

TABLE RADIO

TR 2200 DAB+

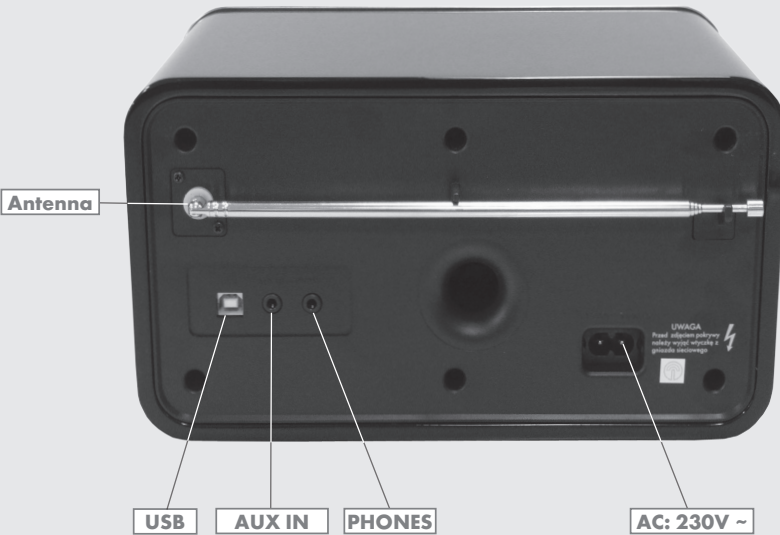


FOR A GOOD REASON

GRUNDIG



1 ... 5 Mode/Alarm Menu Sleep Select/i +5 ◀ Tuning ▶



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SAFETY AND INFORMATION

- This device is designed for the playback of audio signals.
Any other use is expressly prohibited.
- Make sure the device is protected from dripping or splashing water.
- Do not place any vessels such as vases on the device. These may be knocked over and spill fluid on the electrical components, thus presenting a safety risk.
- Do not place any naked flames such as candles on the device.
- Only use the device in a moderate climate.
- Ensure that the device is adequately ventilated by placing it at least 10 cm from any other object. Do not cover the device with newspapers, table cloths, curtains, etc.
- 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.
- 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, dry cloth.
- Never open the device casing. The manufacturer will not accept any liability for damage resulting from improper handling.
- Make sure the power plug is freely accessible.
-  Note, prolonged listening at loud volumes with the earphones can damage your hearing.

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.

The type plate is located on the back side of the device.

Power supply: 230 V~, 50/60 Hz

Max. power consumption:
Operating < 14 W, Stand-by < 1 W

Output:
DIN 45324, 10% THD 5 W

Frequency band:
DAB/DAB+ 174.928 ... 239.200 MHz
FM 87.5 ... 108.0 MHz

Dimension and weight:
B x H x T 245 x 135 x 145 mm
Weight approx. 1.75 kg

Technical and design modifications reserved.

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.

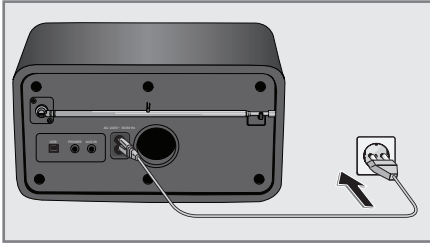
Help protect the environment by recycling used products.

POWER SUPPLY

Mains operation

Check that the mains voltage on the type plate (on the back of the device) 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: 230 V ~« socket on the device.



- 2 Plug the mains cable into the socket (230 V~, 50/60 Hz).

Caution:

- The device is connected to the mains with the power cable. Pull out the power cable when you want to completely disconnect the device from the mains.

Unplug the mains plug to disconnect the device from the mains. Make sure the power plug is easily accessible during operation and not hindered by other objects.

OVERVIEW

See the figure on page 3.

Controls on the front

Display Shows various information such as channel name, time, alarm time, volume and the menu.

ON/OFF
- + Push the button, switches the device on and off;
turn the button, adjusts the volume.
Ends the alarm.

1 ... 5 Preset buttons for storing and selecting radio stations.

