

**MICRO SYSTEM** 

**CDM 800** 

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#### **ENGLISH**

# SAFETY, INFORMATION













#### Safety

To ensure that this device provides you with long-term satisfaction and enjoyment, please observe the following instructions:

This device is designed for the playback of audio signals.

Any other use is expressly prohibited.

Protect the device from moisture.

When deciding where to place the device, please note that furniture surfaces are covered by various types of varnish and plastic, most of which contain chemical additives. These additives can corrode the device supports, leaving residues on the furniture surfaces which can be difficult or impossible to remove

Do not use any cleaning agent, as this may damage the casing. Clean the device with a clean, moist leather cloth.

Never open the device casing. The manufacturer accepts no liability for damage resulting from improper handling.

#### **Environmental note**

As little material as possible was used for packaging your device.

Three types of material were used: Cardboard (box), polystyrene and polyethylene (bag).

Please observe the local regulations for disposing of the packing material.

#### Information

This device is noise-suppressed according to the applicable EC 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. Never open the device casing. The manufacturer accepts no liability for damage resulting from improper handling.

The type plate is located on the bottom of the device.

## **OVERVIEW**

#### The device



#### General functions

**STANDBY b** Switches the device on and off.

The red »STANDBY« indicator lights up when the

device is switched off (except in battery mode).

**CD** Selects the input source »CD«.

**TUNER/BAND** Selects the input source »TUNER«;

Selects the frequency bands »FM« or »MW«.

**TAPE** Selects the input source »TAPE«.

**UBS** For "boosting" the bass.

**DSC** Selects the sound settings »FLAT«, »ROCK«, »POP«,

»JAZZ«, »DISCO«.

**MEMORY** For setting the clock and timer.

MODE/TIMER Switches Timer mode on and off.

+ VOLUME - Alter the volume.

**PHONES** Headphone jack (ø 3.5 mm) on the top of the device.

**DISPLAY** In mains mode: temporarily lights up the display.

In battery mode: calls up the time and temporarily

lights up the display.

#### **OVERVIEW**

# COM 500 promise the control of the c

#### **CD** mode functions

**CD OPEN/CLOSE** ▲ Opens and closes the CD compartment.

**DISPLAY** Switches from the elapsed track playing time to

the remaining track playing time.

MEMORY Calls up the function for creating a track

memory.

MODE/TIMER Calls up the Intro, Random, Repeat 1 and

Repeat All functions in succession.

Press briefly to select the next track.

Hold down to search for a particular

passage.

Press briefly to select the previous track.

Hold down to search for a particular

passage.

► II PLAY/PAUSE Starts CD playback.

Pauses playback.

■ STOP Ends CD playback.





For storing radio stations.



**|** 

Hold down to start the station search.

Press briefly to change the frequency in small

steps.

## Tape mode functions (under the cover panel)



Opens and closes the tape compartment.

Pauses recording or playback.

Stops the drive functions.

Fast forwards the tape to the end.

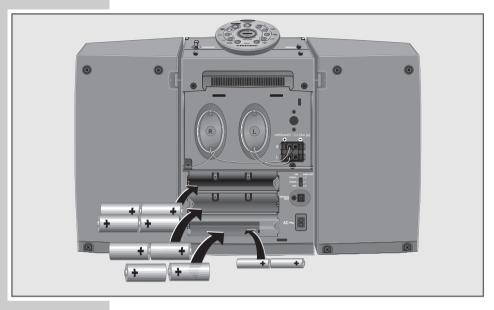
Rewinds the tape to the beginning.

Starts playback.

Starts recording.

#### **OVERVIEW**

Connections and controls on the back of the device (behind the cover panel)



RL+-

.

FM BEAT CUT
STEREO [ 2 1 1 MONO 0

**OPTICAL OUT** 

AC ~

Connections for loudspeakers supplied. **R** = right channel, **L** = left channel.

For winding up the loudspeaker cables.

Switch for FM stereo or mono reception and reducing interference while recording MW radio programmes (Beat Cut).

Audio signal output for copying a CD onto a digital recording device.

Mains socket for connecting the mains cable. The only way to disconnect the device from the mains supply is to pull out the plug.

#### The remote control



The remote control has a magnet with which it can be attached to the top of the device.

