GRUNDIG

made for you

HIFI STEREO
MICRO SYSTEM

UMS 5800 DEC

de · en · fr · it · pt · es

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Please note the following information when setting up the system:

The hi-fi system is designed for the playback of audio signals. Any other use is expressly prohibited.

If you want to set up the hi-fi system on wall shelves or in cupboards, please ensure that it is adequately ventilated. There must be at least 10 cm of space at the side, above and behind the hi-fi system. Do not place objects on the ventilation slots.

Do not cover the hi-fi system with newspapers, table cloths, curtains, etc.

Please note when setting up the hi-fi 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 hi-fi 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 hi-fi system is designed for use in dry rooms. If you do use it outside, please ensure that it is protected from moisture, such as rain or water splashes.

Only use the hi-fi system in a moderate climate.

Do not place the hi-fi system close to heating units or in direct sunlight, as this will impair cooling.

Do not place any vessels containing liquids (for example, vases) on the hi-fi system. Do not insert any foreign bodies in the CD compartment.

Do not place any naked flames such as candles on the hi-fi system.

Do not open the hi-fi system casing under any circumstances. Warranty claims are excluded for damage resulting from improper handling.

Thunderstorms are a danger to all electrical devices. Even if the hi-fi 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.

Note:
Do not connect any other equipment while the device is switched on. Switch off the other devices as well before connecting them.
Only plug the device into the mains socket after you have connected the external devices.
Make sure the power plug is freely accessible.

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OVERVIEW _____

The hi-fi system controls

Controls on the front

– | +	Adjust the volume.
M	Switches between the input sources »*TUNER*«, »*CD*«, »*SD CARD*«, »*USB*« and »*AUX*« (external device).
●	Infrared sensor for remote control signals.
▶❙❙	In CD, CARD and USB mode: starts and pauses playback.
■	In CD, CARD and USB mode: interrupts and stops playback. Press twice to delete a playlist.
▶▶❙ **TUNING**	In standby mode: for setting the time and the day of the week. In tuner mode: press briefly to change the frequency forwards in steps. In CD, CARD and USB mode: selects tracks forwards in steps. Press and hold down to search for a certain passage forwards.

▮◀◀ **TUNING**	In standby mode: for setting the time and the day of the week. In tuner mode: press briefly to change the frequency backwards in steps. In CD, CARD and USB mode: select tracks backwards in steps. Press and hold down to search for a certain passage backwards.
🗀 ▲	In tuner mode: selects the next preset. In MP3/WMA mode: selects the next album.
🗀 ▼	In tuner mode: selects the previous preset. In MP3/WMA mode: selects the previous album.
PROG./ **RAND.** ⊘	In standby mode: activates and saves the time setting. In tuner mode: press briefly to store radio stations on presets; hold down to start the automatic station search. In CD, CARD and USB mode: for creating a playlist; plays tracks in random order.
INTRO/REP. ⊘	In standby mode: activates and saves the timer settings. In CD, CARD and USB mode: plays the start of the tracks; repeats one or all tracks. In MP3/WMA mode: for repeating the tracks on an album.

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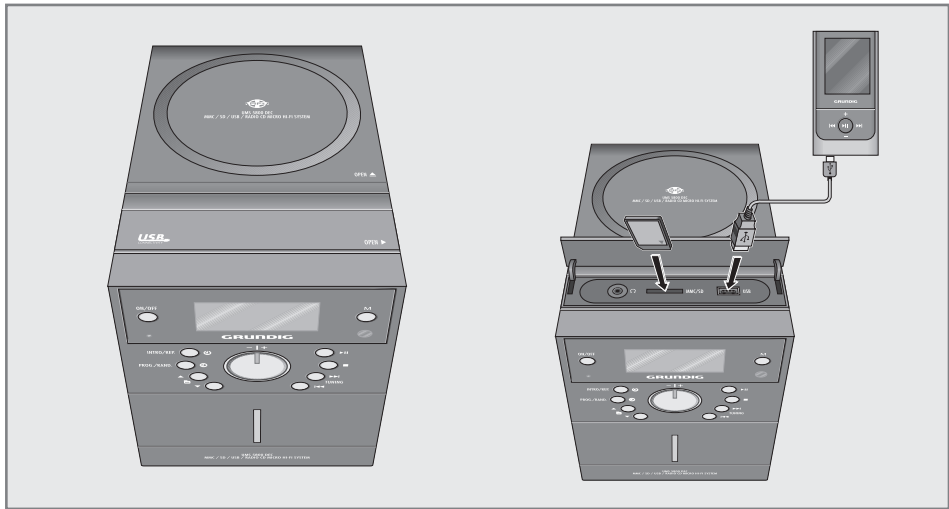
●   Standby indicator. Lights up when the hi-fi system is in standby mode.

ON/OFF   Switches the hi-fi system to and from standby mode. The only way to completely disconnect the hi-fi system from the mains supply is to pull out the plug.

Controls on the top

OPEN ▶   Panel.

Ω   Under the panel: Headphone jack for connecting a stereo headphone set with a jack plug (ø 3.5 mm). This automatically switches off the loudspeakers.

MMC/SD   Under the panel: card slot for inserting a memory card (MMC or SD).

USB   Under the panel: USB interface for connecting an MP3 player or a USB memory stick. This socket is not suitable for connecting up to PCs.

OVERVIEW _____

The back of the hifi system

FM Antenna	Antenna socket for the outdoor antenna cable or the wire antenna supplied (VHF).
AM Antenna	Terminals for connecting the MW loop antenna (medium wave) supplied.
LINE IN R L	Audio signal input for connecting an external devices.
SPEAKER L+ L– R+ R–	Terminals for connecting the loudspeaker cable. L = left channel, R = right channel.
~AC	Socket for connecting the power supply unit. The only way to fully disconnect the hi-fi system from the mains is to pull out the plug.

OVERVIEW _____

The hi-fi system displays

000:000	In standby mode: displays the time. In tuner mode: displays the preset. In CD mode: displays the total playing time and the elapsed playing time of the current track. In MP3/WMA mode: displays the total number of albums and tracks, and the elapsed playing time of the current track.
00000.000	In standby mode: displays the day of the week. In tuner mode: displays the frequency band and frequency, or the station name. In CD mode: displays the total number of tracks and the elapsed playing time. In MP3/WMA mode: displays the format, the numbers of the current album and track, as well as ID3 tag information (ticker text).
JAZZ	Displays the selected sound setting, for example »**JAZZ**«.
UBS	The Ultra Bass System is activated.
ALBUM	In MP3/WMA mode: displays the total number of albums or the number of an album.
FILE	In MP3/WMA mode: displays the total number of files or the number of an file.
AM	Displays the first half of the day in 12-hour format.
PM	Displays the second half of the day in 12-hour format.
🕐	In tuner mode: flashes when awaiting an RDS time signal; lights up when RDS time synchronisation is complete.

