

GRUNDIG

HIFI STEREO MICRO SYSTEM

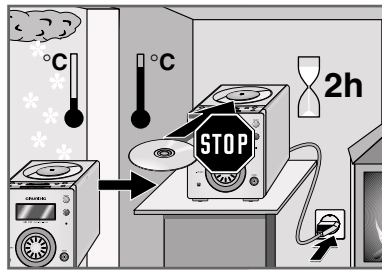
VERTIGA
UMS 5100

ENGLISH

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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.

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.

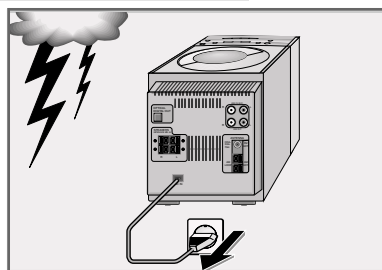
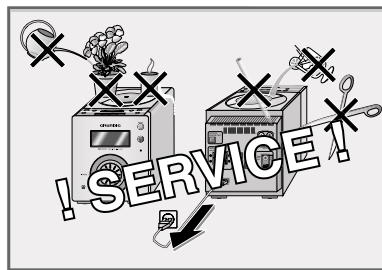
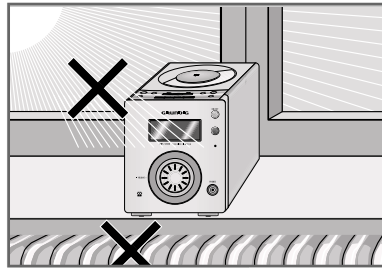
The stereo system is designed for use in dry rooms. If you do use it in the open, please ensure that it is protected from moisture, such as rain or water splashes.

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 accepts no 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.



OVERVIEW

Operating elements of the stereo system



Operating controls on the front

ON/OFF

Switches the stereo system to and from stand-by mode.



Infrared receiver for remote control signals.



Stand-by indicator.

PHONES

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.

- VOLUME +

Adjusts the volume.

Operating controls on the top of the system

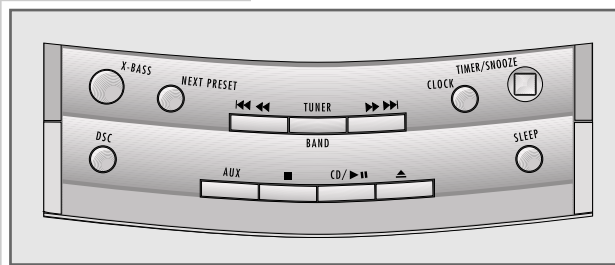
TIMER/SNOOZE For setting the switch-on timer
Delays the alarm for approximately 5 minutes.

CLOCK For setting the clock.

SLEEP For setting the sleep timer.

X-BASS For boosting the bass.

DSC Selects the sound settings.



OVERVIEW

AUX operation

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

Radio mode

TUNER Selects the »*TUNER*« input source.
BAND Selects the frequency band »*FM*« or »*AM*«.

▶▶▶▶
◀◀◀◀ Hold down to start the station search.
Press briefly to change the frequency in small steps.

NEXT PRESET Selects preset stations.

CD mode

CD/▶ II Selects the »*CD*« input source.
Starts and interrupts CD playback.

■ Ends CD playback.
Deletes the track memory for the CD.

▶▶▶▶ Press briefly to select the next track.
Hold down to look for a particular passage.

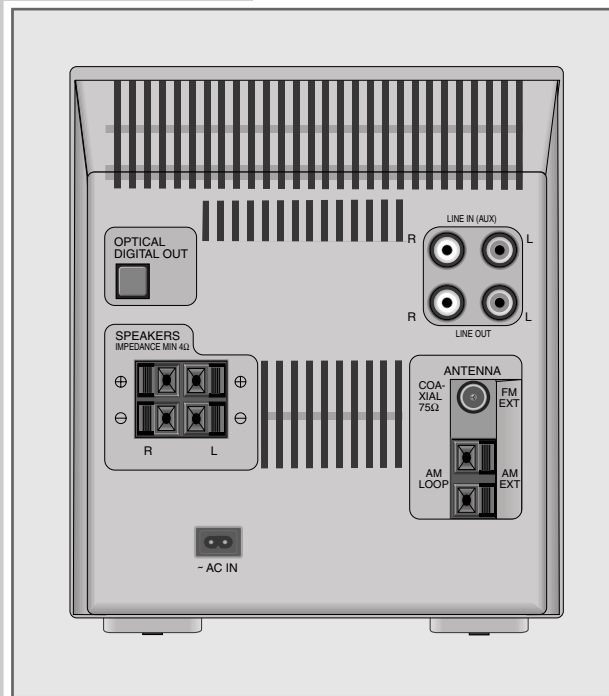
◀◀◀◀ Press briefly to select the previous track.
Hold down to look for a particular passage.