Mode/Alarm In operating mode: switches between DAB, FM and AUX input sources.
In standby mode: activates/deactivates the alarm function; ends alarm stand-by; press and hold down activates the settings for alarm time and alarm mode.

Menu Opens the menu.

Sleep Sets the sleep timer.

Select/i Confirms settings.
In DAB mode: displays DAB station information.
In FM mode: displays RDS station information.

+5 Activates the second level of preset buttons 6 to 10.

◀ Tuning ▶ In DAB mode: selects DAB radio stations from the program list.
In FM mode: tunes FM radio stations.
Selects menu options.

Controls on the back

Antenna Telescopic antenna.

USB USB socket for upgrading the software of the device.

AUX IN Audio signal input (stereo/mono) for connecting to an external device.

PHONES Earphone socket (3.5 mm stereo plug).
Mono playback via earphones.

AC: 230 V ~ , 50/60 Hz Connection socket for power cable supplied.

Tuning and storing radio stations (DAB and FM) – first installation

When the device is switched on for the first time or after factory reset, the Auto Tuning System will start to scan the whole DAB bandwidth and store in the program list.

The device will then scan the FM waveband and store the first 10 radio stations as presets 1 to 10.

The time is updated automatically.

- 1 For the best DAB/FM reception, it is sufficient to extend the telescopic antenna and direct it accordingly.
- 2 Press **»ON/OFF«** to switch on the device.
 - Display: **»Welcome to«** and then **»Scanning ...«**.
 - The automatic station search starts, searches and stores the radio stations.
 - **»Preset Full«** displays that 10 FM radio stations are stored at the presets.
 - After the automatic scan, the device switches to standby, the current time lights up.

Tuning and storing DAB and FM radio stations – after a removal

You can activate the Auto Tuning System again. That is reasonable, if you will use the device in another place or search new DAB radio stations.

- 1 Press **»ON/OFF«** to switch on the device.
 - Display: the name of the radio station, e.g. **»BS akt.«**.
- 2 Open the menu with **»Menu«**.
- 3 Select the option **»System«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 4 Select the option **»ATS«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
 - Display: **»HO«**.
- 5 Select the option **»Yes«** with **»◀ Tuning ▶«** and start the automatic station search by pressing **»Select/i«**.
 - The automatic station search starts, searches and stores the radio stations.
 - After the automatic scan, the device switches to standby, the current time lights up.

Storing DAB radio stations to presets

After the automatic station search, all radio stations will be stored in the program list. You can store your favored DAB radio stations on presets 1 to 10.

- 1 Select DAB radio stations with **»◀ Tuning ▶«**.
 - Display: the name of the radio station, the radio station will be activated in 1 second.
- 2 For storing the DAB radio station on a preset, press and hold down the required preset button **»1«** to **»5«**, until **»Preset 2 stored«** appears.

Note:

- Press **»+5«** and the required preset button **»1«** to **»5«** for presets 6 to 10.

Programming DAB radio stations – manually

- 1 Select the input source DAB with **»Mode/Alarm«**.
- 2 Open the menu with **»Menu«**.
 - Display: **»Full scan«**.
- 3 Select the option **»Manual tune«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
 - Display: e.g. **»5A 174.928«** (channel and frequency of a DAB radio station).
- 4 Select the desired frequency/channel with **»◀ Tuning«** or **»Tuning ▶«**.
- 5 Press **»Select/i«** to confirm the frequency/channel.
 - Display: the signal strength.
- 6 Press **»Select/i«** to confirm the setting.
 - The DAB radio stations will be stored in the program list.

Programming FM radio stations – manually

- 1 Select the input source FM with »**Mode/Alarm**«.
- 2 Open the menu with »**Menu**«.
- 3 Confirm the option »Scan setting« by pressing »**Select/i**«.
- Display: »Strong stations«.

Note:

- You can select whether the device will scan radio stations with weak signal (display »Strong stations only«) or all radio stations (display: »All stations«).