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OVERVIEW _____

↻ 1	A file or a track is repeated.
↻ ALL	All files or tracks are repeated
↻ ALBUM	In MP3/WMA mode: all files on an album are repeated.
INTRO	The first ten seconds of each file or track are played.
RANDOM	All files or tracks are played back in random order.
PROGRAM	In tuner mode: selects or plays a stored radio station. In CD, CARD and USB mode: a playlist is created or played back.
▶	In CD, CARD and USB mode: playback.
II	In CD, CARD and USB mode: playback pause.
◯◯	In tuner mode: an FM stereo channel is being received.
◯◯ R·D·S	In tuner mode: an RDS channel is being received.
PTY	In tuner mode: the PTY (programme type) function is activated.
TEXT	In tuner mode: the radio text function is activated.
NAP	The reminder timer is activated.
⌓	In timer mode: the buzzer alarm function is activated.
♫	In timer mode: the music alarm function is activated.
WEC	In timer mode: the alarm function is deactivated at the weekend.
⊨⌐	The sleep timer is activated.

The remote control
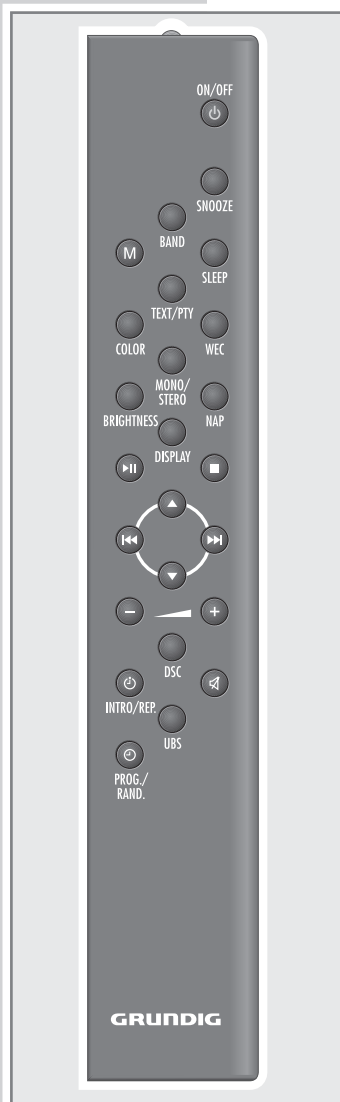
ON/OFF	Switches the hi-fi system to standby mode and from standby mode to the last input source selected.
SNOOZE	Interrupts the alarm function for about five minutes; interrupts the reminder timer.
SLEEP	For setting the sleep timer.
WEC	Interrupts or reactivates the alarm function for the weekend.
NAP	In standby mode: for setting the reminder timer.
■	In CD, CARD and USB mode: ends playback; press twice to delete a playlist.
▲	In tuner mode: selects the next preset. In MP3/WMA mode: selects the next album.
▼	In tuner mode: selects the previous preset. In MP3/WMA mode: selects the previous album.
▶▶┃	In standby mode: for setting the time and the day of the week. In tuner mode: press and hold down to start the forward frequency search. Press briefly to change the frequency in steps. In CD, CARD and USB mode: selects the next track; hold down to search for a particular passage.
┃◀◀	In standby mode: to set the time and the day of the week. In tuner mode: press and hold down to start the reverse frequency search; press briefly to change the frequency down in steps. In CD, CARD and USB mode: selects the previous track; hold down to search for a particular passage.

ON/OFF

SNOOZE

BAND

M

SLEEP

TEXT/PTY

COLOR   WEC

MONO/
STERO

BRIGHTNESS   NAP

DISPLAY

DSC

INTRO/REP.

UBS

PROG./
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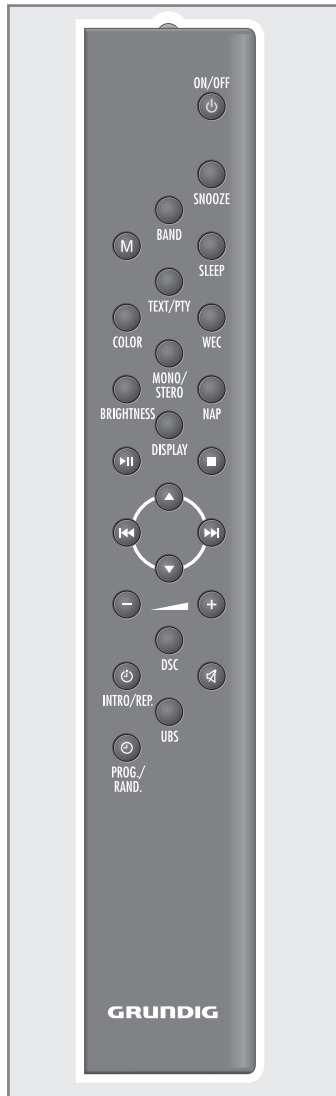
– ———— +	Adjust the volume.
🔇	Switches the hi-fi speakers to and from mute mode.
BAND	In tuner mode: selects the frequency band »*FM*« or »*MW*«.
PTY	In tuner mode: selects programme types for the PTY search.
MONO/ STEREO	In tuner mode: switches between mono and stereo reception.
DISPLAY	In tuner mode: switches the display between frequency, channel name, channel type, radio text and time/day. In CD-DA mode: switches the display between track number, track playing time, total running time and time/day. In MP3 mode: switches the display between file number/elapsed playing time, file name/ID3 tag information (ticker text) and time/day.
DSC	Selects the sound settings USER, CLASSIC, POP, JAZZ and ROCK.
UBS	Switches the Ultra Bass System on and off.
M	Switches between the input sources »*TUNER*«, »*CD*«, »*SD CARD*«, »*USB*« and »*AUX*« (external device).
COLOR	Selects the colour of the display back lighting (8 colours).
BRIGHTNESS	Adjusts the brightness of the display to one of three levels (bright, medium, off).
▶︎❚❚	In CD, CARD and USB mode: starts and pauses playback.

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INTRO/REP.
⏱

In standby mode: activates and saves the timer settings.
In CD, CARD and USB mode: plays the start of the tracks; repeats one or all tracks.
In MP3/WMA mode: for repeating the tracks on an album.

PROG./RAND.
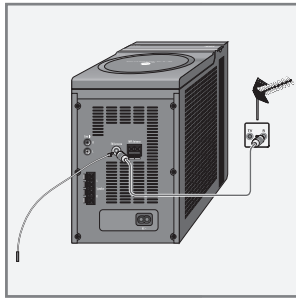🕐

In standby mode: activates and saves the time setting.
In tuner mode: press briefly to store radio stations on presets; hold down to start the automatic station search.
In CD, CARD and USB mode: for creating a playlist; plays tracks in random order.