▲ Opens and closes the CD compartment.



OVERVIEW

The back of the stereo system



- ANTENNA FM EXT** Socket for the rooftop antenna or the wire antenna supplied.
- ANTENNA AM EXT** Antenna terminals for the wire antenna supplied.
- OPTICAL DIGITAL OUT** Digital output for copying a CD onto a digital recording device.
- LINE IN (AUX)** Audio signal input for an external device.
- LINE OUT** Audio signal output for an external device.
- SPEAKERS RL + RL-** 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.

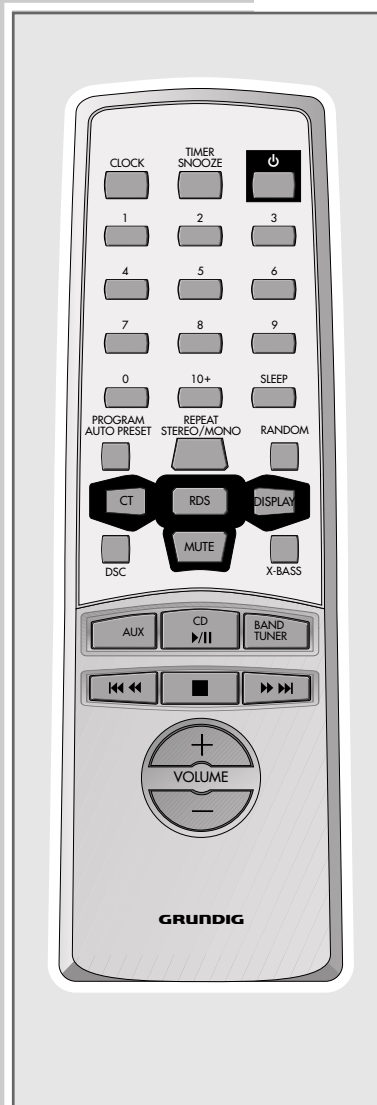
Caution:

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.



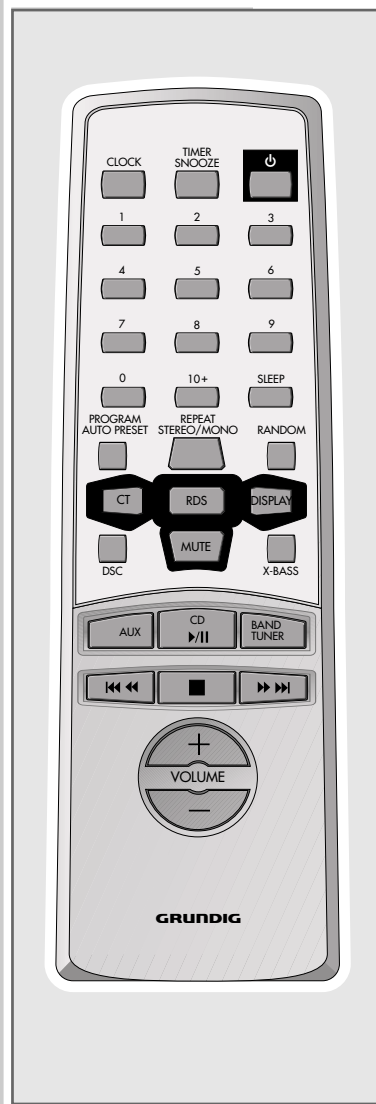
OVERVIEW

The remote control



- Power** Switches the stereo system to and from stand-by mode.
- TIMER SNOOZE** For setting the switch-on and sleep timers.
- CLOCK** For setting the clock.
- 1...0, +10** Numeric keys for various inputs.
To select preset stations 10 to 20, first press »+10«, then enter the two digit station number using »0...9«.
- SLEEP** For setting the sleep timer.
- PROGRAM AUTO PRESET** In tuner mode – stores preset stations and starts the automatic search programming.
In CD mode – stores a track memory.
- REPEAT STEREO/MONO** In tuner mode – switches stereo broadcasts from stereo to mono reception.
In CD mode – repeats a track or the entire CD.
- RANDOM** In CD mode – activates the playback of tracks in random order.
- CT** In tuner mode – selects the RDS time.
- RDS** In tuner mode – selects the RDS mode.
- DISPLAY** In tuner mode – calls up various information on the display.

