

AUS GUTEM GRUND  
**GRUNDIG**

**PORTABLE RADIO  
CD/MP3/USB PLAYER  
RCD 1445 USB**



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# RCD 1445 USB



# RCD 1445 USB

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## ENGLISH

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# SAFETY AND SET-UP

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 and the CDs from rain, moisture (dripping or splashing water), sand and heat. Do not leave it next to heaters or inside parked cars in the sun.
- Make sure there is adequate ventilation when positioning the device. There must be a free space of at least 10 cm behind the device. Do not place objects on the ventilation slots.
- Do not place any objects containing liquids (for example, vases) on the device. Do not insert any foreign bodies in the CD compartment of the device.
- Do not place any objects such as burning candles on the device.
- Bringing the device in from the cold can cause condensation on the CD lens, which prevents it from playing. Give the device time to warm up.
- Only use the device in a moderate climate.
- The CD unit contains self-lubricating bearings, which must not be oiled or greased.
- Thunderstorms are a danger to all electrical devices. Even if the device is switched off, it can be damaged by a lightning strike to the mains. Always remove the mains plug during an electrical storm.
- If malfunctions occur due to static electricity charges or fast transient (burst), reset the device. To do this, pull out the power plug and connect it again after a few seconds.
- Do not use any cleaning agent, as this may damage the casing. Clean the device with a clean, moist leather cloth.
- Please note when deciding where to put the device that furniture surfaces are covered by various types of lacquer and plastic, most of which contain chemical additives. These may cause corrosion to the feet of the device, thus resulting in stains on the surface of the furniture which can be difficult or impossible to remove.
- Never open the device casing under any circumstances. No warranty claims are accepted for damage resulting from improper handling.



Prolonged listening at loud volumes with the earphones can damage your hearing.

## General information on laser devices

CLASS 1  
LASER PRODUCT

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

# OVERVIEW

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See the figure on page 3.

## Controls


### General information

**OFF CD**  
**USB RADIO** Switches between CD, USB and RADIO input sources; switches the device off.

**ON** Operation indicator. Lights up red during operation.

**VOLUME** Adjusts the volume.

**UBS** Switches the Ultra Bass System on and off.

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

**AC~** Socket for connecting the power cord (on the back of the device).

### Radio unit

**ANTENNA** Telescopic antenna for FM (VHF) reception.

**■ MONO/ST.** Switches between mono and stereo reception.

**UP ►►**  
**DOWN ◀◀** Press briefly to change the frequency up and down in steps. Press and hold down to start a forward or reverse search.

**PROG/**  
**MEM** For saving radio stations on presets. Starts the automatic station search.

**ALBUM**  
**MEMORY UP** Selects the next preset position. Selects the next preset number when saving radio stations.

**ALBUM/**  
**MEMORY**  
**DOWN** Selects the previous preset position. Selects the previous preset number when saving radio stations.

### CD unit

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

**►||** Starts and pauses playback.

**UP ►►**  
**DOWN ◀◀** Press briefly to select the next or previous track. Press and hold down to start a forward or reverse search.

**■ MONO/ST.** Ends playback, deletes track memories.

**PROG/MEM** For saving tracks when creating a memory.

**ALBUM**  
**MEMORY UP** In MP3/USB mode: selects the next album.

**ALBUM**  
**MEMORY DOWN** In MP3/USB mode: selects the previous album.

**MODE** In CD-DA mode: for repeating a track or the entire CD. In MP3/USB mode: for repeating a file or track, all the files on an album or all the files. Selects the function random.

# OVERVIEW

## Display



00:00

In radio mode: shows the frequency, shows the preset number.

In CD-DA mode: shows the total number of tracks and the current track.

In MP3/USB mode: displays the total number of albums and the current file.

FM

In radio mode: FM (VHF) frequency band indicator.



In CD mode: indicates playback, flashes when paused.

MEM

In radio mode: flashes when a radio station is saved, lights up when tuned to a stored radio station.

In CD mode: flashes when a track memory is created and played back.

MP3

In MP3/USB mode: indicates that an MP3 CD is in use.