ON/OFF
⏻

SNOOZE

M
BAND

SLEEP

TEXT/PTY

COLOR
WEC

MONO/
STERO

BRIGHTNESS
NAP

DISPLAY

DSC

INTRO/REP.

UBS

PROG./
RAND.

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CONNECTION AND PREPARATION_

Connecting the antennas

1 Plug the roof antenna cable into the antenna socket »**FM Antenna**« on the hi-fi system.

2 Insert the wires from the loop antenna cable supplied into the »**AM Antenna**« terminals on the hi-fi system.

Note:

If no roof antenna is available, use the auxiliary antenna supplied. When suitably positioned, this antenna provides reasonably good reception of local FM (VHF) channels. Do not shorten the auxiliary antenna.

Connecting the loudspeakers
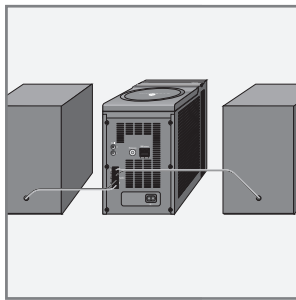
1 Insert the wires of the loudspeaker cable into the terminals for »**SPEAKERS L+ L− R+ R−**«.
– Observe the left and right channels (**L** = left channel, **R** = right channel).
– Connect the cables marked in red to the red terminals.

Note:

The loudspeaker connection is a bridged output stage. For this reason, the cables may not be connected to each other or to the housing. This would present a short circuit risk.

Connecting the power cord
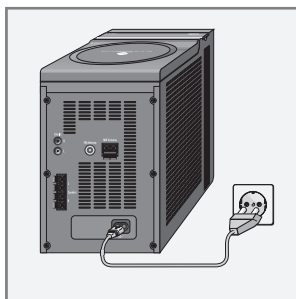
Note:

Check that the mains voltage on the type plate (on the back of the hi-fi system) corresponds to your local mains supply. If this is not the case, contact your specialist dealer.

1 Insert the supplied mains cable into the »**∼AC**« socket on the hi-fi system.

2 Plug the power cord into the wall socket.

Caution:

The hi-fi system is connected to the mains with the power cord. Pull out the power plug if you want to completely disconnect the hi-fi system from the mains.
Pull out the mains plug to disconnect the hi-fi system from the mains. Make sure the power plug is easily accessible during operation and not hindered by other objects.

CONNECTION AND PREPARATION ‗

Connecting an MP3 player or a USB memory stick

The hi-fi system supports most USB memory sticks or MP3 players.

Note:
The hi-fi system must be switched off while the USB connection is being made. If it is not switched off, data can be lost.

1 Connect the USB interface of the MP3 player to the »USB« socket on the hi-fi system (under the flap), using a standard USB cable

or

insert the USB plug of the USB memory stick in the »USB« interface on the hi-fi system (under the flap).

Note:
To remove the MP3 player or the USB memory stick, switch off the hi-fi system and pull out the cable for the data medium.
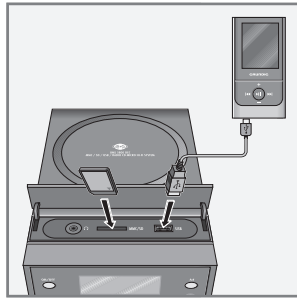
Inserting a memory card

The hi-fi system supports MMC and SD memory cards.

Note:
The hi-fi system must be switched off while the memory card is being inserted. If it is not switched off, data can be lost.

1 Insert the card carefully into the »CARD« card slot (under the flap) until it latches into place.

Note:
Do not use excessive force when inserting the memory card. Only apply slight pressure.

The memory cards are resistant to dirt and moisture, but may only be inserted into the hi-fi system in a dry and clean condition.

Never remove memory cards during operation. This can damage the memory card. This type of damage will invalidate your warranty.
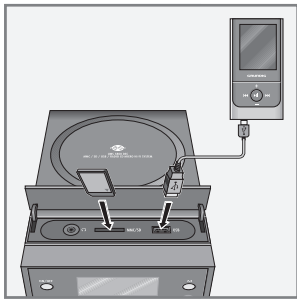
Removing the memory card

1 Switch off the hi-fi system by pressing »ON/OFF«.

2 Remove the memory card from the card slot by pressing the card inwards slightly until the latch is released. Then pull out the card.

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CONNECTION AND PREPARATION _

Connecting external devices
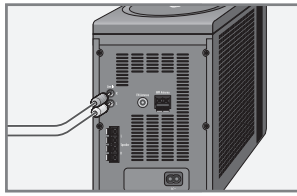
Note:

Switch the hi-fi system off before you connect external devices.

1 Use standard cinch cables to connect the audio output sockets of the external device to the »**LINE IN R L**« sockets on the hi-fi.

Connecting the headphones

1 Insert the headphone plug (ø 3.5 mm) into the »⌢« socket (under the flap).
– The loudspeakers of the hi-fi system are switched off.

Note:

Excessive sound pressure from the earphones or headphones can cause hearing loss.

Inserting batteries in the remote control
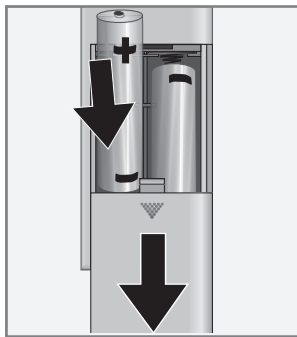
1 Open the battery compartment by pushing down its lid.

2 When inserting the batteries (2 x 1.5 V, R 6/UM 3/AA), observe the polarity marked on the base of the battery compartment.

Note:

Do not expose the batteries to extreme heat, caused for example by direct sunlight, heaters or fire.

If your hi-fi system no longer reacts properly to remote control commands, the batteries may be flat. Always remove used batteries. The manufacturer accepts no liability for damage resulting from leaking batteries.

Environmental note:

Batteries, including those which contain no heavy metal, should not be disposed of with household waste. Please dispose of used batteries in an environmentally responsible manner. Find out about the legal regulations which apply in your area.

SETTINGS_____

Setting the time

A demo program starts in the display when you connect the hi-fi system to the mains for the first time. To quit the demo program, switch the hi-fi on from standby mode by pressing »**ON/OFF**«. The time and day of the week then flash in the display, indicating that they need to be set.

The following settings can only be performed in standby mode; to do this, press »**ON/OFF**« again.

12:00
MON

1 To set the 12-hour format, briefly press »**PROG./RAND.** ⏲«.
– Display: briefly »*12HR*«, then the current time, for example »*MON 12:02*«.

2 To set the 24-hour format, press »**PROG./RAND.** ⏲« again.
– Display: briefly »*24HR*«, then the current time, for example »*MON 0:03*«.