OVERVIEW



DSC

Selects the sound settings.

MUTE

Switches the loudspeaker on and off again.

X-BASS

For boosting the bass.

AUX

Selects the input source »*AUX*«.

CD ►||

In CD mode – starts CD playback, pauses playback.

BAND TUNER

Selects the input source »*TUNER*« and selects the frequency bands »*FM*« or »*MW*«.



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 -

Adjusts the volume.

CONNECTION AND PREPARATION

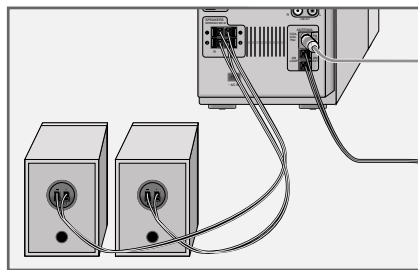
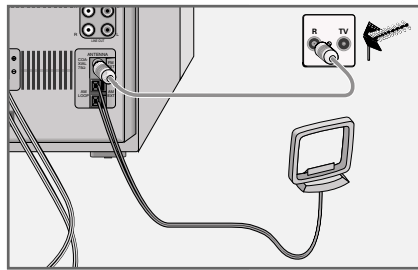
Connecting the antenna

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

Note:

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

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



Connecting the loudspeakers

- 1 Connect the loudspeaker cables to the »**SPEAKERS RL + RL -**« terminals on the stereo system and the »**+ INPUT**« terminals on the loudspeakers. Connect the cables labelled in red to »+«.

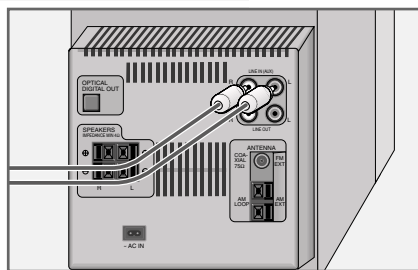
Connecting an external device

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

Note:

Switch the stereo system off before you connect external devices. Make sure the stereo channels are properly connected:

R = right channel (red), L = left channel (white).



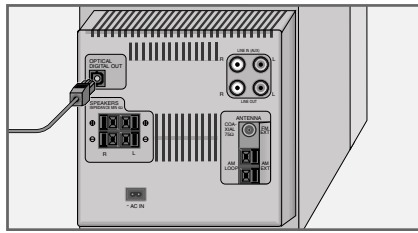
CONNECTION AND PREPARATION

Connecting a digital recording device

- 1 Use an OPTICAL cable to connect the »**DIGITAL OPTICAL OUT**« jack on the stereo system to the appropriate jack on the external device (e.g. MD or CDR).

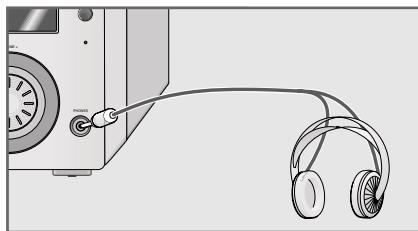
Note:

This socket enables you to record CD playback with a digital recording device.



Connecting headphones

- 1 Insert the headphone plug (ø 3.5 mm) into the »**PHONES**« socket on the front of the stereo system.
 - The loudspeakers of the stereo system are switched off.



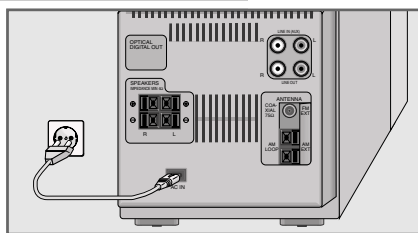
Connecting the power cord

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 mains cable plug into the mains socket.