ALBUM

In MP3/USB mode: shows the album level.

RND

In CD mode: the tracks or titles are played back in random order.



In CD mode: flashes when a track is repeated.

In MP3/USB mode: flashes when a file is repeated.

Lights up when an album is repeated.

↻ ALL

In CD mode: lights up when the whole CD is repeated.

In MP3/USB mode: lights up when an album is repeated.



In radio mode: an FM stereo station is being received.

MHz

In radio mode: in combination with the FM frequency indicator.

## Mains operation

### Note:

- Check that the mains voltage on the type plate corresponds to your local mains supply.
- If this is not the case, contact your specialist dealer.

- 1 Plug the mains cable supplied into the »AC ~ « socket on the radio recorder (back of device).
- 2 Plug the mains cable into the wall socket.

### Caution:

- The device is connected to the mains with the power plug. To fully disconnect the device from the mains, pull out the plug.
- The mains plug is used to disconnect the device. It shall remain readily operable and should not be obstructed during intended use.

## Battery operation

- 1 Open the battery compartment by pressing the catch and removing the lid.
- 2 Insert six batteries (6 x 1.5 V/type IEC R14/UM2/C-size), observing the polarity marked on the lid of the battery compartment.
- 3 Close the battery compartment.

### Notes:

- Do not expose the batteries to extreme heat, caused for example by direct sunlight, heaters or fire.
- Remove the batteries when they are flat or when you know that the device will not be used for a long period of time.
- The manufacturer accepts no liability for damage resulting from leaking batteries.
- The batteries are switched off during mains operation.

### Environmental note:

- Batteries, including those which contain no heavy metal, 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.

# GENERAL FUNCTIONS

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## Switching on and off

- 1 Switch on the device with the required input source by moving the switch to the »**OFF CD USB RADIO**« position.
- 2 Move the »**OFF CD USB RADIO**« switch to the »**OFF**« position to switch off the device.

## Selecting the input source

- 1 Select the input source (CD, USB or RADIO) using »**OFF CD USB RADIO**«.

## Adjusting the volume


- 1 Adjust the volume with »**VOLUME**«.

## Switching the Ultra Bass System on and off

This function boosts the bass frequencies.

- 1 Switch the Ultra Bass System on and off with »**UBS**«.

## Listening with headphones

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

### Note:

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

## Automatic shutdown

If the device is in the "Stop" position for more than 15 minutes it automatically switches to Stand-by mode. For further using switch on the device again.

# RADIO MODE

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## Antennas

1 For FM stations (VHF) extend the telescopic antenna.

### Note:

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

## Selecting the radio input source

1 Move the »OFF CD USB RADIO« switch to the »RADIO« position.

## Setting and storing radio stations

### Automatic station search

- 1 Activate the station search by pressing »PROG/MEM« until the frequency display changes to rapid run-through.
- The device searches for up to 10 radio stations and then saves them. After the search has finished, the station stored in position 01 can be heard.

### Automatic station search

- 1 Activate the station search by pressing »DOWN K« or »UP P« until the frequency display changes to rapid run-through.
- The search stops when a programme is found.

### Manual station search

- 1 To move the frequency forward in steps, briefly press »DOWN K« or »UP P« several times.
- The frequency changes in steps of 50 kHz.

## Storing stations on station positions

Up to 10 stations in the FM band can be stored.

- 1 Press »DOWN K« or »UP P« to select the station.
- 2 Press »PROG/MEM« briefly to activate the memory function.
- 3 Select the desired station position with »ALBUM MEMORY UP« or »ALBUM MEMORY DOWN«.
- 4 Press »PROG/MEM« to save the station.
- 5 To store more stations, repeat steps 1 to 4.

### Note:

- You can replace a station on a preset with a new one by carrying out steps 1 to 4 as described above.

## Selecting a preset position

- 1 Select the station preset position with »ALBUM MEMORY UP« or »ALBUM MEMORY DOWN«.

## Stereo/mono reception

If the device receives an FM stereo station, »CD« 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 Switch to mono reception by pressing »■ MONO/ST.«.
- 2 Switch to stereo reception by pressing »■ MONO/ST.« again.



