

Operating instructions

TECHNIRADIO 50

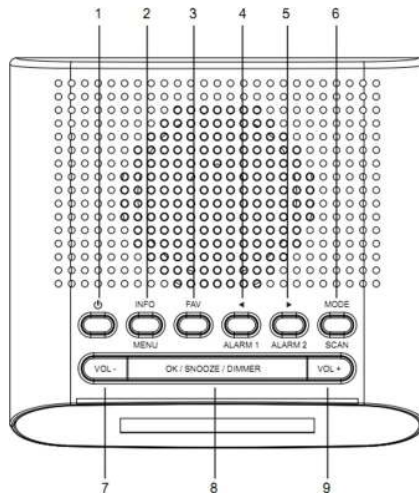
DAB+/UKW clock radio



TechniSat

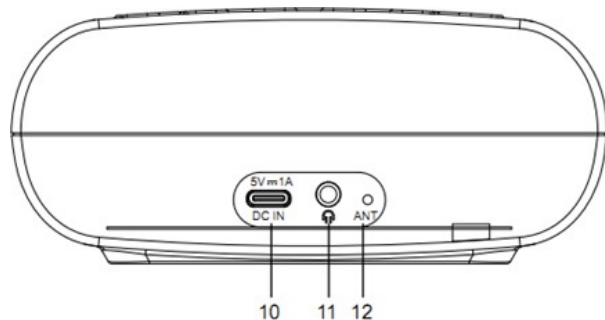
1 Illustrations

1.1 Key assignment



- 1 **On/Standby**
- 2 **INFO/MENU** Switch through displays (press briefly), open menu (press and hold briefly)
- 3 **FAV** Favourites memory
- 4 **Arrow key ◀** (selection of menu items and options/settings)
ALARM 1 (press and hold briefly: set up/activate alarm clock 1)
- 5 **Arrow key ▶** (selection of menu items and options/settings)
ALARM 2 (press and hold briefly: set up/activate alarm clock 2)
- 6 **MODE/SCAN** Mode change DAB+ and FM (press briefly), station search (press and hold briefly)
- 7 **Volume** quieter
- 8 **OK/Snooze/DIMMER** (activates the snooze function)
- 9 **Volume** louder

12 Back



- 10 **DC-IN** 5V, 1A USB-C
- 11 **Headphone connection**
- 12 **Throwing antenna**

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3 Safety instructions

3.1 Characters and symbols used



Indicates a safety instruction that can lead to serious injury or death if ignored. Observe the following signal words:

DANGER - Serious injuries with fatal consequences

WARNING - Serious injuries, possibly fatal

ATTENTION - Injuries



Indicates a note that you must observe to avoid device defects, data loss/misuse or unintentional operation. It also describes additional functions for your device.



Warning of electrical voltage. Follow all safety instructions to avoid electric shock. Never open the appliance.



Indoor use - Appliances with this symbol are only suitable for indoor use.



Protection class II - Electrical appliances in protection class II are electrical appliances with continuous double and/or reinforced insulation and no connection options for a protective conductor. The housing of an insulated electrical appliance of protection class II can partially or completely form the additional or reinforced insulation.



Your appliance bears the CE mark and fulfils all required EU standards.



Electronic devices do not belong in household waste, but must be disposed of properly in accordance with Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE). Please dispose of this device at the end of its service life at the designated public collection points.



Observe all notes and safety instructions in these operating instructions. Keep the operating instructions in a safe place for future reference. Pass these operating instructions on to the buyer when selling the appliance.



Direct current symbol. This device is operated with direct current and/or converts alternating current into direct current.

32 Intended use

The device is designed for the reception and playback of radio programmes via DAB+ and FM. The device may only be operated with the accessories supplied. Any other use of these accessories is not permitted. The device is designed for private use and is not suitable for commercial purposes. Any other use is considered improper use!

33 The target group of these operating instructions

The operating instructions are intended for any person who sets up, operates, cleans or disposes of the appliance.