CONNECTION AND PREPARATION

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- 1 Remove fuse cover and fuse.
- 2 Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
- 3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note:

The severed plug must be disposed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect plug

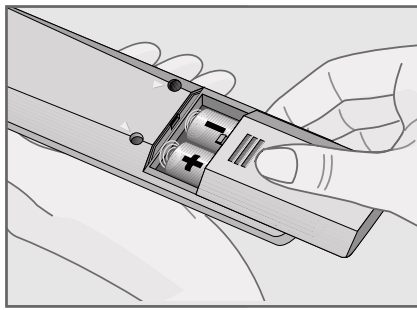
The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- 1 Connect the blue wire to the terminal marked N or coloured black.
- 2 Connect the brown wire to the terminal marked L or coloured red.
- 3 Do not connect either wire to the earth terminal in the plug, marked E (or e) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead – not simply over the two wires.

CONNECTION AND PREPARATION



Inserting the batteries in the remote control

- 1 Open the battery compartment by pushing down the lid of the battery compartment.
- 2 When inserting the batteries (micro 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 heavy metal-free, may not be disposed of with household waste. Please dispose of used batteries in an environmentally sound manner. Find out about the legal regulations which apply in your area.

SETTINGS

Setting the clock

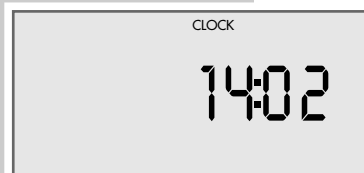
When the stereo is connected to the mains supply and the time has not been set, the time and »CLOCK« flash in the display.



- 1 With the device switched off, press and hold down » **CLOCK**«. – Display: »CLOCK«, the time flashes.

- 2 Set the hours using »▶▶▶▶|«.

- 3 Set the minutes using »|◀◀◀◀«.



- 4 Press » **CLOCK**« to confirm. Display: »CLOCK« and the time.

- 5 You can show or hide the time by pressing » **CLOCK**« when 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 transmit RDS time information. This function enables you to automatically update the time on the device in RDS mode.



- 1 Press » **CT**« on the remote control to switch RDS time on and off when the stereo system is in tuner mode.

Note:

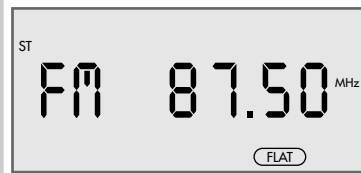
The time display is transmitted by the station once a minute. You must receive the RDS station for several minutes before the time information can be transferred to the stereo system (see also page 19).

SETTINGS

Tuning to radio stations ...

... using Auto Preset

With this function the device automatically searches for the first signals it receives in the FM and MW bands. You can store up to 20 radio stations (FM and MW). The device stores FM stations at preset positions 1 to 10 and MW stations at positions 11 to 20.

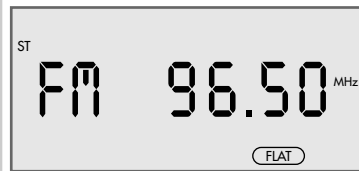
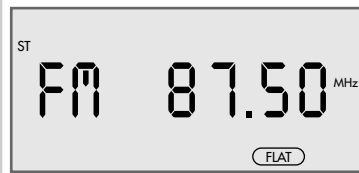


- 1** Press »**TUNER**« to switch on the device.
– Display: The waveband (»*FM*« or »*MW*«) and the frequency.
- 2** Select the frequency band (FM or MW) by pressing the »**BAND**« button.
- 3** Hold down the »**PROGRAM AUTO PRESET**« button on the remote control to activate the station search.
– Display: »**MEMORY**« flashes and the number of stations found is displayed along with the current frequency.
– Up to 10 stations are stored automatically for each frequency band.

Note:

Any stations previously stored on the preset positions are deleted.

SETTINGS



... using a manual search

- 1 Press »**TUNER**« to switch on the device.
– Display: the waveband (»*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.
- 4 Tune to the station you want and then briefly press »**PROGRAM AUTO PRESET**« on the remote control.
Display: »**MEMORY**« flashes along with the frequency of the station.
- 5 Select the preset position using »**1...0, +10**« on the remote control.
- 6 Press »**PROGRAM AUTO PRESET**« on the remote control to store the station.
Display: the waveband and the frequency, followed by the station name.
- 7 To store more stations repeat steps **3** to **6**.