0:00
MON

3 To set the time, press and hold down »**PROG./RAND.** ⏲«.
– Display: the hours flash.

4 Set the hours using »|◄◄« or »►►|« and press »**PROG./RAND.** ⏲« to confirm.
– Display: the minutes flash.

12:00
MON

5 Set the minutes using »|◄◄« or »►►|« and press »**PROG./RAND.** ⏲« to confirm.
– Display: the day of the week flashes.

6 Set the day of the week using »|◄◄« or »►►|« and press »**PROG./RAND.** ⏲« to confirm.
– Display: »*CT ON*« flashes.

12:24
CT ON

7 Set the RDS time synchronisation with »|◄◄« or »►►|« and confirm with »**PROG./RAND.** ⏲«.

Notes:

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

P 04 ⏲   📶
         POP
PROGRAM
⊙ ENERGY   MHz
RDS

Some RDS channels transmit an RDS time signal (CT). If the selected RDS channel transmits this time information and the RDS time synchronisation is set to »*CT ON*« on the hi-fi, then the time is automatically updated (»⏲« flashes in the display). This takes about five minutes.

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SETTINGS _____

Setting and storing radio channels

Automatic station search (ASP)

The first time you switch on the device, the automatic station search in tuner mode looks for the 40 stations with the best reception and stores them.

```
  P 02
 PROGRAM
FM 97.55  MHz
```

- – Display: »*FM*«, the frequency in rapid run-through and »**PROGRAM**«.
- – The search has started. After the search has finished, you will hear the station stored at preset position 01.

Notes:

The automatic station search can be interrupted by briefly pressing »■«.

The automatic station search can be repeated any time by pressing and holding down »**PROG./RAND.** ⏲« until the frequency display switches to rapid run-through. The stations stored previously will be deleted.
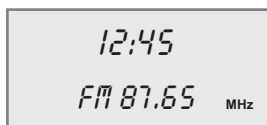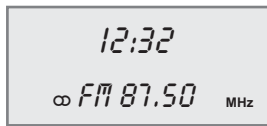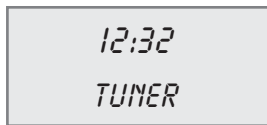
Automatic station search

```
 12:32

 TUNER
```

1 Press »**M**« to select the tuner input source.
- – Display: »*TUNER*«, then the wave band and frequency or channel name.

```
  12:32

∞ FM 87.50  MHz
```

2 Press »**BAND**« to select the frequency band (FM or MW).
- – Display: »*FM*« or »*MW*«.

3 Activate the station search by pressing »|◀◀« or »▶▶|« until the frequency display changes to rapid run-through.
- – The search stops when a channel is found.

Manual station search

```
  12:45

FM 87.65  MHz
```

1 To move the frequency forward in steps, briefly press »|◀◀« or »▶▶|« several times.
- – The frequency changes in 50 kHz steps.

SETTINGS_____

Storing stations as presets

1 Press »**BAND**« to select the frequency band (FM or MW).

2 Press »|◀◀« or »▶▶|« to select the station you want to store.

```
 P 00
  PROGRAM
∞ FANTASY   MHz
∞ RDS
```

3 Press »**PROG./RAND.** ⏱« to activate the memory function.
   – Display: the preset displays »*00*« and »**PROGRAM**« flash.

4 Select the preset position with » ▲ « oder » ▼ «.

Note:
If stations are already stored on the preset positions, they are overwritten when new stations are stored.

```
 P 02
  PROGRAM
∞ FANTASY   MHz
∞ RDS
```

5 Press »**PROG./RAND.** ⏱« again to store the station.
   – Display: »**PROGRAM**« and, for example, »*02*«.

6 To store more stations, repeat steps **2** to **5**.

Note:
If the hi-fi is disconnected from the mains for a long time, all the presets are deleted.

GENERAL FUNCTIONS_____

Switching on and off

1 Switch the hi-fi system on from standby mode by pressing »**ON/OFF**«.
– The last input source used is automatically selected.

2 Press »**ON/OFF**« to switch the hi-fi system to standby.
– Display: »*GOOD BYE*« briefly, then the current time and day of the week.

Note:
The only way to disconnect the hi-fi system from the mains supply is to pull out the plug.

```
14:26

GOOD BYE
```

Adjusting the brightness of the display

1 Change the overall brightness of the display back lighting using »**BRIGHTNESS**« on the remote control in three levels (bright, medium, off).

Changing the colour of the display lighting

1 Change the colour of the display back lighting by pressing »**COLOR**« on the remote control. There are eight options.

Selecting the input source

1 Select the input source by pressing »**M**«.
– Display: »*TUNER*«, »*CD*«, »*SD CARD*«, »*USB*« or »*AUX*«.

Adjusting the volume

1 Press »**– | +**« on the hi-fi or »**– ▬▬▬ +**« on the remote control to adjust the volume.
– Display: briefly »*VOL*« (»*MIN*«, »*1*« to »*39*«, above that »*MAX*«).

Muting

With this function you can switch the hi-fi speakers to and from mute mode.

1 Activate mute with » ⊿ « on the remote control.
– Display: »*MUTE*« flashes.

2 Deactivate mute with » ⊿ « on the remote control.
– Display: »*MUTE*« disappears.

```
14:26

MUTE
```

GENERAL FUNCTIONS_____

Selecting sound effects

You can select from the sound effects USER, CLASSIC, POP, JAZZ and ROCK. The basic setting is USER.

1 You can select sound effects using »**DSC**«.
 – Display: »**USER** ⬦ «, »**CLASSIC** ⬦ «, »**POP** ⬦ «, »**JAZZ** ⬦ « or »**ROCK** ⬦ «.

```
P 02          POP
   PROGRAM
∞FANTASY      MHz
 RDS
```

Setting the equaliser

The USER sound setting allows you to make your own personal equaliser settings.

1 When the device is on, press »**DSC**« until »**USER** ⬦ « appears in the display.

2 Press »**DSC**« again and hold down for two seconds.
 – Display: »BASS 0«.

```
P 02  ⬦ USER

BASS 0
```

3 Press »**DSC**« to choose the setting (BASS or TREBLE).
 – Display: »BASS 0« or »TRE 0«.

Note:

If you do not press any button within five seconds, the hi-fi system will automatically quit this mode.

4 Press »– | +« on the hi-fi or »– ⬛ +« on the remote control to adjust the level (max. »+5«, min. »-5«).
 – The equaliser display disappears after five seconds.

Switching the Ultra Bass System on and off

1 To switch on the Ultra Bass System, press »**UBS**« on the remote control.
 – Display: »**UBS** ▲▲ «.

```
P 02          POP
              ▲▲
   PROGRAM    UBS
∞FANTASY      MHz
 RDS
```

2 To switch off the Ultra Bass System, press »**UBS**« on the remote control.
 – Display: »**UBS** ▲▲ « disappears.

Switching the display

You can switch the display to show the time and the day of the week.

```
18:20         POP
              ▲▲
              UBS
WED
```
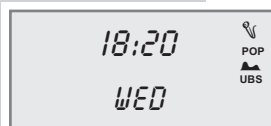
1 To switch the display, keep pressing »**DISPLAY**« on the remote control until the time and the day of the week appear.