34 Safe handling of the TECHNIRADIO 50

Please observe the following instructions to minimise safety risks, avoid damage to the appliance and contribute to environmental protection.

Please read all safety instructions carefully and keep them for future reference.

Always follow all warnings and instructions in these operating instructions and on the back of the appliance.



WARNING!

Never open the device or the power supply unit!

Touching live parts is life-threatening!



Observe all the following instructions for the intended use of the appliance and to prevent appliance defects and personal injury.

- Do not repair the appliance yourself. Repairs may only be carried out by trained specialists. Please contact our customer service centres.
- The device may only be operated in the specified ambient conditions.
- Do not expose the appliance to dripping or splashing water. If water gets into the appliance, disconnect it from the power supply and contact the service centre
- Do not expose the appliance to heat sources that heat the appliance in addition to normal use.
- In the event of a conspicuous appliance defect, odour or smoke development, significant malfunctions or damage to the housing, contact Service immediately.
- The appliance may only be operated with the mains voltage printed on the rating plate. Never attempt to operate the appliance with a different voltage. Only use the original mains adapter supplied.

- If the appliance or the power supply unit is damaged, it must not be put into operation.
- Do not operate the appliance near bathtubs, showers, swimming pools or running/splashing water. There is a risk of electric shock and/or device defects.
- Foreign objects, e.g. needles, coins, etc., must not fall into the interior of the device. Do not touch the connection contacts with metal objects or your fingers. This may result in short circuits.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Never allow children to use this appliance unsupervised.
- Keep films and small parts away from children. Choking hazard!
- Modifications to the appliance are prohibited.

341 Legal information



Hereby, TechniSat declares that the radio equipment type TECHNIRADIO 50 is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of conformity is available at the following Internet address:

[hGp://konf.tsat.de/?ID=24844](http://konf.tsat.de/?ID=24844)

Alternatively, you can also find the EU Declaration of Conformity in the download area of your product on the TechniSat website www.technisat.de.



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Julius-Saxler-Straße 3

D-54550 Daun/Eifel

www.technisat.de



This product is quality-tested and comes with a statutory warranty period of 24 months from the date of purchase. Please keep the invoice as proof of purchase. In the event of warranty claims, please contact the dealer of the product.



For questions and information or if there is a problem with this device, please contact our technical hotline:

Mon. - Fri. 8:00 - 18:00 under Tel.:
03925/9220 1800.



Repair orders can also be applied for directly online at www.technisat.de/reparatur.

If you need to return the device, please use only the following address:

TechniSat Digital GmbH

Service Centre
Nordstr. 4a
39418 Staßfurt

4 Setting up the appliance

- > Place the appliance on a firm, secure and horizontal surface. Ensure good ventilation.



Attention!

- > Do not place the appliance on soft surfaces such as carpets, blankets or near curtains and wall hangings. The ventilation openings could be covered. This may interrupt the necessary air circulation. This could possibly lead to an appliance fire.
- > Do not place the appliance near heat sources such as radiators. Avoid direct sunlight and locations with an unusually high level of dust.
- > The location must not be selected in rooms with high humidity, e.g. kitchens or saunas, as condensation can damage the appliance. The appliance is intended for use in a dry environment and in a temperate climate and must not be exposed to dripping or splashing water.

- > Please note that the appliance feet may leave coloured marks on certain furniture surfaces. Use protection between your furniture and the appliance.
- > Keep the TECHNIRADIO 50 away from devices that generate strong magnetic fields.
- > Do not place any heavy objects on the appliance.
- > If you move the appliance from a cold to a warm environment, moisture may condense inside the appliance. In this case, wait about an hour before operating the appliance.
- > Lay the mains cable so that nobody can trip over it.
- > Make sure that the mains cable or power supply unit is always easily accessible so that you can quickly disconnect the device from the power supply!
- > The socket outlet should be as close as possible to the appliance.
- > To connect to the mains, insert the mains plug fully into the socket.
- > Use a suitable, easily accessible mains connection and avoid using multiple sockets!