Note:

- If a station transmits RDS information, the stereo system will store its name.
– Display: for example »*FM 95.70*«, followed by the station name.


Deleting settings

This function enables you to delete all the stored settings.

- 1 With the device on, press the »**RESET**« button on the bottom of the device using an implement such as a paper clip.

GENERAL FUNCTIONS

Switching on and off

- 1 Press »**ON/OFF**« on the device or »« on the remote control to switch on the stereo system from stand-by mode.
 - 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**« – CD mode
- »**AUX**« – External device mode

- 2 Press »**ON/OFF**« on the device or »« on the remote control to switch the stereo system to stand-by mode.

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 desired input source by pressing »**TUNER**«, »**CD**« or »**AUX**« on the device or the remote control.
 - Display: »*FM 87.50*«, »**CD**« or »**AUX**«.

Adjusting the volume

- 1 Press »- **VOLUME** +« to adjust the volume.
 - Display: briefly »**VOL**« (from »**0**« to »**50**«).

Muting

This function enables you to mute the device.

- 1 Press »**MUTE**« on the remote control to switch the sound on or off.
 - Display: »**MUTE**« flashes.



GENERAL FUNCTIONS

Sound settings

You can select between five different sound settings:

You can select between »POPS«, »ROCK«, »CLASSIC«, »JAZZ« and »FLAT« according to the type of music you are listening to.



POPS

- 1 Select the sound setting by pressing »**DSC**«.
– Display: »POPS«, »ROCK«, »CLASSIC«, »JAZZ« or »FLAT«.

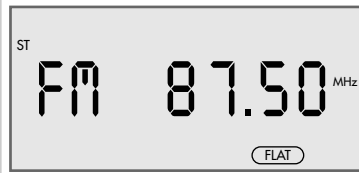


X-BASS

Boosting the bass

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

TUNER MODE



Selecting the Tuner as the source

- 1 Select the input source using the »**TUNER BAND**« button.
– Display: the radio station last selected.



Selecting a preset station

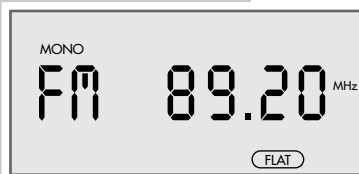
- 1 Select the frequency band (FM or MW) by pressing the »**TUNER BAND**« button.
- 2 Select the preset position by pressing the »**NEXT PRESET**« button on the device.
– Display: briefly the preset position, then »FM 87.50« or the name of the station.

or

- Select the preset position directly using »**1...0, +10**« on the remote control.
– Display: briefly the preset position, then »FM 87.50« or the name of the station.

Stereo/mono reception

If the device is receiving an FM stereo programme »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.



- 1 Press »**STEREO/MONO**« on the remote control to switch to mono reception.
– Display: »MONO«.
- 2 To switch back to FM stereo press »**STEREO/MONO**« on the remote control.
– Display: »ST«.

TUNER MODE

RDS station service

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 »RDS«.

Note:

It may take some time before all the RDS information is available.

Searching for RDS stations

- 1 Select the function by pressing »**RDS**« on the remote control.
Display: »RDS« and »RDS ON«.
- 2 Select the RDS station you want to hear by pressing and holding down »|◀◀◀◀« or »▶▶▶▶|«.
– The device searches for an RDS station.

or

Select an RDS station directly from the station memory using »**1...0, +10**« on the remote control.

Display: briefly the preset position, then »FM 87.50«, then the name of the station.

Note:

If you select »*RDS ON*«, but no station transmitting RDS information can be received »RDS« flashes in the display.

Calling up RDS information

- 1 Keep pressing »**DISPLAY**« on the remote control.
– The display first shows the frequency, then the station type, then the time, the Radiotext, the station name and finally the frequency again.



TUNER MODE

RDS time

Some stations transmit RDS time information.



- 1 To call up RDS time information, keep pressing »DISPLAY« on the remote control until »CT« appears in the display.
 - After a short time you will see the current time in the display.

Note:

The time display is updated every minute. The accuracy depends on the information transmitted by the station itself. You must be tuned to the RDS station for several minutes before the time information can be received.