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TUNER MODE _____

Selecting the TUNER input source

1 Press »**M**« to select the input source.
  – Display: »*TUNER*« briefly, then the frequency.
  – The most recently selected channel is activated (Last Station Memory).
  – Display: the preset, the frequency and the station name.

```
P 20              ☏
            POP
PROGRAM     ▲
            UBS
∞ ENERGY    MHz
∞ RDS
```

Selecting presets

1 Press »**BAND**« on the remote control to select the frequency band (FM or MW).

2 Select the desired preset number with » ▲ « or » ▼ «.
  – Display: e.g. the preset »*P 02*« and »**PROGRAM**«.

```
P 08              ☏
            POP
PROGRAM     ▲
            UBS
∞ VILRADIO  MHz
∞ RDS
```

Stereo/mono reception

When the hi-fi system receives FM stereo channels, »ST.« appears in the display. If the signal from the FM stereo channel is weak, you can improve the sound quality by switching to mono reception.

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

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

Note:

If you store radio stations as presets, the stereo/mono setting is also transferred. You can then store a radio station specifically as a stereo or mono channel.

```
P 02              ☏
            POP
            ▲
            UBS
MONO
```

TUNER MODE _____

Automatic station search (ASP)

By starting the automatic station search, you can delete all the existing presets and replace them with new ones at the same time.

P 05
PROGRAM
FM 86.45 **MHz**

1 To start the automatic station search in tuner mode, press and hold down »**PROG./RAND.** ☉«.
– After the search has finished, you will hear a stored station.

Note:

The automatic station search can be interrupted by briefly pressing »■«.

RDS station service

RDS (Radio Data System) is an information system which is transmitted additionally by most FM stations.
When the hi-fi system is receiving an RDS channel, the channel name, for example »*FANTASY*«, and » *R·D·S* « appear in the display.

Note:

It may take some time before all the RDS information is available. GRUNDIG has no influence on the correctness of this information.

Searching for RDS stations

P 02 **POP**
PROGRAM
FANTASY **MHz**
R·D·S

1 To search for an RDS station, press »◄◄« or »►►« repeatedly until » *R·D·S* « appears in the display indicating that an RDS station is being received.
– After a short time the station name appears if the reception is sufficiently strong.

RDS time synchronisation

P 04 ☉ **POP**
PROGRAM
ENERGY **MHz**
R·D·S

Some RDS stations transmit an RDS time signal (CT). If the selected RDS station transmits this time information and the RDS time synchronisation is set to »*CT ON*« on the hi-fi, then the time is automatically updated (»☉« flashes in the display).
Time synchronisation can take several minutes, and even with good reception the accuracy depends on the time signal being transmitted.

Viewing RDS information

When an RDS channel is being received, the frequency is displayed briefly and then the station name appears continuously.

1 Press »**DISPLAY**« on the remote control.
– The programme type appears in the display (PTY).

2 Press »**DISPLAY**« on the remote control again.
– The radio text appears in the display as ticker text (display »**TEXT**«).

3 Press »**DISPLAY**« on the remote control again.
– The current time and day of the week appear in the display.

4 Press »**DISPLAY**« on the remote control again.
– The wavelength and the frequency appear in the display.

5 Press »**DISPLAY**« on the remote control one last time.
– The channel name is displayed continuously.

Programme types (PTY)

1 To view the current programme type, press »**PTY**« on the remote control.
– Display: the current programme type, e.g. »*NEWS*«, »**PTY**« flashes.
– If no programme type code is transmitted, »*NO PTY*« appears in the display.

2 Press »**PTY**« repeatedly on the remote control to select another programme type.

3 Press »|◀◀« or »▶▶|« to start the PTY search.
– Display: the frequency in rapid run-through, and »**PTY**« flashes.
– The search stops once a station with the programme type you want is found, and the selected programme type, for example »*POP M*«, and the current time appear in the display.

Note:
Press »**PTY**« briefly to stop the search.

The hi-fi system is suitable for music CDs bearing the logo shown here (CD-DA), and for CD-Rs and CD-RWs with audio data or MP3/WMA formats.

In MP3/WMA mode, the terms "album" and "file" are very important. "Album" corresponds to a folder on a PC, "file" to a file on a PC or a CD-DA track. An MP3/WMA CD may not contain more than 999 tracks/folders in total.

The hi-fi displays the albums or tracks in the order you stored them on the data medium. Depending on the copying program or multi session CDs, this can mean that the albums and titles are not displayed or played back in alphabetical order. You may have to put albums/tracks in the right order before you copy them. You can do this by numbering them.

When burning CD-R and CD-RWs with audio files, various problems may arise which could lead to problems with playback. This can be caused by faulty software or hardware settings or by the CD being used. Should such problems arise, contact the customer services of your CD burner or software manufacturer or look for relevant information, for example on the Internet.

When you are making audio CDs, observe all legal guidelines and ensure that the copyright of third parties is not infringed.

Always keep the CD compartment closed to prevent dust from collecting on the laser optics. Do not attach adhesive labels to CDs. Keep the surfaces of CDs clean.

You can play standard 12 cm CDs as well as 8 cm CDs on your hi-fi system. An adapter is not necessary.

Selecting the CD input source

1 Press »M« to select CD as the input source.
  – If there is no CD in the compartment, »NO DISC« appears in the display after a short time.
  – In MP3/WMA mode, if there is a CD already inserted: the hi-fi system scans the contents of the CD (Display: »CD READ« flashes). The display then shows the total number of albums and tracks, and the format, i.e. »MP3 DISC«.
  – In CD-DA mode when a CD is already inserted: the hi-fi system scans the contents of the CD (Display: »CD READ« flashes). The display shows the total playing time, the total number of tracks and the format, i.e. »CD«.