- > Do not touch the mains plug with wet hands, risk of electric shock!
- > In the event of faults or smoke and odours coming from the housing, pull the mains plug out of the socket immediately!
- > If the appliance is not to be used for a longer period of time, e.g. before travelling, unplug the mains plug.
- > Excessive volume, especially for headphones, can lead to hearing damage.

5 Description of the TECHNIRADIO 50

5.1 The scope of delivery

Please check that the scope of delivery is complete before commissioning: 1x

TECHNIRADIO 50

1x power supply unit

1x operating instructions

5.2 The special features of the TECHNIRADIO 50

The TECHNIRADIO 50 consists of a DAB+/UKW receiver with the following functions:

- You can store up to 20 DAB+ and 20 FM stations.
- The radio receives on the frequencies FM 87.5-108 MHz (analogue) and DAB+ 174.9-239.2 MHz (digital).
- The appliance has a time display.
- 2 programmable alarm times.

5.3 Preparing the TECHNIRADIO 50 for operation

5.3.1 Connecting the power supply unit

- > To do this, connect the supplied mains adapter to the socket **labelled DC-IN** on the back of the TECHNIRADIO 50. Then connect the mains adapter to the mains.



Make sure that the operating voltage of the power supply unit matches the local mains voltage before plugging it into the wall socket.



As this appliance is disconnected from the mains by unplugging the mains adapter, it is essential that it is easily accessible at all times.

532 **Align litter antenna**

The number and quality of the stations to be received depends on the reception conditions at the installation site. Excellent reception can be achieved with the throw antenna.



The exact alignment of the antenna is important, especially in the fringe areas of DAB+ reception. On the Internet, for example, you can find "www.dabplus.de" to quickly find the location of the nearest transmitter mast.



Start the first search at a window in the direction of the transmitter mast. If the weather is poor, DAB+ reception may only be possible to a limited extent.



Do not touch the antenna during playback of a station. This can lead to impaired reception and sound dropouts.

533 **Headphones use**

hearing protectors!

Do not listen to the radio at high volume via headphones. This can lead to permanent hearing damage. Before using headphones, adjust the device volume to the minimum level.



Only use headphones with a 3.5 millimetre jack plug.

- > Insert the plug of the headphones into the **headphone socket** on the back of the device. The sound is now played exclusively via the headphones, the loudspeaker is muted.
- > If you want to listen via the speakers again, unplug the headset from the headset socket on the device.

54 General device functions

54.1 Switch on the appliance t

- > First prepare the TECHNIRADIO 50 for operation as described in points 5.3.1 and 5.3.2.
- > Press the **On/Standby** button on the top of the device to switch on the TECHNIRADIO 50.



After switching on for the first time, you must first set the **language**.

To do this, use the ◀ or ▶ buttons to select one of the available languages and confirm your selection by pressing the **OK/SNOOZE/ DIMMER** button. The device then automatically performs a complete search in DAB+ mode. During the search, the display information shows indicates the progress of the digital radio stations found. Once the station search is complete, the first DAB+ programme is played.

542 Switch off the device

- > You can switch the device to standby mode by briefly pressing the **On/Standby** button. The time is shown on the display. The You can change the display brightness in standby mode by briefly pressing the **OK/SNOOZE/DIMMER** button several times or as described in section 9.4.

543 Setting the volume

- > Set the volume using the **VOL +/-** buttons. The set volume is shown on the display using a bar chart.

544 Display

Depending on the selected function or option, the **display** will show different, channel-dependent information. Briefly press the **INFO/ MENU** button several times to scroll through the information. The display brightness can be changed using the **OK/SNOOZE/DIMMER button** or as described in section 9.4.