The device is suitable for music CDs displaying the logo shown here (CD-DA) and for CD-Rs and CD-RWs with audio data.

When burning CD-R and CD-RWs with audio files, various problems may arise which could lead to interference in 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 device. An adapter is not necessary.

## Selecting the CD input source

- 1 Move the **»OFF CD USB RADIO«** switch to the **»CD«** position.
- 2 Press **»OPEN/CLOSE«** to open the CD compartment.
- 3 Insert a CD in the compartment with its label facing upwards.
- 4 Press **»OPEN/CLOSE«** to close the lid of the CD compartment.
  - The device reads the content of the CD.
  - The total number of tracks appears in the display.

## CD playback

- 1 Press **»▶||«** to start playback.
  - Playback begins with the first track.
  - Display: the current track number.
  - Playback stops at the end of the CD.
- 2 Press **»▶||«** to pause playback pause.
- 3 Press **»▶||«** to resume playback.
- 4 Press **■ MONO/ST.«** to end playback.
- 5 Press **»OPEN/CLOSE«** to open the CD compartment and take out the CD.
- 6 Close the CD compartment.

## Repeating the current track

- 1 Press **»DOWN ⏮«** briefly during playback.
  - The track is repeated from the beginning.

## Selecting another track

- 1 During playback, keep pressing **»DOWN ⏮«** or **»UP ⏭«** until the number of the track you want to hear appears in the display.
  - Playback of the selected track starts automatically.

### Note:

- You can also select tracks in the stop position. However, you must then start playback of the track with **»▶||«**.
- In stop mode you can press and hold down **»DOWN ⏮«** or **»UP ⏭«** to select tracks more quickly.

## Searching for a passage within a track

- 1 During playback, press **»DOWN ⏮«** or **»UP ⏭«** and hold it down until you find the passage you want to hear.
  - Playback starts when you release **»DOWN ⏮«** or **»UP ⏭«**.

### Note:

- During the search the volume is reduced.

## Repeating a track (Repeat One)

- 1 During playback, press **»MODE«** once.
  - The current track is repeated.
- 2 To terminate the function, press **»MODE«** twice.

## Repeating all tracks (Repeat All)

- 1 During playback press **»MODE«** twice.
  - The whole CD is played back repeatedly.
- 2 To terminate the function, press **»MODE«** once.

## Creating a track memory

You can create a track memory of up to 20 tracks for the current CD in any order you choose and then play them back in that sequence. A track may be stored more than once. Program is only possible in the stop position.

## Selecting and storing tracks

- 1 Press »**PROG/MEM**« to call up the function.
- 2 Select the track by pressing »**DOWN** ⏮« or »**UP** ⏭«.
- 3 Press »**PROG/MEM**« to save the track.
- 4 To store more tracks, repeat steps 2 to 3.

## Playing back a track memory

- 1 Start the track memory by pressing »▶**II**«.
  - Playback begins with the first programmed file or track.
- 2 Press »■ **MONO/ST.**« to end playback.
- 3 To play the track memory again, press »**PROG/MEM**« and afterwards »▶**II**«.

## Changing the track selection

- 1 In stop mode, keep pressing »**PROG/MEM**« until the number of the track you want to replace appears in the display.
- 2 Select the number of the new track by pressing »**DOWN** ⏮« or »**UP** ⏭«.
- 3 Press »**PROG/MEM**« to save the new track.

## Adding tracks

- 1 In stop mode, press »**PROG/MEM**« until the preset number shown in the display is zero.
- 2 Select the number of the new track by pressing »**DOWN** ⏮« or »**UP** ⏭«.
- 3 Press »**PROG/MEM**« to save the new track.

## Deleting the track memory

The device must be in the stop position.

- 1 Press »**OPEN/CLOSE**« to open the CD compartment  
or  
press »■ **MONO/ST.**« while programming.

# MP3 MODE



The device is suitable for CD-Rs and CD-RWs with MP3 and WMA formats.