ENGLISH

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CD MODE

Inserting a CD

```
20:15 (USER)

OPEN
```

1 Press the CD compartment on the top of the hi-fi system to open it.
– Display: »OPEN«.

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

3 Close the CD compartment cover on the top of the hi-fi.
– Display: »CD READ« flashes.
– In MP3/WMA mode: the hi-fi system scans the contents of the CD.
  The display shows the total number of albums and files, and the format »MP3 DISC«.
– In CD-DA mode: the hi-fi system scans the contents of the CD.
  The display shows the total playing time, the total number of tracks and the format »CD«.

```
ALBUM   FILE  (USER)
018 230

MP3 DISC
```

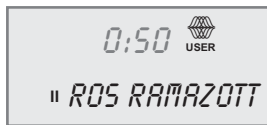## Playing back a CD

```
0:01 (USER)

►  001 001
```

1 Press »►II« to start playback.
– Playback always starts with the first file of the first album (MP3/WMA) or with the first track (CD-DA).
– Display in MP3/WMA mode: »►«, the number of the current file, the elapsed playing time of the file.
– Display in CD-DA mode: »►«, the number of the current track, the elapsed playing time of the track.

```
0:50 (USER)

II ROS RAMAZOTT
```

2 Press »►II« to pause playback.
– Display: »II«, the elapsed playing time of the file or track flashes.

3 Press »►II« to resume playback.

4 Press »■« <u>twice</u> to end playback.

Pausing and resuming playback

1 Interrupt playback by pressing »■« <u>once</u>.

2 Press »► II« to resume playback at the beginning of the same file or track.
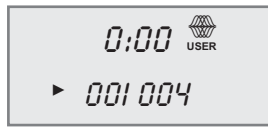
Note:
Playback also resumes at beginning of the same file or track if you switch from CD mode to another input source and then back to CD mode or if you switch to CD mode again from standby.

Repeating the current file or track

1 Press »I◄◄« briefly during playback.
– The file or track is repeated from the beginning.

CD MODE_____

Selecting a different file or track

```
 0:00  ⬡
       USER
▶ 001 004
```

1 During playback, keep pressing »|◀◀« or »▶▶|« until the number of the file or track you want appears in the display.
   – Playback of the selected file or track starts automatically.

   Note:
   You can also select tracks in stop mode. However, you must then start playback of the track with »▶ II«.

Searching for a passage within a track

1 During playback press »|◀◀« or »▶▶|« and keep it pressed until the passage has been found.
   – Playback begins if you release »|◀◀« or »▶▶|«.

   Note:
   During the search the volume is reduced.

Selecting albums and tracks (MP3/WMA only)

```
 0:00  ⬡
       USER
▶ 010 120
```

1 During playback, select the folder with » ▲ « or » ▼ «.

2 Select the track by pressing »|◀◀« or »▶▶|«.
   – Playback of the track starts automatically after a short time.

   Notes:
   You can also select folders and tracks in the stop position. However, you must then start playback of the track with »▶II«.
   The root folder is shown as number 1. However, a folder can only be shown and selected if it actually contains MP3/WMA tracks.

Opening up track information (MP3/WMA only)

You can open track information (ID3 tag) in ticker text with this function.

1 During playback the display switches to displaying the file name.

```
 2:10  ⬡
       USER
▶TITLE DESENSIT
```

2 Press »DISPLAY« on the remote control.
   – You are provided with information on the track, the artist and the album if such information is stored on the CD.

3 To return to the file name display, press »DISPLAY« repeatedly on the remote control until the file name is displayed again.

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CD MODE_____

Repeating a file or a track (Repeat One)

```
       2:34  🌐
             USER
  ↺1
 ▸ARTIST GREEN
```

1 Press »**INTRO/REP.** ⏱« repeatedly during playback until
  »↺**1**« appears in the display.
  – The file or track is played back repeatedly.

2 To quit the function, press »**INTRO/REP.** ⏱« repeatedly until the
  repeat symbol »↺« disappears from the display.

Repeating all the files on an album (MP3/WMA only)

```
       0:23  🌐
             USER
  ↺ ALBUM
 ▸TITLE YOU LIED
```

1 Press »**INTRO/REP.** ⏱« repeatedly during playback until the
  »↺**ALBUM**« appears in the display.
  – All the files on the current album are played back repeatedly.

2 To quit the function, press »**INTRO/REP.** ⏱« repeatedly until the
  repeat symbol »↺« disappears from the display.

Repeating all files or tracks (Repeat All)

```
       2:15  🌐
             USER
  ↺ ALL
 ▸SHENANIGANS
```

1 Press »**INTRO/REP.** ⏱« repeatedly during playback until
  »↺**ALL**« appears in the display.
  – The CD is repeated from the beginning.

2 To quit the function, press »**INTRO/REP.** ⏱« repeatedly until the
  repeat symbol »↺« disappears from the display.

Note:
If a track memory is stored (see below), all the tracks of the track
memory are repeated when the Repeat All function is selected.

Playing back files or tracks in random order (Random)

```
       0:35  🌐
             USER
    RANDOM
 ▸UNPLUGGED/0
```

1 Press »**PROG./RAND.** ⏱« during playback to select the func-
  tion.
  – Display: »**RANDOM**«.
  – Random playback starts automatically.
  – All tracks on the CD are played back once in random order.

2 To quit the function, press »**PROG./RAND.** ⏱« again.
  – Display: »**RANDOM**« disappears.
  – The tracks are played back in the normal order.

CD MODE _____

Playing the introductions of files or tracks (Intro)

1 Press »**INTRO/REP.** ⏱« when in stop mode.
  – Display: »**INTRO**«.
  – Playback starts automatically. The first ten seconds of each file or track are played.

2 To quit the function, press »**INTRO/REP.** ⏱« until »**INTRO**« and the Repeat icons disappear from the display.
  – The current track and subsequent tracks are played to the end.

Creating a track memory

You can create a track memory of up to 60 files on different albums (MP3) or up to 60 tracks (CD-DA) for the current CD in any order you choose and then play them back in that sequence. A file or track may be stored more than once. Programming is only possible in stop mode.

Selecting and storing tracks (MP3/WMA only)

1 Press »**PROG./RAND.** ⏱« to select the function.
  – Display: the album and track »*000 000*«, »*P--01*« for the first preset, »**PROGRAM**« flashes.

2 Select the album with » ▲ « or » ▼ «, select the track with »◄◄« or »►►|« and press »**PROG./RAND.** ⏱« to save it.
  – Display: the album and track »*000 000*« again, »*P--02*« for the second preset, »**PROGRAM**« flashes.

Selecting and storing tracks (CD-DA only)

1 Press »**PROG./RAND.** ⏱« to select the function.
  – Display: the track »*00*«, »*P--01*« for the first preset, »**PROGRAM**« flashes.

2 Select the track with »|◄◄« or »►►|« and press »**PROG./RAND.** ⏱« to save it.
  – Display: the track »*00*« again, »*P--02*« for the second preset, »**PROGRAM**« flashes.

CD MODE _____

Playing back a track memory

1 Start the track memory by pressing »▶II«.
  – Display: »**PROGRAM**«.
  – Playback begins with the first programmed file or track.

2 Press »■« to end playback.
  – Display: »**PROGRAM**« flashes.

3 Press »▶II« to play the track memory again.

Repeating the playlist

1 During playback, keep pressing »**INTRO/REP.** ⏲« until »⟳ 1«
appears in the display.
  – The current track is played repeatedly;

or

during playback, keep pressing »**INTRO/REP.** ⏲« until »⟳
ALL« appears in the display.
  – All of the programmed tracks are played repeatedly.