6 Menu operation

Use the menu to access all functions and settings of the TECHNIRADIO 50. Menu navigation is carried out using the **INFO/MENU**, **OK/SNOOZE/DIMMER** buttons, **◀ / ▶**. The menu is divided into submenus and contains different menu items or functions that can be activated depending on the mode type (DAB+ or FM). To open the menu, simply press and hold the **INFO/MENU** button briefly. To switch to submenus, first press the **◀** or **▶** buttons to display a submenu and then press the **OK/SNOOZE/DIMMER** button to call up the submenu. An asterisk (*) marks the current selection.



Close menu: The menu closes automatically after a few seconds.

Otherwise, press the **INFO/MENU** button again.



Settings are only saved when the **OK/SNOOZE/DIMMER** button is pressed.
saved.



Functions and buttons to be pressed are described in these operating instructions in **feU** is shown. Display indications in **[square brackets]**.



Some texts (e.g. menu entries, station information) may be too long to be shown on the display. After a short time, these will then be displayed as a long text or abbreviated.

7 The DAB+ (digital radio) function

7.1 What is DAB+

DAB+ is a new digital format that allows you to listen to crystal-clear sound without noise. Unlike conventional analogue radio stations, DAB+ broadcasts several stations on the same frequency. This is called an ensemble or multiplex. An ensemble is made up of the radio station and several service components or data services, which are broadcast individually by the radio stations. Information e.g. at www.dabplus.de or www.dabplus.ch.

7.2 DAB+ (digital radio) reception

> Briefly press the **MODE/SCAN** button until **[DAB+]** appears on the display.



When DAB+ is started for the first time, a complete station search is performed. Once the scan is complete, the first station is played in alphanumeric order.

7.2.1 Carry out a complete search



The automatic scan **Full scan** scans all DAB+ Band III channels and thus finds all stations broadcast in the reception area.

- > To perform a complete search, briefly press and hold the **MODE/ SCAN** button.

Alternative:

- > Open the menu by briefly pressing and holding the **INFO/MENU** button and **select** the **[Full search]** menu item using the ◀ or ▶ buttons. Then briefly press the **OK/SNOOZE/DIMMER** button.



During the search, the number of channels found is displayed.  At the end of the search, the first station is displayed in alphanumeric format. Reproduced in order.



If no station is found, check the antenna and change the installation location if necessary (point 5.3.2).

7.2.2 Select transmitter

- > Press the ◀ or ▶ buttons to switch between the available stations. Press the **OK/SNOOZE/DIMMER** button to play the station.

7.2.3 Channel order

- > Open the menu by briefly pressing and holding the **INFO/MENU** button and select the menu item **[Channel range]** using the ◀ or ▶ buttons. Then briefly press the **OK/SNOOZE/DIMMER** button.
- > Use the ◀ or ▶ buttons to select either provider or alphanumeric. Press the **OK/SNOOZE/DIMMER** button to save.

7.2.4 Store DAB+ stations in a favourite memory location



The favourites memory can store up to **20 stations in the DAB+** range.

- > First select the desired channel (see point 7.2.2).
- > To save this station to a memory location, press and **hold** the **FAV** button during playback until **[Save Favourite]** appears on the display.
- > Then use the ◀ / ▶ buttons to select a memory location **1...20**. Press the **OK/SNOOZE/DIMMER** button to save.

- > Repeat this procedure to save additional transmitters.

725 Recalling DAB+ stations from a memory location

- > To call up a station that you have previously stored in the favourite memory, **briefly** press the **FAV** button and select a favourite memory (1...20) using the ◀ / ▶ buttons. Press the **OK/SNOOZE/DIMMER button** to play the station.



If no station is stored in the selected programme position, **[(empty)]** appears in the display.

726 Overwriting/deleting a programme position memory

- > Simply save a new channel to a favourite memory location as described.



All memory locations are deleted when the factory settings are called up.

727 Manual search

This menu item is used to check the reception channels and can be used to align the aerial. If the channels found are not yet in the channel list, they will be saved there.