However, please note that the magnet can damage data on disks, tape recordings etc.

STANDBY () Switches the device on and off.

> In battery mode the »STANDBY Φ« button can only be used to switch off

the device

**PLAY/PAUSE** 

Starts CD playback. Pauses playback. Ends CD playback.

STOP ■

**UBS** 

For "boosting" the bass.

DSC Selects the sound settings »FLAT«, »ROCK«,

»POP«, »JAZZ«, »DISCO«.

**▲** VOLUME **▼** 

Adjusts the volume.

**R-SKIP** F-SKIP **DOWN PRESET UP**  In Tuner mode: calls up the previous or

next preset station.

In CD mode: selects the next or previous track. Hold down to search for a particular passage.

**SLEEP** Activates the sleep timer function.

**MODE/TIMER** Switches Timer mode on and off.

**TUNER/BAND** Selects the input source »TUNER«.

Selects the frequency bands »FM« or »MW«.

CD Selects the input source »CD«.



## Inserting the batteries in the remote control

- Open the battery compartment by twisting off the lid.
- 2 When inserting the batteries (micro type, for example, AAA UM4 RO3) observe the polarity marked on the base of the battery compartment.



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.



Batteries, including those which are heavy metal-free, may not be disposed of with household waste. Please dispose of used batteries in and environmentally sound way, for example at public collection points. Find out about the legal regulations which apply in your area.





## **POWER SUPPLY**



## **Mains operation**

#### Note:

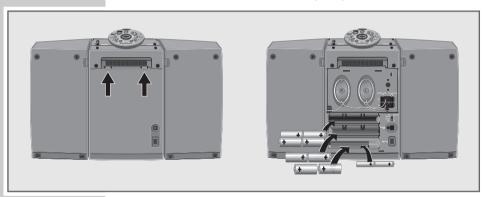
Check if the mains voltage on the type plate (on the bottom of the device) corresponds to your local mains supply.

The only way to disconnect the device from the mains supply is to pull out the plug.

- Plug the mains cable supplied into the socket »AC ~ « on the device.
- Insert the mains cable plug into the mains socket.

## **Battery operation**

- 1 Unplug the mains cable from the device and remove the cover panel on the back of the device by pressing the snap-catches and removing the lid.
- 2 Insert eight batteries (C-cell, LR14 or AM2), observing the polarity marked on the bottom of the battery compartment.



## Memory back-up batteries

In order to preserve saved settings while the device is switched off, two additional back-up batteries must be inserted. Insert the batteries (Alkaline AAA R03/UM4) into the battery compartment. These batteries must always be inserted, regardless of the power supply (network or battery operation).

#### Note:

Remove the batteries when they are flat or when you know that the device will not be used for a long period of time. No liability is accepted for damage resulting from leaking batteries. The batteries are switched off during mains operation.

#### **Environmental note:**

Batteries, including those which are heavy metal-free, may not be disposed of with household waste. Please dispose of used batteries in and environmentally sound way, for example at public collection points. Find out about the legal regulations which apply in your area.

## 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:

- 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).

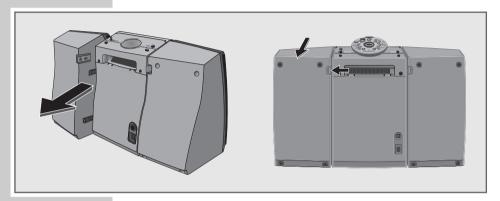
As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- 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 oft the lead – not simply over the two wires.

## Attaching the loudspeakers to the device

- Place the loudspeaker in the guide from behind and slide it on to the device casing.
- 2 To take off the loudspeaker push out the locking mechanism and slide back the loudspeaker.



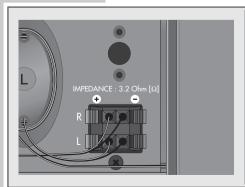
## Connecting the loudspeakers

1 Connect the loudspeakers to the »R L + -« terminals on the back of the device.

To insert the speaker cables press the spring buttons on the terminals. Insert the »-« wire of the cable into the black (-) terminal and the »+« wire (marked) into the red terminal.

#### Note:

Once you have connected the loudspeakers to the device you can wind the loudspeaker cables around the brackets.