If no RDS information is transmitted, »NO CT« appears in the display, »CT« goes out and the name of the station appears after a short time.



Radiotext

Some RDS stations transmit information known as Radiotext. This is additional information about the station and its programmes. 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.



- 1 To call up Radiotext keep pressing »DISPLAY« on the remote control 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 no Radiotext is transmitted, »NO RT« appears in the display, »RT« goes out and the name of the station appears after a short time.



CD MODE

Basic CD mode functions



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

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 stereo system. An adapter is not necessary.

A rectangular display screen showing the text "CD" in a large, bold, digital font. Below the screen is a small oval button labeled "FLAT".

CD

FLAT

A rectangular display screen showing the text "NO DISC" in a large, bold, digital font. Below the screen is a small oval button labeled "FLAT".

NO DISC

FLAT

A rectangular display screen showing the text "OPEN" in a large, bold, digital font. Below the screen is a small oval button labeled "FLAT".

OPEN

FLAT

A rectangular display screen showing the text "12 60:35" in a large, bold, digital font. Below the screen is a row of 12 small numbered buttons (1-12) and a small oval button labeled "FLAT".

12 60:35

1 2 3 4 5 6 7 8 9 10 11 12

FLAT

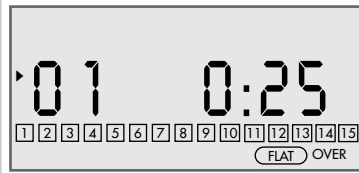
Selecting the CD input source

- 1 Select the input source using the »CD« button.
 - If there is no CD in the compartment, the messages »CD«, and afterwards »NO DISC« appear.
 - If there is already a CD in the compartment, the message »CD« appears in the display, followed by the number of tracks and the total playing time. The device then starts playback automatically.

Inserting a CD

- 1 Press »▲« on the device to open the CD compartment.
 - The CD compartment opens.
 - Display: »OPEN« then »CD«.
- 2 Place the CD in the compartment with the printed side facing upwards.
- 3 Press »▲« on the device to close the CD compartment.
 - Display: »CLOSE«, the device "reads" the content of the CD.
 - The overall number of tracks and the total playing time appear in the display, for example »12 60:35«. If the CD has more than 15 tracks, »OVER« appears in the display.

CD MODE



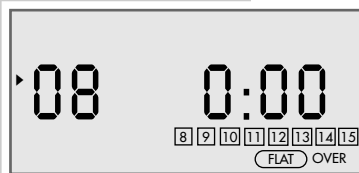
CD playback

- 1 Press »**CD ▶II**« to start playback.
 - Playback begins with the first track.
 - Display: »▶«, the current track number and the elapsed playing time of the track.Playback stops at the end of the CD.
- 2 To pause playback, press »**CD ▶II**«.
 - Display »**II**«, the elapsed playing time of the track flashes.
- 3 To resume playback, press »**CD ▶II**«.
- 4 To stop playback, press »**■**«.



Selecting a different track

- 1 To select the a previous or subsequent track during playback keep pressing »|◀◀◀◀ or ▶▶▶▶|« until the number of the track you want to hear appears in the display
or
Select the desired track using the »**1...0**« and »**+10**« buttons on the remote control.
 - Playback of the selected track starts automatically.



Repeating the current track

- 1 Briefly press »|◀◀◀◀ during playback.
 - The track is repeated from the beginning.

CD MODE

Special CD mode features

Searching for a passage within a track

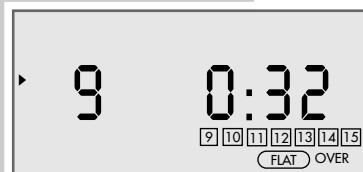
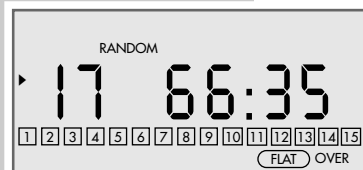
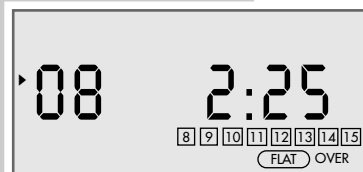
- 1 During playback, press »|◀◀ ◀◀◀◀ or »▶▶ ▶▶|◀ and hold it down until you find the desired passage.
When »|◀◀ ◀◀◀◀ or »▶▶ ▶▶|◀ are released, the playback begins.
– Display: the current track and playing time.