- > Briefly press and hold the **INFO/MENU** button. Use the ◀ or ▶ buttons to select the **[Manual settings]** entry and press the **OK/SNOOZE/ DIMMER button**.
- > Use the ◀ or ▶ and **OK/SNOOZE/DIMMER** buttons to select a channel (5A to 13F). The signal strength is now shown on the display. The antenna can now be aligned for maximum signal strength.



Transmitters whose signal strength is below the required minimum signal strength do not transmit a sufficient signal. If necessary, align the antenna as described in section 5.3.2.

728 Volume control (DRC)

The DRC menu item **is used to** set the compression rate, which compensates for dynamic fluctuations and the associated volume variations.

- > Briefly press and hold the **INFO/MENU** button. Use the ◀ buttons to select or ▶ to select the **[DRC]** entry and press the **OK/SNOOZE/DIMMER** button.

- > Use ◀ or ▶ to select the compression rate:
 - DRC HIGH** -High compression
 - DRC TIEF** -Low compression
 - DRC OFF** - Compression switched off.
- > Confirm by pressing the **OK/SNOOZE/DIMMER** button.

7.2.9 Delete inactive transmitters

This menu item is used to remove old and no longer receivable channels from the channel list.

- > Briefly press and hold the **INFO/MENU** button. Use the ◀ buttons to select or ▶ to select **[Delete]** and press the **OK/SNOOZE/DIMMER** button.

The **[Delete inactive]** prompt appears, asking whether the inactive transmitters should be deleted.

- > Use ◀ or ▶ to select the entry **[Yes]** or **[No]** and confirm by pressing the **OK/SNOOZE/DIMMER** button.

8 VHF operation

8.1 Switch on FM radio mode

> Press the **INFO/MENU** button to switch to FM mode.

> The display shows **[FM]**.



When switching on for the first time, the frequency is set to 87.5 MHz.



If you have already set or saved a station, the radio will play the last station set.



The station name appears for RDS stations.



To improve reception, align the antenna (point 5.3.2).

8.2 FM (VHF) reception with RDS information

RDS is a procedure for transmitting additional information via FM stations.

Broadcasters with RDS transmit, for example, their station name or the Programme type. This is shown on the display. The device can display the RDS information **RT** (radio text), **PS** (station name), **PTY** (programme type).

83 Automatic station search

- > Briefly press and hold the **MODE/SCAN** button to start the station search. 

If an FM station with a sufficiently strong signal is found, the Scan and the station is played. If an RDS station is received, the station name and, if applicable, the radio text will appear.



To tune to weaker stations, use the manual station search function.

84 Manual station search

- > Briefly press the ◀ or ▶ buttons several times to set the desired station or frequency.



The display shows the frequency in steps of 0.05 MHz.

85 Search setting

The sensitivity of the search run can be set in this menu item.

- > Briefly press and hold the **INFO/MENU** button. Use the buttons to select ◀ or ▶ the **[Search setting]** entry and press the **OK/ SNOOZE/DIMMER** button.

- > Select whether the search should only stop for strong channels [**Only strong sig.**] or for all channels (including weak channels) [**All channels**].



With the **All channels** setting, the automatic search stops at every available channel. This can result in weak stations being played back with noise.

8.6 Audio setting

- > Briefly press and hold the **INFO/MENU button**. Use the ◀ or ▶ buttons to select the [**Force mono**] entry and press the **OK/SNOOZE/ DIMMER** button.
- > Use ◀ or ▶ to select the entry [**Yes**] or [**No**] to play back in stereo (No) or only in mono sound (Yes) when FM reception is weak.
- > Confirm by pressing the **OK/SNOOZE/DIMMER** button.

8.7 Store FM stations in a memory location



The programme memory can store up to 20 stations in the FM range.

- > First select the desired channel (see points 8.3, 8.4).