- 4 Select the desired option with »**◀ Tuning ▶**« and confirm by pressing »**Select/i**«.
- 5 Press »**Menu**« to switching off the menu
- 6 Press and hold down »**◀ Tuning**« or »**Tuning ▶**« to search the desired radio station.
- The automatic station search starts, and stops at the next station with a strong signal;

or

press briefly »**◀ Tuning**« or »**Tuning ▶**« until you have found the frequency you want.
- The frequency changes in steps of 50 kHz.

- 7 To store the FM radio station on a preset, press and hold down the required preset button »**1**« to »**5**«, until »Preset 2 stored« appears.

Note:

- Press »**+5**« and the required preset button »**1**« to »**5**« for presets 6 to 10.

SETTINGS

Setting the clock format (12 or 24 hours)

- 1 Press **»ON/OFF«** to switch on the device.
- Display: e.g. »BS akt«.
- 2 Open the menu with **»Menu«**.
- 3 Select the option **»System«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 4 Select the option **»Time«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- Display: »Set Time/Date«.
- 5 Select the option **»Set 12/24 hour«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- Display: »Set 24 hour«.
- 6 Select the desired clock format (12 or 24 hours) by pressing **»◀ Tuning ▶«**.
- 7 Press **»Select/i«** to confirm the setting.
- 8 Press **»Menu«** to end the setting.

Updating the time – automatically

The device will normally update the time automatically, when a time signal is received. You can select from which source (DAB or FM) the update starts or you can disable this function.

- 1 Press **»ON/OFF«** to switch on the device.
- Display: e.g. »BS akt«.
- 2 Open the menu with **»Menu«**.
- 3 Select the option **»System«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 4 Select the option **»Time«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- Display: »Set Time/Date«.
- 5 Select the option **»Auto update«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- Display: »Update from«.
- 6 Select the desired source (Any = DAB and FM, or DAB or FM) from which the update starts with **»◀ Tuning ▶«**;
or select the option **»No update«**, if you want to disable the update.

- 7 Press **»Select/i«** to confirm the setting.
- 8 Press **»Menu«** to end the setting.

Updating the time – manually

- 1 Press **»ON/OFF«** to switch on the device.
- Display: e.g. »BS akt«.
- 2 Open the menu with **»Menu«**.
- 3 Select the option **»System«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 4 Select the option **»Time«** with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- Display: »Set Time/Date«.
- 5 Confirm the option **»Set Time/Date«** by pressing **»Select/i«**.
- Display: e.g. »Set time 08:30«.
- 6 Set the hours with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 7 Set the minutes with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 8 Set the day with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 9 Set the month with **»◀ Tuning ▶«** and confirm by pressing **»Select/i«**.
- 10 Set the year with **»◀ Tuning ▶«**.
- 11 Press **»Select/i«** to confirm the setting.
- Display: »Time saved«.
- 12 Press **»Menu«** to end the setting.

OPERATION

General functions

Switching on and off

- 1 Press »ON/OFF« to switch the device on and off.

Adjusting the volume

- 1 Adjust the volume using »- +«.

Adjusting the tone

- 1 Open the menu with »Menu«.
- 2 Select the option »System« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 3 Select the option »Equaliser« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
 - Display e.g.: »Loudness«.
- 4 Select the desired option with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 5 Press »Menu« to end the display.

Listening with headphones

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

Caution:

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

DAB mode

For the best DAB reception, it is sufficient to extend the telescopic antenna and direct it accordingly.

Selecting the input source DAB

- 1 Select the input source DAB with »Mode/Alarm«.
 - Display: »DAB Mode«, then the name of a DAB radio station.

Selecting stored stations

- 1 Select the station you want using the preset buttons »1« to »5« (presets 1 to 5) or using »+ 5« and the preset buttons »1« to »5« (presets 6 to 10);

or

select the desired station step by step by pressing »◀ Tuning ▶« and confirm by pressing »Select/i«.

Displaying DAB station information

- 1 To display information on the current DAB station, press »Select/i« repeatedly.
 - The following display appears in succession: Information from the provider (e.g. the title of the song, the e-mail address), the signal strength, the genre, the Ensemble (e.g. BR for Bayern), the current frequency, reference to signal interference (at optimum signal display »Signal error: 0«) the bit rate, the broadcasting format, the current time and date.