## **VOLUME/TONE**

## Switching on/off

- 1 Use the **STANDBY** O w button to switch the device on or off.
  - The red »STANDBY« indicator lights up in mains mode when the device is switched off.

## Adjusting the volume

- 1 Adjust the volume using the »-VOLUME + « buttons.
  - Display: »VOL OO« to »VOL 60«.

## **Digital Sound Control**

- 1 Press » DSC« several times to select the desired sound effect.
  - Display: »FLRT«, »ROCK«, »POP«, »JRZZ« or »DISCO«.

## **Ultra Bass System**

- 1 Press » **UBS**« on the device to switch the Ultra Bass system on and off.
  - Display: briefly »UB5 ON«, then »UBS«.

## **Headphones**

- 1 Connect the headphones to the »PHONES« jack (ø 3.5 mm).
  - This automatically switches off the loudspeakers.

#### Note

Prolonged listening at loud volumes on headphones can damage your hearing.

VOL 2 D

FLRT

UBS ON

## **RADIO MODE**

#### **Antennas**

For FM (VHF) stations extend the telescopic antenna and tilt and turn it to achieve the best reception.

#### Note:

If the FM signal is too strong, it is advisable to push in the telescopic antenna.

#### In case of poor reception:

If your FM stereo reception is impaired by interference due to insufficient signal strength, this can sometimes be rectified by setting the **\*\*FM**« switch to **\*\*MONO**«.

The »((STEREO))« light goes out and the FM station is played in MONO.

2 The radio has a built-in rod antenna for MW reception. Turn the device to point the antenna.

## 30

## **RADIO MODE**

## **Tuning to radio stations**

You can store up to 30 radio stations (FM and MW).

- 1 Press » **STANDBY** & to switch on the device.

   The red » **STANDBY** « indicator goes out.
- 2 Select TUNER as the input source using the »TUNER/BAND« button.
   Display: »TUNER«, the selected frequency and the frequency band.
- 3 Select the frequency band (FM or MW) by pressing the »TUNER/BAND« button.
- 4 Press » | ← ← ← or » ▶ ▶ | ← on the device to tune to the required station
  - Display: for example »97.90«, »FM« and »((STEREO))« for an FM stereo station; »810« and »MW« for an MW station.

#### Note:

Briefly press » | <- <- < or > >> > | <- < to change the frequency in small steps, or hold down » | <- <- < or > >> > > | < to start the automatic station search.

- 5 Press » MEMORY « on the device.
  - Display: »97.90«, »MEMORY« flashes.
  - - Display: for example »03 97,90«.

#### Note:

Store the station number within 5 seconds, otherwise the function will end automatically without storing the station.

- 7 Select » **MEMORY** « to store the station.
  - Display: for example »03 97.90«.

## Selecting the channel position

- Select the preset station number using »DOWN PRESET« or »PRESET UP« on the remote control.
  - Display: for example »03 97.90«.

## Stereo/Mono reception

- If the device is receiving an FM stereo programme »((STEREO))« appears in the display.
- 2 If the signal of the FM stereo programme is weak, thus impairing the sound quality, use the »FM« switch to select Mono reception (»MONO« position).
  - Display: »((STEREO))« disappears.













03

97.90 m

## CD MODE



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

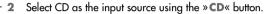
Always keep the CD compartment closed to prevent dust from collecting on the laser optics.

Do not attach adhesive labels to CDs.

Keep the surfaces of CDs clean.

## **Preparation**





- If there is no CD in the CD compartment, »NO DISE« appears in the display.



Display: »DPEN«.

4 Insert a CD in the compartment with its label facing forward.

Press »CD OPEN/CLOSE« on the device to close the CD compartment.

 Display: »ELOSE«, then »CD« followed by the number of tracks and the total playing time.

## CD playback



Playback begins with the first track.

Display: »CD«, »▶« and, for example, »01 0:02«.

By pressing »DISPLAY« on the device you can switch the display from the elapsed playing time to the remaining playing time.

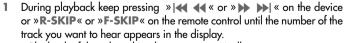
To pause playback, press »▶ **II**«.

Display: »▶ « appears and »II « flashes.

To resume playback, press » II« again.

To end playback, press »■«.

## Selecting a different track



Playback of the selected track starts automatically.