- > To save this station to a memory location, press and **hold** the **FAV** button during playback until **[Save Favourite]** appears on the display.
- > Then use the ◀ / ▶ buttons to select a memory location **1...20**. Press the **OK/SNOOZE/DIMMER** button to save.
- > Repeat this procedure to save additional transmitters.

8.8 Recalling FM stations from a memory location

- > To call up a station that you have previously stored in the favourite memory, **briefly** press the **FAV** button and select a favourite memory (1...20) using the ◀ / ▶ buttons. Press the **OK/SNOOZE/DIMMER button** to play the station.



If no station is stored in the selected programme position, **[(empty)]** appears in the display.

8.9 Overwriting/deleting a programme position memory

- > Simply save a new channel to the respective memory location as described.



All memory locations are deleted when the factory settings are called up.

9 System settings

All settings described in this section apply equally to both DAB+ and FM operation.

- > Briefly press and hold the **INFO/MENU** button. Use the ◀ or ▶ buttons to select the **[System Conf.]** entry and press the **OK/SNOOZE/ DIMMER** button.



If the menu is opened in standby mode, this starts directly with the system configuration.

9.1 Alarm clock

The TECHNIRADIO 50 has 2 programmable alarm times that can be set individually.

9.1.1 Setting the alarm timer



You can only operate the alarm function once the correct time has been set.



After a power failure, you must set the time again. The time can be updated either manually, via DAB+ or FM. Further information on this can be found under point 9.3.

The settings for **alarm 1** are now explained as an example. To confirm each setting step and skip to the next, press the **OK/ SNOOZE/DIMMER** button. To change an option, press

1. To set the two alarm time memories, press and hold one of the **Alarm 1** or **Alarm 2** pressed briefly.

Alternative:

- > Open the system configuration (see chapter "9 System settings"), use the ◀ or ▶ buttons to select the **[Alarm clock 1]** or **[Alarm clock 2]** entry and press the **OK/SNOOZE/DIMMER** button.
- > The display shows **[ALARM 1: OFF]** (for alarm 1). Use the buttons to select ◀ or ▶ **[ALARM 1: ON]** and confirm with the **OK/SNOOZE/ DIMMER** button.
- 2. **Alarm clock source:** Use the ◀ or ▶ buttons to select the source with which you would like to be woken up. You can choose between DAB+, FM or an alarm tone. Confirm your selection with the **OK/SNOOZE/ DIMMER** button.
- > If you have selected DAB+ or FM, you can then choose whether the last listened to station or a station previously stored in the favourites memory should be played.
The alarm signal is to be played back when the alarm is cancelled. Select the

option and press **OK/SNOOZE/DIMMER** to move to the next setting.

3. Then select how ok the alarm should be repeated. The following options are available:

- **Daily**: Every day at the set time
- **Once**: One-time execution
- **Weekends**: Saturdays and Sundays only
- **Working days**: Mondays to Fridays only

4. Set the **date** (**once** if the alarm clock repeats) or the **time** at which the alarm clock should start (first the hour, then the minutes). Press **OK/SNOOZE/DIMMER** to go to the next setting.

5. Select the desired alarm tone volume and press the **OK/SNOOZE/DIMMER** button for the last time to save the alarm.

- > The alarm timer is set. An alarm clock symbol is shown on the display in standby mode.

9.12 Switch off alarm clock after alarm

- > Press the **On/Standby** button to switch off the alarm.
- > Press the **OK/SNOOZE/DIMMER** button to switch on the snooze function. You can select the length of the pause between 5, 10, 15 or 30 minutes by repeatedly pressing **OK/SNOOZE/DIMMER**. A timer appears on the display with the set snooze time after which the alarm clock restarts.



The alarm clock symbol is still shown on the display if the alarm repetition is set to Daily, Weekend or Working days.

9.13 Switch off the alarm clock

- > Open the alarm clock configuration by briefly pressing and holding the **Alarm 1** or **Alarm 2 button** and select **[ALARM 1: OFF]** or **[ALARM 2: OFF]**. Press the **OK/SNOOZE/DIMMER** button to save.