Setting Dynamic Range Control (DRC) for DAB stations

When you activate Dynamic Range Control, you can hear lower sounds better in a loud environment.

- 1 Open the menu with »Menu«.
- 2 Select the option »DRC« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
 - Display: »DRC off«.
- 3 Select the option »DRC high« or »DRC low« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 4 Press »Menu« to end the display.

Note:

- The DAB station must support DRC.

FM mode

For the best FM reception, it is sufficient to extend the telescopic antenna and direct it accordingly.

Selecting the input source FM

- 1 Select the input source FM with **»Mode/Alarm«**.
 - Display: **»FM Mode«**, then the frequency of a FM radio station.

Selecting stored stations

- 1 Select the station you want using the preset buttons **»1«** to **»5«** (presets 1 to 5) or using **»+ 5«** and the preset buttons **»1«** to **»5«** (presets 6 to 10).

Displaying RDS station informations

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

Notes:

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

- 1 Press **»Select/i«** repeatedly.
 - The following display appears in succession: The name of the radio station, radio text (if offered), station type (PTY), the current time and date.

Listening to an external source

- 1 Use a standard audio cable to connect **»AUX IN«** on the back of the device to an AUDIO OUT socket on the external equipment.
- 2 Press **»ON/OFF«** to switch on the device.
- 3 Select the input source for the external device with **»Mode/Alarm«**.
 - Display: **»AUX IN Mode«**.
- 4 Adjust the volume using **»- +«**.
- 5 Start playback on the external device.

Note:

- If no audio signal is available on socket **»AUX IN«**, the device switches automatically to Stand-by mode after 15 minutes. For further use switch on the device again.

TIMER MODE

Setting the alarm times and mode

Note:

- You can select the »Alarm Setup« menu also by pressing and holding down »Mode/Alarm« in stand by mode.

- 1 Press »ON/OFF« to switch on the device.
- Display: e.g. »BS akt.«.
- 2 Open the menu with »MENU«.
- 3 Select the option »System« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 4 Select the option »Alarm« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- Display: »Alarm Setup« flash.
- 5 Press »Select/i« drücken.
- Display: »Alarm Wizard« and »Alarm Off«.
- 6 Activate the alarm stand-by with »◀ Tuning ▶« (»Alarm On«) and confirm by pressing »Select/i«.
- Display: »On time«, the hours flash.
- 7 Set the hours with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 8 Set the minutes with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 9 Select the desired alarm mode (Daily, Once, Weekends or Weekdays) with »◀ Tuning ▶«.

Note:

- If the alarm is set to „Once“, select the date (day, month and year) with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 10 Select alarm (»Buzzer« = signal tone, »DAB« = DAB station or »FM« = FM station) with »◀ Tuning ▶« and confirm by pressing »Select/i«.

Note:

- If the alarm is set to »DAB« or »FM«, then select the desired station (only if stations are stored on presets 1 to 10) by using »◀ Tuning ▶« or select the option »Last listened« (the last listened station) and press »Select/i« to confirm.
- 11 Select the alarm volume with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- Display: »Alarm saved«.
 - 12 Press »Menu« to end the setting.
- Display: »⏏« or »🎵«.

Interrupting the alarm

- 1 Press any button - except »ON/OFF« - while the alarm is sounding.
- Display: »⏏« or »🎵« flash.
- The alarm (signal tone or radio) stops.

Note:

- The alarm will sound again depending on how often a button has been pressed (1 time = after 5 minutes, 2 times = 10 minutes, 3 times = 15 minutes, 4 times = 30 minutes. The total alarm time in 90 minutes.

Cancelling alarm stand-by

- 1 Press »ON/OFF« while the alarm is sounding.
- Display: the current time and »⏏« or »🎵«.
- The alarm (signal tone or radio) stops, but the alarm function remains activated for the next day at the same time.

