with the »**MULTI JOG**« function wheel on the device and press »**TIMER SET**« to confirm.
– Display: »VOLUME«, e.g. » 15« flashes.

8   Select the desired volume (»VOLUME 0« to »VOLUME 50«, then »VOLUME--«) with the »**MULTI JOG**« function wheel on the device and press »**TIMER SET**« to confirm.

Note:
If you select »VOLUME 0...50«, the alarm volume increases gradually until reaching the set volume. If you select »VOLUME--«, the device switches on at the most recently selected volume.

9   If you select »TUNER«, select your preferred radio station before switching off the device.

10   Press » ⏻ « to switch the device to stand-by mode.
– The unit automatically switches on and off again at the set time.

Note:
If you switch the stereo to stand-by during the activation period by pressing » ⏻ «, the alarm setting remains intact for the following day.

Deactivating the switch-on timer

```
BAYERN 4
```

1   To deactivate the alarm, press »**TIMER**« on the device while it is on.
– Display: »⏱« disappears.
– The alarm is deactivated.

Sleep timer

```
SLEEP        30
```

```
SLEEP        90
```

```
SLEEP        58
```

Setting the sleep timer

1 Press» ⏻ « to switch on the device.

2 Select the function by pressing »**SLEEP**« on the remote control.
   – Display: »SLEEP«, »30« flashes.

3 Enter the required time (in 30 minute intervals from 30 to 120 minutes) by pressing »**SLEEP**«.
   – Display: » SLEEP «. The brightness of the display is reduced to its lowest level.
   – The stereo system switches off after the selected time has elapsed.
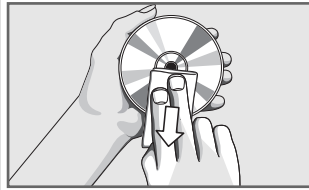
Note:
To check how much playing time remains, press »**SLEEP**« once.

Ending the sleep timer

1 To switch off the sleep timer, switch off the device with » ⏻ « or keep pressing »**SLEEP**« on the remote control until »SLEEP« disappears from the display (in which case the device remains switched on).

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INFORMATION

Cleaning the CD unit

If the device is unable to scan CDs perfectly, use a standard, commercially available cleaning CD to clean the laser optics. Other cleaning methods may damage the laser optics.

To clean CDs use a lint-free cloth and wipe them in a straight line from the centre of the disc outwards.

Do not use cleaning fluid for vinyl records or other solvents or scouring agents.

Always keep the CD compartment closed to prevent dust from collecting on the laser optics.

Technical data

This device is noise-suppressed according to the applicable EU directives.

This product fulfils the European directives 89/336/EEC, 73/23/EEC and 93/68/EEC.

This device conforms to the safety regulation DIN EN 60065 (VDE 0860) and therefore the international safety regulation IEC 60065.

Amplifier unit
Output:
Sine wave power 2 x 15W
Music signal power 2 x 25W

Input sensitivity/ impedance
400 mV/22 kΩ

Receiver unit
Reception range
FM 87.5 ...108.0 MHz
MW 522 ... 1629 kHz

CD unit
Frequency response
20 Hz ... 20 kHz

Noise-voltage ratio:
(wtd.) > 90 dB

System
Power supply:
Operating voltage 230 V~
Mains frequency 50/60 Hz
Max. power consumption 75 W
Power consumption in stand-by
< 2 W

Dimensions and weight
Device dimensions
W x H x L 188 x 230 x 269 mm
Device weight 4.65 kg
Loudspeaker dimensions
W x H x L 170 x 225 x 192 mm
Weight per speaker 1.85 kg

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Additional information for units sold in the UK.

Units sold in the UK are suitable for operation from a 240V ac, 50Hz mains supply.
The range of multi-system receivers is built to work in most European countries. However, the mains plug and socket system for the UK differs from many European countries.
This appliance has been supplied with a fitted, non-removable, approved converter plug for use in the UK. This converter plug is fitted with a 5A rated fuse.

In case this appliance is supplied with a moulded 2-pin Euro plug only, which is unsuitable for UK operation, this must be cut off and immediately disposed of. An approved 13A, 3-pin UK plug should then be fitted by a qualified electrician.

Note:
The severed Euro plug must be destroyed to avoid a possible shock hazard should it be inserted into a socket elsewhere.

If a non-rewireable 3-pin plug or a rewireable 13A (BS1363) 3-pin plug is used, it must be fitted with a 5A ASTA or BSI approved BS1362 fuse. If any other type of plug is used it must be protected by a 5A fuse either in the plug, or at the distribution board. If this type of plug becomes defective, ensure that the fuse is removed before disposal, to eliminate potential shock hazard.

If it is necessary to change the fuse in the non-rewireable plug, the correct type and rating (5A ASTA or BSI approved BS1362) must be used and the fuse cover must be refitted. If the fuse cover is lost or damaged, the lead and plug must not be used until a replacement is obtained. Replacement fuse covers should be obtained from your dealer.

Important:
The wires in the mains lead are colour coded in accordance with the following code:
BLUE – NEUTRAL
BROWN – LIVE
As the colours of the wires in the mains lead of your appliance may not correspond with the coloured marking identifying terminals in your plug, proceed as follows:

Connect the BLUE coloured wire to plug terminal marked with the letter "N" or coloured black.
Connect the BROWN coloured wire to the plug terminal marked with the letter "L" or coloured red.
In no circumstance must any of the wires be connected to the terminal marked with the letter "E", earth symbol "⏚", coloured green, or green & yellow.

Replacement mains lead sets can be obtained from your local dealer, or by contacting Grundig Consumer Relations (01788 570088)
Moulded 3-pin lead set, suitable for UK use:
      Ref: Leadset UK   8290-991-224
Moulded 2-pin Euro lead set, not suitable for UK use:
      Ref: Leadset Euro   8290-991-316

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Rectifying minor problems

Not every kind of sound interference is caused by a defect in your stereo system. Impairment can also be caused by leads having been accidentally pulled out, damaged CDs and worn out batteries in the remote control. If the following measures do not bring about satisfactory results, consult an authorised dealer.

Fault	Possible cause/remedy
No sound.	The volume setting is too low – increase the volume. The headphones are plugged in – disconnect the headphones. The power cord is incorrectly connected. Connect it properly. Mute is activated
The system does not respond when buttons are pressed.	Static electrical discharge. Switch off the device – disconnect the power cable and plug it in again after a few seconds
The remote control does not work.	The batteries are flat – replace the batteries. The remote control is out of range of the stereo.
Poor radio reception.	Weak antenna signal – check the antenna. If stereo reception is unsatisfactory, switch from stereo to mono. Interference from electrical devices such as televisions, video recorders, computers, neon lamps, thermostats or motors. Keep the stereo away from such devices.
Tracks on a CD are skipped.	The CD is damaged or dirty – replace the CD or clean it. The PROGRAM (track memory) or RANDOM functions are active. Deactivate the functions.

Technical and optical modifications reserved!

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