Note:

During the search the volume is reduced.

Playing back tracks in random order

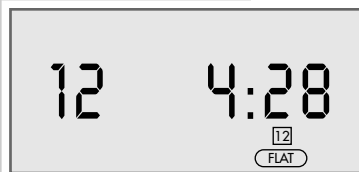
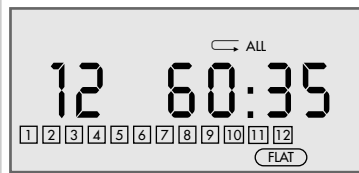
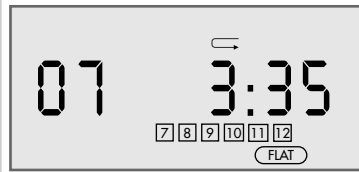
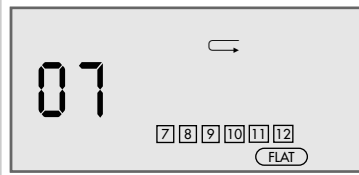
- 1 Select the function by pressing »**RANDOM**◀ on the remote control.
– Display: »RANDOM◀.
- 2 Press »**CD ▶II**◀ to start playback.
– The tracks on the CD are played back in random order.
- 3 To quit this function, press »**RANDOM**◀ on the remote control.
– Display: »RANDOM◀ disappears.
– The tracks are played back in numerical order.



CD MODE

Repeating a track (Repeat one)

- 1 Select the track you want to hear by pressing »|◀◀ ◀◀◀◀ or »▶▶ ▶▶|◀.
- 2 Select the Repeat function by pressing »REPEAT◀◀ on the remote control.
– Display: »◁▷◁.
- 3 Press »▶▶||◀◀ to start playback.
– The track is repeated.
- 4 To quit this function, press »REPEAT◀◀ on the remote control twice.
– Display: »◁▷◁◀◀ disappears.



Repeating all tracks (Repeat Disc)

- 1 Select the Repeat function by pressing »REPEAT◀◀ on the remote control twice.
– Display: »◁▷◁ ALL◀◀ and all of the tracks are repeated.
- 2 Press »▶▶||◀◀ to start playback.
– The CD is repeated from the beginning.
- 3 To quit this function, press »REPEAT◀◀ on the remote control.
– Display: »◁▷◁ ALL◀◀ disappears.

CD MODE

Creating a track memory – playing back tracks in selected order

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 stored more than once.

Selecting and storing tracks and playing back the track memory

- 1 Place a CD in the CD compartment.

Note:

The device must be in the STOP position.

- 2 Select the function by pressing »PROGRAM AUTO PRESET« on the remote control.
– Display: »MEMORY«, »- - - -« and »P-01«.

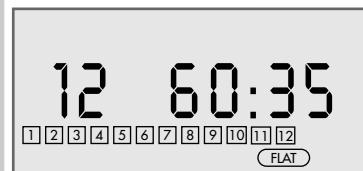
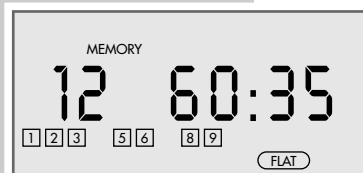
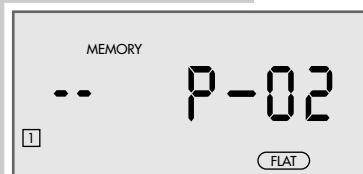
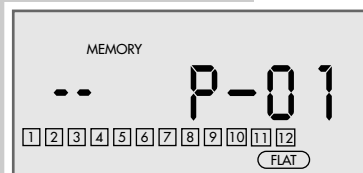
- 3 Select the desired track using »1...0« (and »+10«) on the remote control.
– Display: »01« (for the first track) and »P-01« (memory position).

- 4 Press »PROGRAM AUTO PRESET« on the remote control to store the track.

Note:

Repeat steps 3 and 4 to store the other tracks.

- 5 To start playback of the track memory press »CD ►||«.
– Playback begins with the first programmed track.



Deleting the track memory

- 1 Press »■« when the CD is in the STOP position.

or

Press »▲« on the device.

– Display: »MEMORY« disappears.

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 off the stereo system at a pre-set time.