# Searching for a passage within a track

During playback press and hold down » | « or » » | « on the device or »R-SKIP« or »F-SKIP« on the remote control until you find the passage you want to hear.

#### Note:

During the search the volume is reduced.









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115

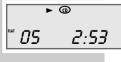
(@

0:01



ര

0:01



## CD MODE

## Repeating a track



- 1 During playback, press »MODE/TIMER« once.
  - Display: »REPEAT I« and the track is repeated.
- 2 To end this function, press »MODE/TIMER« twice.

## Repeating the whole CD (REPEAT)



- 1 During playback, press »MODE/TIMER« twice.
  - Display: "»REPEAT ALL DISC«, and the CD is repeated from the beginning.
- 2 To end this function, press »MODE/TIMER« once.

## Playing the introductions of each track



- Press » MODE/TIMER« when the CD is in the STOP position.
   Display: »INTRO«.
- 2 Press » ► II« to start playback.
  - The first ten seconds of each track is played.
- 3 To play back the whole of the current track, press »MODE/TIMER« three times.
  - The »INTRO« indicator disappears.

## Playing back tracks in random order



- Press »MODE/TIMER« twice when the CD is in the STOP position.
   Display: »RANDOM«.
- 2 Press » ► II« to start playback.
  - The tracks on the CD are played back in random order.
- 3 Exit the function by pressing »■«.
  - The »RANDOM« indicator disappears.

#### Note:

You cannot select this function if the tracks are being played back in a set sequence from the memory.

## **CD MODE**

# Playing back tracks in a selected order – creating a track memory

This function enables you to store up to 20 tracks on the current CD in a certain order and then play them back in that sequence. The same track may be stored more than once.

## Selecting and storing tracks

1 Place a CD in the CD compartment.

#### Note:

The device must be in the STOP position.

- 2 Select the function by pressing » **MEMORY** « on the device.
  - Display: »@! P-@!«, »MEMORY« flashes.
- 3 Select the track using » | ◀ ◀ « or » ▶ ▶ ) « on the device or » R-SKIP « or » F-SKIP « on the remote control.
  - Display: for example »04 P-01«.



- Display: e.g. »04 P-02«.



Repeat steps 3 and 4 to store the other tracks.

If you try to store more than 20 tracks, the track memory is deleted.

## Playing back the track memory

- Press » ► II« to start playback of the track memory.
   Playback begins with the first programmed track.
- 2 To end playback of the track memory press »■ «.

## **Deleting the track memory**

1 With the CD stopped, press » ■ « or open the CD compartment.

#### Note:

The track memory is also deleted if

- The device is switched off using the » **STANDBY O** « button.
- The mains cable is unplugged or the batteries are removed from the device.







**▶**||@

0:00

## TAPE MODE

#### Note:

You can only play tapes using the buttons on the device.



- Press » STANDBY O « to switch on the device.
- 2 Select TAPE as the input source using the »TAPE« button. Display: »TAPE« and time.
- 3 Open the tape compartment on the top right of the device.
- 4 Put a cassette in the compartment with the tape side facing upwards and the full reel on the right.
- 5 Close the tape compartment.
- 6 Open the button cover panel.

## Playback

- Press » ■« to start playback.
   Playback stops at the end of the side of the tape currently playing.
- 2 Press »II « to pause playback. To resume playback, press »II « again.
- 3 To end playback, press »■«.

## Recording

#### **Erase protection**

Every new recording overwrites the existing recording on the tape.

You can protect your own cassettes against accidental erasure by breaking the safety tabs on the top of the cassette.

Pre-recorded commercial music cassettes are already protected against accidental erasure.

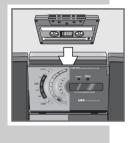
If you want to record on to a protected cassette, cover the opening with adhesive tape.

#### Note:

Only use NORMAL-type cassettes (IEC I) for recording.

CHROME (IEC II) or METAL (IEC IV) tapes are not suitable.

The volume setting and the status of the »UBS« and »DSC« buttons have no effect on the recording.