2 To quit the function, keep pressing »**INTRO/REP.** ⏲« until »⟳«
disappears from the display.

Checking the track memory

1 Press »**PROG./RAND./**⏲« repeatedly when in stop mode.
  – The sequence of the stored files or tracks is displayed.

Adding files or tracks

1 In the stop position, select the file or track with »|◀◀« or »▶▶|«
and press »**PROG./RAND./**⏲« to store.

Deleting the track memory

1 Open the CD compartment on the hi-fi system

or

press »■« when the CD is in the Stop position (»**PROGRAM**«
mode)

or

switch off the hi-fi system by pressing »**ON/OFF**«.

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MMC/SD AND USB MODE_____

For MP3/WMA mode with MMC/SD memory card, an MP3 player
or USB memory stick, the same playback functions are available as
for CD mode (see pages 26 to 30).

Playing the contents of an MMC/SD memory card

1 Insert the card carefully into the »**MMC/SD**« card slot (under
the panel on top of the hi-fi), with the contacts facing to the rear
until it latches in place.

2 Switch on the hi-fi and press »**M**« to select »*SD CARD*« as the input
source.
 – Display: »*SD READ*« flashes, then MP3/WMA mode with the
 total number of albums and titles in stop mode.
 – If there is no memory card in the card slot, »*NO SD*« appears in
 the display.

3 Press »►**II**« to start playback.
 – Playback starts with the first track of the first album.

Playing the contents of an MP3 player or USB memory stick

1 Connect the USB interface of the MP3 player to the »**USB**«
socket on the hi-fi (under the panel on top of the hi-fi), using a
standard USB cable;

or

insert the USB plug of the USB memory stick in the »**USB**« socket
on the hi-fi (under the panel on top of the hi-fi).

2 Switch on the hi-fi and press »**M**« to select »*USB*« as the input
source.
 – Display: »*USB READ*« flashes, then MP3/WMA mode with the
 total number of albums and titles in stop mode.
 – If no device is connected or none was detected, »*NO DEV*«
 appears in the display.

3 Press »►**II**« to start playback.
 – Playback starts with the first track of the first album.

Note:
The USB port on the hi-fi system does not support a connection for
a USB extension cable and is not designed for directly connect-
ing up to a computer.

16:40 ⊛ USER

SD READ

17:30 ⊛ USER

USB READ

ENGLISH

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Notes:

The USB interface of this device is a standard interface. All currently known MP3 chip concepts were taken into account when it was developed. Due to rapid developments in MP3 technology and new manufacturers appearing every day, the compatibility of MP3 players/USB memory sticks can only be partially guaranteed.

If USB operation is impaired or is not possible, this does not indicate a malfunction of the hi-fi system.

Note:

Bi-directional data transfer as defined for ITE devices in EN 55022/EN 555024 is not possible.

USB transfer is not in itself an operating mode. It is only an additional function.

# TIMER MODE_____

Your hi-fi system has three timer modes:
– The switch-on timer, which switches the hi-fi system on at the set time and wakes you with an alarm or music.
– The reminder timer (NAP), reminding you by sounding the signal tone at a preset time.
– The sleep timer, which switches the hi-fi system off at a preset time.

Switch-on timer

Setting the switch-on timer

The time must be set on the hi-fi system. Timer settings can only be performed in standby mode.
When this setting is being made, if no button is pushed for more than 10 seconds, the hi-fi system will end the process automatically. You then have to start again.
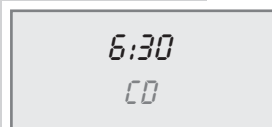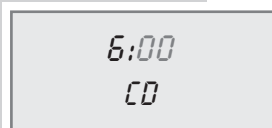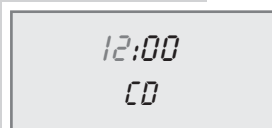
1 Keep pressing »**INTRO/REP.** ⏻« until the hours flash in the display.

2 Set the hours for the switch-on time with »|◀◀« or »▶▶|« and press »**INTRO/REP.** ⏻« to confirm.
– Display: the minutes flash.

3 Set the minutes for the switch-on time with »|◀◀« or »▶▶|« and press »**INTRO/REP.** ⏻« to confirm.
– Display: »*CD*«, »*SD CARD*«, »*USB*«, »*TUNER*« or »*BUZZER*« flashes.

4 Select the signal source (CD, SD/MMC card, USB, radio station or signal tone) with »|◀◀« or »▶▶|«.

Note:
If you select CD, MMC/SD card or USB as the alarm input source, make sure you have inserted the appropriate medium or connected a USB device. Otherwise the device switches on with the radio station last selected.
If you select tuner, press »|◀◀« or »▶▶|« to select the preset.
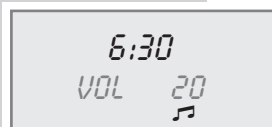
5 Press »**INTRO/REP.** ⏻« to confirm the settings.
– Display: the alarm volume flashes.

6 Press »**– | +**« on the hi-fi or »**– ▬▬ +**« on the remote control to set the maximum volume.

```
 11:34
  THU
    ♪
```

7 Press »**INTRO/REP.** ⏲« to finish the settings.
  – Display: »♪« or »⏰«, the day of the week and the time.
  – The hi-fi system switches on at the set time with the selected signal source (maximum alarm duration 90 minutes).

Note:

The volume of the alarm increases continually from zero onwards until an individually set maximum volume is reached. If you press »– | +« on the hi-fi or »– ▬ +« on the remote control during the alarm in CD, SD/MMC, USB or tuner mode, the volume stops increasing.

Interrupting the alarm

1 During the alarm, press »**SNOOZE**« on the remote control.
  – The alarm signal stops.
  – The alarm goes off again at five-minute intervals (alarm duration – 90 minutes).

Cancelling the alarm for the day

1 Switch the hi-fi system off by pressing »**ON/OFF**« when the alarm is sounding.
 – The switch-on timer remains activated for the next day.