92 Sleep timer

The sleep timer automatically switches the TECHNIRADIO 50 to **standby** after the set time.

- > Open the system configuration (see chapter "9 System settings"), select the **[Sleep]** entry using the ◀ or ▶ buttons and press the **OK/SNOOZE/DIMMER** button.
- > Use the ◀ or ▶ buttons to select a time after which the TECHNIRADIO 50 should switch to standby mode. You can choose between **Off, 5, 15, 30, 45, 60, 90** and **120** minutes. Press the **OK/SNOOZE/ DIMMER** button to save. An "S" appears in the display followed by the remaining time until the device goes into standby mode.

93 Time and date settings

9.3.1 Set time/date manually

Depending on the time update setting (point 9.3.2), you must set the time and date manually.

- > Open the system configuration (see chapter "9 System settings"), use the ◀ or ▶ buttons to select the **[Time setting]** entry and press the **OK/SNOOZE/DIMMER** button.

- > Use the ◀ or ▶ buttons to select the **[Time/Date]** entry and press **OK/SNOOZE/DIMMER**.
- > The first digits (hours) of the time flash and can be changed using the ◀ or ▶ can be changed.

The ▶ button increases the value, the ◀ button decreases the value.
- > Press the **OK/SNOOZE/DIMMER** button to accept the setting.
- > The next digits (minutes) of the time then flash and can also be changed as described above.
- > Press the **OK/SNOOZE/DIMMER** button after each additional setting to skip to the next setting.
- > Proceed as described above to set the date.
- > After all settings have been made and the **OK/SNOOZE/DIMMER** button has been pressed for the last time, **[Saved]** appears on the display.

9.3.2 Time update

In this submenu, you can specify whether the time should be updated automatically via DAB+ and FM (FM) or whether you want to enter it manually (point 9.3.1).

- > Use the ◀ or ▶ buttons to select the **[Auto update]** entry and press **OK/SNOOZE/DIMMER**.
- > Use the ◀ or ▶ buttons to select the following options:
 - [Update from everyone]** (update via DAB+ and FM)
 - [No update]** (time/date must be entered manually, see point 9.3.1).
- > Press the **OK/SNOOZE/DIMMER** button to accept the setting.

9.3.3 Setting the time format

You can activate the 12 or 24 hour format in the **12/24 hour** submenu.

- > Use the ◀ or ▶ buttons to select the **[12/24 hrs]** entry and press **OK/SNOOZE/DIMMER**.
- > Use the ◀ or ▶ buttons to select one of the following options:
 - [24 o'clock setting]** (for the 24-hour format)
 - [12 o'clock setting]** (for the 12-hour format)
- > Press the **OK/SNOOZE/DIMMER** button to accept.

934 Set date format

In the **Set date format** submenu, you can specify the format for displaying the date.

- > Use the ◀ or ▶ buttons to select the **[Dat. form. settings]** entry and press **OK/SNOOZE/DIMMER**.
- > Use the ◀ or ▶ buttons to select one of the following options:
 - [DD-MM-YYYY]** (day, month, year)
 - [MM-DD-YYYY]** (month, day, year)
- > Press the **OK/SNOOZE/DIMMER** button to accept.

94 Display brightness

You can set the display brightness for both operation and standby.

- > Open the system configuration (see chapter "9 System settings"), select the **[Lighting]** entry using the ◀ or ▶ buttons and press the **OK/SNOOZE/DIMMER** button.

- > Use the ◀ or ▶ buttons to select one of the following functions:

[Operation] controls the brightness in the normal, switched-on state. Here you can choose between the brightness levels **High**, **Medium** and **Low**. Use the ◀ or ▶ buttons to select a brightness level and press the **OK/SNOOZE/DIMMER** button to save.