In MP3 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. The device reads MP3 files with a maximum of 255 files per album. An MP3 CD may not contain more than 512 files or albums in total.

When burning CD-R and CD-RWs with audio files, various problems may arise which could lead to interference in 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.

## Selecting albums and files

- 1 Select the album during playback by pressing »**ALBUM MEMORY DOWN**« or »**ALBUM MEMORY UP**«.
- 2 Select the file you want by pressing »**DOWN**« or »**UP**«.
  - Playback of the selected file starts automatically after a short time.

### Notes:

- You can also select albums and files in the stop position. However, you must then start playback of the file with »**▶**«.
- The root album is shown as number 1. However, you can only select an album if it actually contains MP3 files.

## Repeating a file (Repeat 1)

- 1 During playback, press »**MODE**« once.
  - The current file is repeated.
- 2 To quit the function, press »**MODE**« until the repeat indicator goes out.

## Repeating all the files in an album (Repeat Album)

- 1 During playback, press »**MODE**« twice.
  - All the files on the current album are played back repeatedly.
- 2 To quit the function, press »**MODE**« until the repeat indicator goes out.

## Repeating all files (Repeat All)

- 1 During playback, press »**MODE**« until »**ALL**« appears in the display.
  - The whole CD is played back repeatedly.
- 2 To quit the function, press »**MODE**« until the repeat indicator goes out.

## Playing back files in random order (Random)

- 1 In Stop mode, press »**MODE**« until »**RND**« appears in the display.
- 2 Press »**▶**« to start random playback.
  - All files on the CD are played back once in random order.
- 3 To end this function, press »**MODE**«.

# MP3 MODE

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## Creating a track memory

You can store and then play back up to 20 titles from various albums on the disc or USB memory stick in a set order. A track may be stored more than once. Program is only possible in the stop position.

### Selecting and storing files

- 1 Press **»PROG/MEM«** to call up the function.
  - Display: **»000«** for the first preset position, **»MEM«** flashes.
- 2 Select the album by pressing **»ALBUM MEMORY DOWN«** or **»ALBUM MEMORY UP«**.
- 3 Select the file you want by pressing **»DOWN ◀◀◀«** or **»UP ▶▶▶«**.
- 4 Press **»PROG/MEM«** to save the file.
  - Display: **»000«** for the second preset position, **»MEM«** flashes.
- 5 To save more files, repeat steps 2 to 4.

## Playing back titles in random order (Random)

- 1 In stop mode, keep pressing **»MODE«** until **»RND«** appears in the display.
- 2 Press **»▶II«** to start random playback.
  - All tracks on the CD are played back once in random order.
- 3 To terminate the function, press **»MODE«** again.

## Playing back a track memory

- 1 Start the track memory by pressing **»▶II«**.
  - Playback begins with the first programmed file.
- 2 Press **»■ MONO/ST.«** to end playback.
- 3 To play the track memory again, press **»PROG/MEM«** and afterwards **»▶II«**.

## Changing the file selection

- 1 In stop mode, keep pressing **»PROG/MEM«** until the number of the file you want to replace appears in the display.
- 2 Select the number of the new file or track by pressing **»DOWN ◀◀◀«** or **»UP ▶▶▶«**.
- 3 Press **»PROG/MEM«** to save the new file or track.

## Adding files

- 1 In stop mode, keep pressing **»PROG/MEM«** until the file shown in the display is zero.
- 2 Select the number of the new file by pressing **»DOWN ◀◀◀«** or **»UP ▶▶▶«**.
- 3 Press **»PROG/MEM«** to save the file.

## Deleting the track memory

The device must be in the stop position.

- 1 Press **»OPEN/CLOSE«** to open the CD compartment;  
or  
press **»■ MONO/ST.«** while programming.

# USB MODE

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The device supports most MP3 Player or USB memory sticks.

**Note:**

- The device must be switched off while the USB connection is being made. If it is not switched off, data can be lost.

## Connecting a MP3 Player or an USB memory stick



- 1 Move the »OFF CD USB RADIO« switch to the »OFF« position to switch off the device.
- 2 Connect the USB interface of the MP3 player to the »USB« socket on the device using a standard USB cable;  
or  
insert the USB plug of the USB memory stick in the »USB« socket on the device.