Switching off the alarm for the weekend

You can switch off the alarm function over the weekend. The entered alarm times are saved.

```
 22:40
  FRI
   ♪ WEC
```

1 Switch off the alarm function with »**WEC**« on the remote control.
  – Display: » WEC «.

2 Press »**WEC**« on the remote control to reactivate the alarm function.
  – Display: » WEC « disappears.
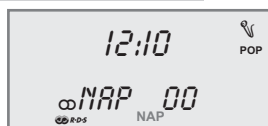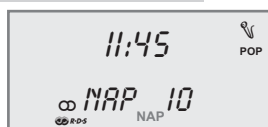
Activating and deactivating the switch-on timer

1 To deactivate the switch-on timer, press »**INTRO/REP.** ⏲« briefly in standby mode.
  – Display: »⏰« or »♪« disappear.
  – The switch-on timer is deactivated, the set alarm time is stored.

```
 23:16
  TUE
    ⏰
```

2 To activate the switch-on timer, press »**INTRO/REP.** ⏲« briefly in standby mode.
  – Display: »⏰« or »♪«.

Reminder timer

```
 11:45          ℀
                POP

 ∞ NAP  10
 ∞ RDS    NAP
```

1 Press »**NAP**« to select the function.
– Display: »*NAP 10*« (minimum time setting), »**NAP**« flashes.

```
 12:10          ℀
                POP

 ∞ NAP  18
 ∞ RDS    NAP
```

2 Enter the reminder time (in 10 minute intervals from 10 to 120 minutes) with »**NAP**«.
– Display: »**NAP**«.
– After the set time has expired, a signal tone sounds (for max. 90 minutes).
– The display shows the currently remaining time, for example »*NAP 25*«, if you press »**NAP**« briefly.

```
 12:10          ℀
                POP

 ∞NAP   00
 ∞RDS     NAP
```

3 Switch off the signal tone with »**ON/OFF**«

or

interrupt the reminder timer early by setting the timer to »**NAP**« with »*NAP 00*«.

Sleep timer

Setting the sleep timer

```
 22:40          ℀
                POP

 ∞  90 MIN
 ∞ RDS        🛏
```
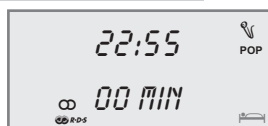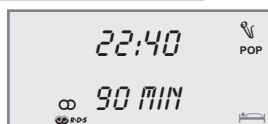
1 Switch on the hi-fi system by pressing »**ON/OFF**« and select the input source you require.

```
 P 02           ℀
                POP

 ∞FANTASY
 ∞RDS         🛏
```

2 Press »**SLEEP**« to select the function.
– Display: »*90 MIN*«, »🛏« flashes.

3 Enter the required switch-off time (in 10 minute intervals from 90 to 10 minutes) by pressing »**SLEEP**«.
– Display: »🛏«.
– The hi-fi system switches off after the selected time has elapsed.

Ending the sleep timer prematurely

1 To deactivate the sleep timer, press »**ON/OFF**« to switch off the hi-fi.

```
 22:55          ℀
                POP

 ∞  00 MIN
 ∞ RDS        🛏
```

or

keep pressing »**SLEEP**« until »*00 MIN*« appears in the display and »🛏« flashes.
– The hi-fi system remains switched on.

INFORMATION _____

Cleaning the CD unit
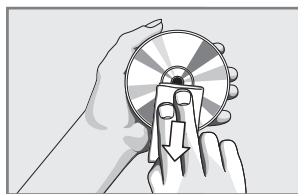
If the device is unable to scan CDs perfectly, use a standard, commercially available cleaning CD to clean the laser optics. Other cleaning methods may damage the laser optics.
Use a lint-free cloth for cleaning the CD and always wipe it from the inside out in a straight line. Do not use cleaning agents for conventional vinyl discs, nor any solvents or abrasive cleaners.

Technical data

This device is noise-suppressed according to the applicable EU directives. This product fulfils the European directives 2006/95/EC and 2004/108/EC.
This device conforms to the safety regulation DIN EN 60065 (VDE 0860) and therefore the international safety regulation IEC 60065.
The type plate is located on the back of the hi-fi system.
Do not open the hi-fi casing under any circumstances. No warranty claims are accepted for damage caused by incorrect handling.

System

Power supply:
Operating voltage: 230 V~
Mains frequency: 50/60 Hz
Max. power consumption: 80 W
Power consumption in standby: ≤ 1 W

Amplifier unit

Output:
Sine wave power: 2 x 12.5 W
Music signal power: 2 x 20 W

Receiver unit

Reception range:
FM 87.5 ...108.0 MHz
MW 522 ... 1620 kHz

CD unit

Frequency response:
20 Hz ... 20 kHz

Noise-voltage ratio:
(wtd.) ≥ 65 dB

MP3 features

Albums and files:
Max. 999 albums and files per CD

File system/file management:
ISO 9660 Level 1 compatible

Memory cards

SD and MMC

USB

USB 1.1/2.0
for format FAT 32

Dimensions and weight

Device dimensions:
W x H x D: 160 x 255 x 260 mm
Device weight: 3.3 kg

Loudspeaker dimensions:
W x H x L: 160 x 255 x 240 mm
Weight per loudspeaker: 2.5 kg

Technical and design modifications reserved.

INFORMATION _____

General information on laser devices

This device is a CLASS 1 LASER PRODUCT. This means that the laser is designed in such a way as to ensure that the maximum permissible emission value cannot be exceeded under any circumstances.

> ┌─────────────────┐
> │   CLASS 1   │
> │ LASER PRODUCT   │
> └─────────────────┘

Caution:

If operating devices or methods other than those specified here are employed, it may lead to dangerous exposure to emissions.

This device emits laser radiation. Because of the danger of eye injuries, the unit may only be opened or serviced by trained personnel.

If settings other than those stated here are used or other procedures are carried out, this may lead to dangerous exposure to radiation.

Troubleshooting

Not every kind of sound interference is caused by a defect in your hi-fi system. Cables that have accidentally been disconnected, damaged CDs and flat batteries for the remote control will impair functioning. If the following measures do not resolve the problem satisfactorily, please visit www.grundig.com, product range: hi-fi, micro CD stations or contact your specialist dealer.

Problem	Possible cause/remedy
No sound.	The volume setting is too low – increase the volume. The headphones are plugged in – disconnect the headphones. Power cable is not properly connected, connect the power cable properly. Mute is activated, deactivate mute.
The hi-fi system does not react when the buttons are pressed.	Static electrical discharge. Switch off the hi-fi system, 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 hi-fi system.
Poor radio reception.	Weak antenna signal, check antenna. Weak FM stereo signal, switch to mono. Interference from electrical devices such as televisions, video recorders, computers, neon lamps, thermostats or motors. Keep the hi-fi system away from such equipment.
Tracks on a CD are skipped.	The CD is damaged or dirty – replace the CD or clean it. The PROGRAM (playlist) or RANDOM functions are active. Deactivate the functions.
CD-Rs or CD-RWs are not played back, or are played back incorrectly.	Faulty software or hardware settings during burning or the CD itself. Check the components of your CD burner/software or change the CD being used.

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INFORMATION _____

Environmental note

This product has been made from high-quality parts and materials which can be re-used and recycled.

Therefore, do not throw the product away with normal household waste at the end of its service life. Take it to a collection point for recycling electrical and electronic devices. This is indicated by this symbol on the product, in the operating manual and on the packaging.

Please find out about collection points operated by your local authority. Help protect the environment by recycling used products.

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