Activating and deactivating the alarm


- 1 Press »ON/OFF« to switch off the device.
- 2 Press »Mode/Alarm« to deactivate the alarm stand-by.
- Display: »Alarm off« and »⏏« or »🎵« disappears.
- The set alarm time is saved
- 3 Press »Mode« to reactivate the alarm stand-by.
- Display: »Alarm on« and »⏏« or »🎵«.


TIMER MODE

Sleep Timer

The device has a sleep timer which switches off in radio mode at a preset time. It is possible to adjust the sleep time between 90 and 10 minutes in 10 minute increments.

Select the switch-off time for the sleep timer


- 1 Press »ON/OFF« to switch on the device.
- Display: e.g. »BS akt«.
- 2 Open the menu with »Sleep«.
- Display: »Set sleep time« and »Sleep off«, »« flash.

- 3 Set the switch-off time with »◀ Tuning ▶« (in 10 minutes increments) and confirm by pressing »Select/i«.
- Display: »«.

Notes:

- To check the remaining switch-off time press briefly »Sleep«.
- You can set the switch-off time also by pressing »Sleep« (in 10 minutes increments).

Switch off the sleep timer

- 1 To switch off the sleep timer earlier, select in the option »Set sleep time« the option »Sleep off« by pressing »◀ Tuning ▶« and confirm by pressing »Select/i«
- Display: »« disappears.

SPECIAL FUNCTIONS

Set the display illumination – for the stand-by mode

You can choose whether the display is always displayed in the stand-by mode or whether it disappears after 10 seconds.

- 1 Open the menu with »Menu«.
- 2 Select the option »System« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 3 Select the option »Backlight« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 4 Select the desired option (»10 sec« or »On«) with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 5 Press »Menu« to end the setting.

Note:

- The display is illuminated after pressing any button.

Set the display contrast

This can be optimized by the contrast depending on the angle of display.

- 1 Open the menu with »Menu«.
- 2 Select the option »System« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 3 Select the option »LCD contrast« with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 4 Select the contrast with »◀ Tuning ▶« and confirm by pressing »Select/i«.
- 5 Press »Menu« to end the setting.

SPECIAL FUNCTIONS

Call up the software version

- 1 Open the menu with »**Menu**«.
- 2 Select the option »**System**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«.
- 3 Select the option »**SW version**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«. – Display: actual software version.
- 4 Press »**Menu**« to end the display.

Deleting all settings (Reset)

This function enables you to reset all the custom settings back to the default settings. All settings are lost when you do this.

- 1 Open the menu with »**Menu**«.
- 2 Select the option »**System**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«.
- 3 Select the option »**Factory Reset**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«. – A safety confirmation is displayed.
- 4 Select the option »**Yes**« with »**Tuning**▶«.

Note:

- To cancel the function select the option »**No**« by pressing »◀**Tuning**«.
- 5 Press »**Select/i**« to confirm setting. – Display: »**Restarting**«.

Removing DAB radio stations from the program list

If you move to a different part of the country, you should remove DAB radio stations, which are no longer available from the program list. These DAB radio stations are marked with "?".

- 1 Open the menu with »**Menu**«.
- 2 Select the option »**Prune**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«. – A confirmation message is displayed.
- 3 Select the option »**Yes**« with »**Tuning**▶«.

Note:

- To cancel the function select the option »**No**« with »◀**Tuning**«.
- 4 Press »**Select/i**« to confirm setting.
 - 5 Press »**Menu**« to end the setting. – In the program list you will find only available radio stations.

Software Update

You can install the latest version of the software, if available.

- 1 Connect the device to a PC by means of the socket located in the battery compartment.
- 2 Open the menu with »**Menu**«.
- 3 Select the option »**System**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«.
- 4 Select the option »**Software Upgrade**« with »◀**Tuning**▶« and confirm by pressing »**Select/i**«. – A confirmation message is displayed.
- 5 Select the option »**Yes**« with »**Tuning**▶«. – Display: »**Waiting**«.

Note:

- To cancel the function select the option »**No**« by pressing »◀**Tuning**«.
- 6 Start the update program on the PC.
 - 7 Once the software is updated successfully, remove the device from the PC.

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