**Notes:**

- To remove the MP3 player or the USB memory stick, switch off the device and pull out the cable for the data medium.
- The USB socket on the device does not support a connection for a USB extension cable and is not designed for directly connecting to a computer.

## Selecting the USB input source

For MP3/WMA mode with MP3 player or USB memory stick, the same playback and search functions are available as for MP3 mode (see MP3 Mode section).

**Note:**

- The function "Creating a track memory" is not possible in USB mode.

- 1 Move the »OFF CD USB RADIO« switch to the »USB« position.
- 2 Press »▶II« to start playback.  
– Playback begins with the first track.
- 3 Press »■ MONO/ST« to end playback.

**Notes:**

- The USB socket of this device is a standard socket. Due to rapid developments in technology and new manufacturers appearing every day, the compatibility of 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 device.

**Caution:**

- 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.
- Never remove memory cards and USB devices during operation. This can damage the memory card, the USB device and the device. This type of damage will invalidate your warranty.

## Technical data



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

This product fulfils the European directives 2004/108/EC, 2006/95/EC, 2009/125/EC and 2011/65/EU.

Never open the device casing. The manufacturer will not accept any liability for damage resulting from improper handling.

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

### Power supply

Mains operation: 230 V~, 50/60 Hz

Battery operation: 6 x 1.5 V IEC  
(R14/UM2/C-Size)

### Max. power consumption

Operation: 14 W

Standby: < 0,5 W

### Output

DIN 45324, 10 % THD

Music signal power: 2 x 1.5 W

Sine wave power: 2 x 1 W

Stereo headphone jack: 3.5 mm ø

### Radio unit Frequency bands

FM 87.5 ... 108.0 MHz

### CD unit

Frequency response: 20 Hz ... 16 kHz

Noise voltage ratio: ≥ 65 dB

### MP3 features

Playback format: MP3 and WMA

File system / file management: ISO 9660 Level 1 compatible

### USB

FAT32/16 file is compatible with USB 2.0

### Dimensions and weight

W x H x L: 245 x 139 x 245 mm

Weight: 1.8 kg

## Environmental note

This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling.



Therefore, do not dispose the product with normal domestic waste at the end of its service life.

Take it to a collection point for the recycling of electrical and electronic equipment. This is indicated by this symbol on the product, in the operating manual and on the packaging. Please consult your local authorities to learn the nearest collection point.

Help protect the environment by recycling used products.

# INFORMATION

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## Troubleshooting

If a fault 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 radio recorder yourself, as this would invalidate the guarantee.

PROBLEM	POSSIBLE CAUSE	REMEDY
<b>GENERAL INFORMATION</b> No sound	The volume setting is too low The headphones are connected The batteries are flat The batteries are incorrectly inserted The mains cable is incorrectly connected	Adjust the volume, unplug the headphones Replace the batteries, insert them correctly Connect the mains cable properly
The device does not respond to button commands The device suffers malfunctions during playback	Static electrical discharge or electrical fast transient (burst)	Switch off the device, disconnect the mains cable and plug it in again after a few seconds Remove any batteries
<b>RADIO</b> Poor radio reception	Weak radio antenna signal Interference from electrical devices such as televisions, video recorders, computers, neon lamps etc.	VHF (FM): tilt and turn the telescopic antenna Keep radio recorder away from electrical devices
<b>CD</b> Playback will not start	The CD is damaged or dirty	Replace or clean the CD
The CD player skips tracks	A stored track memory is being played The RANDOM function is activated	Switch to normal playback or delete Switch off the RANDOM function
CD-Rs or CD-RWs are not being played back, or being played back incorrectly	The CD is faulty or the software or hardware settings were incorrect during burning	Check the components of your CD burner / burner software or change the CD you are using
<b>MP3</b> MP3 CD plays too fast or slowly	The sampling frequency of 44.1 kHz was not used	Burn a new MP3 CD using the correct sampling frequency

FOR A GOOD REASON

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