14:30



#### Recording from the radio

- Put a cassette with the protection tabs intact in the cassette compartment, and press the » < and » > « buttons to find the right position on the tape.
- 2 Select TUNER as the input source using the »TUNER/BAND« button. Display: the set frequency and waveband.
- 3 Select the preset station number using »DOWN PRESET « or »PRESET UP« on the remote control.
- 4 Press » « to start recording.
  - The »
     « button is automatically engaged.
  - The device automatically stops recording at the end of the tape.

#### Note:

If while recording MW radio programmes you notice interference, move the »BEAT CUT STEREO« switch (in the battery compartment) to a different position.

- 5 To pause the recording press »II «. Resume recording by pressing »II «.
- 6 To break off recording, press »■«.

#### Recording from a CD (CD Synchro)

- Put a cassette with the protection tabs intact in the cassette compartment, and press the » < « and » » « buttons to find the right position on the tape.
- 2 Select CD as the input source using the »CD « button.
- 3 Press » « to start recording.
  - The » 
     button engages automatically and the CD playback is started automatically from the beginning of the CD or the beginning of the stored track memory.

#### Note:

If you only want to record a particular track or passage on the CD, select it using » | ◀ ◀ « or » ▶ ▶ | « on the device or » R-SKIP« or » F-SKIP« on the remote control and press » ● « to start recording.

## Fast forward/rewinding the cassette

- 1 From the STOP position, press » ◀◀ « or » ▶▶ «.
  - » ◄ « fast forwards to the end of the tape, » ► » « rewinds to the beginning of the tape.
- 2 Press » when you reach the required position on the tape.

## TIMER MODE

## Setting the time

Press » STANDBY &« to switch off the device.

You can light up the display if you want by pressing » DISPLAY«.

- Press »MEMORY« on the device. 0:00
  - Display: »0:00 «, the hours display flashes.
  - Set the hours by pressing » | • or » • | «.
- Press »MEMORY« on the device. 12:00
  - Display: for example »12:00 «, the minutes display flashes.
  - - Hold down » | • « or » • | « to set the minutes more quickly.
  - Store the time by pressing »MEMORY« on the device.

If you do not press any button within 10 seconds the device will cancel the setting. Start again at Step 2.

## Sleep timer (falling asleep to music)

- Press » STANDBY O « to switch on the device.
- Select the function by pressing »SLEEP« on the remote control. - Display: »SLEEP« and » /20« (maximum permissible period).
- Using the »SLEEP« button on the remote control, enter the switch-off time (120, 90, 60, 45, 30 or 15 minutes).
  - After the set time has elapsed, the device shuts off.

#### Note:

You can switch off the radio before the end of the sleep period by pressing » STANDBY O«.

#### ON/OFF timer

#### Setting the ON/OFF timer

#### Note:

Use the buttons on the device to perform this setting.

Press » **STANDBY O**« to switch off the device.

You can light up the display if you want by pressing » DISPLAY«.

12:30

#### TIMER MODE



Press »MODE/TIMER«.

- Display: »TIMER« and »@:@@«, »ON« flashes.

- 3 Press »MEMORY« and enter the hours for the ON time by pressing » | **44** « or » **>> |**  «.
- Press »MEMORY« and enter the minutes for the ON time by pressing » | « « or » » » | «.
- Press »MEMORY« to store the ON time.
  - Display: »TIMER« and »20:15«, »ON« flashes.

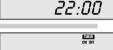
OFF 0:00

20: IS

100113

18:30

- Press »MODE/TIMER«.
- Display: »TIMER« and »0:00«, »OFF« flashes.
- Press »MEMORY« and enter the hours for the OFF time by pressing
- Press »MEMORY« and enter the minutes for the OFF time by pressing » | « « or » » » | «.
- Press »MEMORY« to save the OFF time.



10 Conclude the setting by pressing »MODE/TIMER«.

- Display: the current time, »TIMER« »ON« and »OFF« light up. The device will automatically switch on and off at the times entered.

#### Note:

If you do not select a time within 10 seconds, the device cancels the setting. Start again at Step 2.

You can also enter an ON or OFF time only.

## ON OFF TMR CLR

#### Switching off the ON/OFF timer

- Press »MODE/TIMER« and then »■«.
  - Display: »TMR ELR« flashes briefly, »TIMER«, »ON« and »OFF« then go out.

#### Note:

To re-activate the ON/OFF timer repeat the setting described here under "Setting the ON/OFF timer".