[Autodim] adjusts the brightness to the brightness value set under **Dimming level** after approx. 5 seconds without operating the device. Furthermore, the brightness can be changed at any time during normal operation and standby by briefly pressing the **OK/SNOOZE/DIMMER** button.

95 Language

- > Open the system configuration (see chapter "9 System settings"), select the **[Language]** entry using the ◀ or ▶ buttons and press the **OK/SNOOZE/DIMMER** button.

- > Use the ◀ or ▶ buttons to select one of the available languages and confirm your selection by pressing the **OK/SNOOZE/ DIMMER** button.

9.6 Factory setting

If you change the location of the device, e.g. if you move house, you may no longer be able to receive the saved channels. In this case, you can delete all saved channels by resetting to **factory settings and** then start a new channel search.

- > Open the system configuration (see chapter "9 System settings"), use the ◀ or ▶ buttons to select the **[Factory settings]** entry and press the **OK/SNOOZE/DIMMER** button.
- > Use the ◀ or ▶ buttons to select > **[Yes]** to perform the factory setting or > **[No]** (cancel) and press the **OK/SNOOZE/DIMMER** button.

All previously saved channels and settings are deleted. The device is now in the delivery state. Proceed as described in chapter "5.4.1 Switching on the device" to complete the initial setup.

9.7 SW version

Under SW version you can query the currently installed SW version.

- > Open the system configuration (see chapter "9 System settings"), use the ◀ or ▶ buttons to select the **[System version]** entry and press the **OK/SNOOZE/DIMMER** button.
- > The currently installed Sokware version is displayed.

10 Cleaning



To avoid the risk of electric shock, do not clean the appliance with a wet cloth or under running water. Before cleaning, disconnect the mains adapter and switch off the appliance!



Do not use scouring pads, scouring powder or solvents such as alcohol or petrol.



Do not use any of the following substances: Salt water, insecticide ammonia, chlorinated or acidic solvents (ammonia).



Clean the housing with a soft cloth moistened with water.
Do not use spirits, thinners, etc.; they could damage the surface of the appliance.



Only clean the display with a soft cotton cloth. If necessary, use a cotton cloth with small amounts of non-alkaline, diluted water- or alcohol-based soapy water.



Rub the cotton cloth gently over the surface.

11 Eliminate errors

If the device does not work as intended, check it using the following table.

Symptom	Possible cause/remedy
Device cannot be switched on.	The device is not supplied with power. Connect the power supply unit correctly to the socket and to the device.
No sound can be heard.	Increase the volume.
The display does not switch on.	Disconnect the appliance from the mains and reapply power.
Reception via DAB+/FM is poor.	Change the position of the antenna or the TECHNIRADIO 50.
Device cannot be operated.	Disconnect the appliance from the mains and reapply power.

If you are still unable to rectify the fault after the checks described, please contact the technical hotline.

12 Technical data / manufacturer information

Technical changes and errors excepted.

Reception paths	DAB+, FM
Power supply	DC 5 V / 1 A via external USB-C power supply unit supplied
Frequencies	FM: 87.5-108 MHz DAB+: Band III 174-240 MHz
Power consumption	in operation max.: 5.9 W standby: 3.6 W
Audio output power	1x 2 W RMS
Weight	269 g
Operating conditions	Temperature: 0 ~ 40 °C Relative hatch humidity: 5 ~ 90% (non-condensing)
Dimensions (WxHxD)	12.5 cm x 5.3 cm x 11.7 cm

Technical data of the supplied power supply unit

Manufacturer	TechniSat Digital GmbH, Julius-Saxler-Straße 3, D-54550 Daun
Model identifier	AD0600501000EU-TYPE-C
Input voltage	AC 100 - 240 V
Input alternating current frequency	50/60 Hz
Output voltage	DC 5.0 V
Output current	1,0 A
Output power	5,0 W
Consistent efficiency in operation	74,16%
Efficiency at low load (10%)	73%
Power consumption at no load	0,48W