Switch-on timer

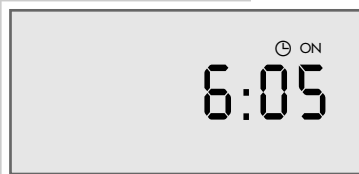
Setting the switch-on timer

Note:

You can perform this setting while the device is on or while it is in stand-by mode.

The clock on the device must have been set.

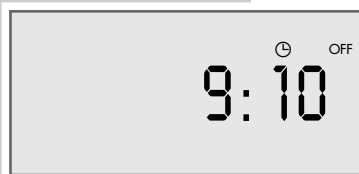
The device switches on with the input source last selected.



- 1 Press »TIMER/SNOOZE«.**
- Display: »⌚«. »ON« and the current timer data flash.

- 2 Set the hours for switching on using »▶▶▶▶|«.**

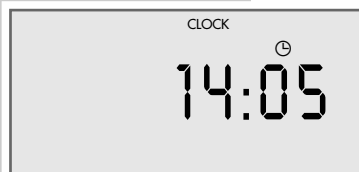
- 3 Set the minutes for switching on using »|◀◀◀◀«.**



- 4 Press »TIMER/SNOOZE«.**
- Display: »⌚«. »OFF« and the current timer data flash.

- 5 Set the hours for switching off using »▶▶▶▶|«.**

- 6 Set the minutes for switching off using »|◀◀◀◀«.**



- 7 Conclude the setting by pressing »TIMER/SNOOZE«.**
- Display: »⌚«.

TIMER MODE



Interrupting and repeating the timer function

- 1 You can interrupt the timer by pressing »**TIMER/SNOOZE**« on the device.
 - After approximately 5 minutes, the timer switches the device on again.

Note:

You can interrupt the timer several times.

Ending the switch-on timer

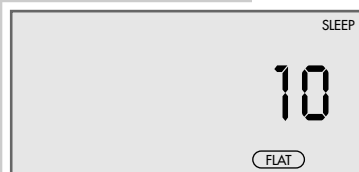
- 1 To end the switch-on timer, keep pressing »**TIMER/SNOOZE**« on the device until the »⊕« symbol disappears.
 - The wake-up function for the next day is deactivated.

or

Switch off the device by pressing »**ON/OFF**«.

- The wake-up function remains activated for the next day.

Sleep timer



Setting the sleep timer

- 1 Press »**ON/OFF**« to switch on the device.
- 2 Select the function with »**SLEEP**«.
 - Display: »10« and »**SLEEP**«.
- 3 Enter the required time (in 10 minute intervals from 10 to 120 minutes) by pressing »**SLEEP**«.
 - The stereo system switches off at the selected time.

Note:

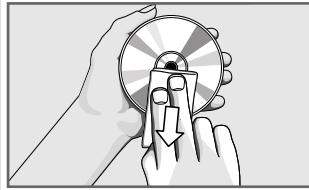
To check how much playing time remains press »**SLEEP**« once.



Ending the sleep timer

- 1 To switch off the sleep timer, switch off the device using »**ON/OFF**«. Alternatively, keep pressing »**SLEEP**« on the remote control until »**SLEEP**« disappears from the display (in which case the device 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.

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 8 W

Music power 2 x 12 W

Input sensitivity/impedance

500 mV/22 k Ω

Receiver unit

Reception range:

FM 87.5 ... 108.0 MHz

MW 522 ... 1611 kHz

CD unit

Frequency response:

20 Hz ... 20 kHz

Noise voltage ratio:

(wtd.) > 85 dB

System

Power supply:

Operating voltage 230 V~

Mains frequency 50/60 Hz

Max. power consumption 70 W

Power consumption in stand-by mode < 2 W

Dimensions and weight

Device dimensions

W x H x L 145 x 182 x 245 mm

Device weight 3.1 kg

Loudspeaker dimensions

W x H x L 130 x 170 x 197 mm


Weight per speaker 1.3 kg

Rectifying minor problems

Not every kind of sound interference is caused by a defect in your HiFi 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 cable is incorrectly connected – connect it properly. Mute is activated.
The device does not respond to button commands.	Static electrical discharge. Switch off the device – disconnect the power cable and plug it in again after a few seconds Press the »RESET« button.
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 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.

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