# INFORMATION



#### Tape unit

Protect your cassettes from humidity, dust, heat and cold.

Do not store your cassettes near devices with strong magnetic fields such as television sets or stereo speakers.

After using a cassette, put it back in its protective case.

To guarantee good recording and playback quality, clean the parts shown (1, 2, 3) after every 50 hours of use, or once a month.

Open the tape compartment and moisten a cotton swab with alcohol or a special head-cleaning fluid. Begin playback and clean the capstan idler (3). Then pause playback and clean the capstan (2) and the magnetic heads (1). Close the tape compartment. To clean the magnetic heads (1), you can also play a cleaning tape.



#### **CD** unit

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

You will find a symbol similar to the one shown here on the bottom of the device.

CLASS 1 LASER PRODUCT 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.

If operation 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 and the safety locking mechanism is shorted. Do not expose yourself to this radiation



#### Technical data

**Power supply** 

Mains operation: 230 V, 50/60Hz

Battery operation: 8 x 1.5 Volt (LR14, AM2)

Back-up battery:

2 x 1.5 Volt (R03/UM4 AAA)

Remote control:

2 x 1.5 Volt (R03/UM4 AAA)

**Output:** 

DIN 45324, 10% THD

Music signal power: 2 x 8000 mW

Sine wave power: 2 x 5000 mW

Radio unit

FM 87.5 ...108.0 MHz MW 522 ... 1611 kHz

Antennas:

Telescopic antenna for FM Ferrite rod antenna for MW

#### **CD** unit

Frequency response: 20 Hz ... 20 kHz

Noise voltage ratio: ≥ 65 dB

Cassette unit

Sound recording medium: Compact cassette according to DIN 45516

Tape speed: 4.76 cm/sec.

Frequency range: 80 Hz ... 10 kHz Noise voltage ratio:  $\geq$  45 dB Band speed fluctuation:  $\leq$  0.35 % Automatic recording level control

**Dimensions and weight** 

Device:

W x H x D: 170 x 275 x 210 mm

Weight: 3.15 kg

W x H x D: 143 x 275 x 205 mm

Weight: 1.15 kg

## **Troubleshooting**

If a problem occurs, first refer to this information before you take the device for repair.

If you are unable to rectify the fault using the information given here, contact your local dealer or service specialist.

Under no circumstances should you attempt to repair the device yourself, as this would invalidate the guarantee.

PROBLEM	POSSIBLE CAUSE	REMEDY
GENERAL No sound.	Volume set too low. Headphones connected. Batteries flat. Batteries incorrectly inserted. Mains cable incorrectly connected.	Increase volume. Disconnect headphones. Replace batteries. Insert batteries correctly. Connect mains cable correctly.
The device does not respond to button commands.	Static electrical discharge.	Switch off device, disconnect mains cable and plug it in again after a few seconds.
The remote control does not work.	Flat batteries.	Replace batteries.
RADIO		
Poor radio reception.	Weak radio antenna signal.  Interference from electrical devices such as televisions, video recorders, computers, neon lamps, thermostats or motors.	VHF (FM): tilt and turn telescopicantenna; possibly set FM BEAT CUT switch to; AM (MW): turn whole device. Keep radio recorder away from electrical devices.
TAPE		
Poor tape playback sound quality.	Dust and dirt on magnetic heads, capstans or idlers.	Clean magnetic heads, capstan and idler.
No tape recording.	Erase protection tab broken off.	Close the opening with adhesive tape.
CD		
Skips CD tracks.	The CD is damaged or dirty. PROGRAM or RANDOM functions active.	Replace or clean CD Switch off PROGRAM or RANDOM function.



## **GRUNDIG Kundenberatungszentrum**

#### Grundig Kundenberatungszentrum

Montags bis Freitags von 8.00 bis 19.00 Uhr

Deutschland: 0180 / 530 21 22\* Österreich: 0800 / 700 600\*

\*aebührenpflichtia

Haben Sie Fragen?

Unser Kundenberatungszentrum steht Ihnen werktags stets von 8.00 – 19.00 Uhr zur Verfügung.

Haben Sie Fragen zur Umweltverträglichkeit unserer Geräte, wenden Sie sich an die GRUNDIG Öko-Technologie, Fax: 0911/703-9213.

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