TechniSat TECHNIRADIO RDR 0001/3922

TechniSat TECHNIRADIO RDR Portable DAB+/FM Radio User Manual

Model: TECHNIRADIO RDR (0001/3922)

1. INTRODUCTION

The TechniSat TECHNIRADIO RDR is a portable digital and FM radio designed for on-the-go listening. It features DAB+ digital radio reception for clear, noise-free audio, as well as traditional FM radio with RDS. The device supports MP3 playback from USB storage devices and includes an AUX-IN interface for connecting external audio sources. Its compact design, replaceable battery, and integrated LED torch make it a versatile companion for various environments.

2. WHAT'S IN THE BOX

- TechniSat TECHNIRADIO RDR Portable Radio
- Mini USB Charging Cable
- Rechargeable Lithium-Ion Battery (3.7 V / 800 mAh)
- Instruction Manual

3. PRODUCT FEATURES

- **DAB+ Digital Radio:** Enjoy a wide range of digital radio programs with robust, noise-free reception.
- **FM Radio with RDS:** Tune into traditional FM stations and receive broadcast information via RDS.
- **LCD Display:** A two-line LCD provides information about the current radio program and settings.
- **Favorite Memory:** Store up to 20 DAB+ and 20 FM stations for quick access.
- **Direct Dial Buttons:** Four freely assignable buttons for instant access to preferred stations.
- **USB Playback:** Play MP3 music files directly from a connected USB data carrier.
- **AUX-IN Interface:** Connect external audio sources like smartphones or MP3 players.
- **Headphone Jack:** For private listening.
- **Integrated LED Torch:** Provides illumination in dark environments.
- **Changeable and Rechargeable Battery:** Offers up to 10 hours of portable music enjoyment.
- **Compact and Portable Design:** Easy to carry with dimensions of 12.7 cm x 2.3 cm x 5.8 cm and a weight of 124g.

4. CONTROLS AND CONNECTIONS

Front Panel Controls

Image: Front view of the TechniSat TECHNIRADIO RDR. This image displays the LCD screen, the speaker grille on the left, and the control buttons on the right. Buttons include navigation arrows (<, OK, >), numbered direct dial buttons (1-4), and function buttons (MOD, M, I, LED).

1. **LCD Display:** Shows station information, time, and menu options.
2. **Speaker:** Audio output.
3. **< / > Buttons:** Navigate menus, change stations, or adjust settings.
4. **OK Button:** Confirm selections.
5. **1-4 Buttons:** Direct access to preset favorite stations.
6. **MOD (Mode) Button:** Switch between DAB+, FM, USB, and AUX modes.
7. **M (Menu/Memory) Button:** Access menu options or save/recall presets.
8. **I (Info) Button:** Display additional information (e.g., RDS data).
9. **LED Button:** Activate/deactivate the LED torch.

Side and Rear Connections

Image: Angled view of the TechniSat TECHNIRADIO RDR, highlighting the side panel. This image shows the USB port, AUX-in jack, and headphone jack. The wrist strap attachment point is also visible.

- **USB Port (Type-A):** For connecting USB storage devices to play MP3 files.

- **AUX-IN Jack (3.5mm):** Connect external audio devices.
- **Headphone Jack (3.5mm):** For private audio listening.
- **Mini-USB Port (DC 5V):** For charging the internal battery.
- **Battery Compartment:** Located on the rear, for the replaceable Li-ion battery.

5. SETUP

5.1. Battery Installation and Charging

Image: Rear view of the TechniSat TECHNIRADIO RDR. This image shows the battery compartment cover, which can be opened to insert or replace the rechargeable Lithium-Ion battery. The DC 5V and USB labels are also visible on the side.

1. Locate the battery compartment on the rear of the device.
2. Open the battery compartment cover.
3. Insert the provided Lithium-Ion battery, ensuring correct polarity.
4. Close the battery compartment cover securely.
5. Connect the mini USB charging cable to the mini-USB port on the side of the radio and to a suitable USB power adapter (not included) or a computer USB port.
6. The battery indicator on the display will show charging status. A full charge typically takes several hours.

5.2. Initial Power On

1. After charging, disconnect the USB cable.
2. Press and hold the power button (usually integrated with the MOD button or a dedicated button, refer to specific button layout if available) to turn on the radio.
3. Upon first use, the radio may automatically initiate a DAB+ scan.

6. OPERATING INSTRUCTIONS

6.1. Mode Selection

Press the **MOD** button repeatedly to cycle through available modes: DAB+, FM, USB, and AUX.

6.2. DAB+ Radio Operation

1. Switch to DAB+ mode using the **MOD** button.
2. If it's the first time or if stations need to be updated, perform a full scan:

   - Press the **M** (Menu) button.
   - Use the **< / >** buttons to navigate to "Full Scan" and press **OK**.
   - The radio will scan for available DAB+ stations and store them.

3. To select a station, use the **< / >** buttons to browse the station list. Press **OK** to confirm.
4. To save a favorite station:

   - Tune to the desired station.
   - Press and hold the **M** button until "Preset Store" appears.
   - Use **< / >** to select a preset number (1-20) and press **OK**.

5. To recall a favorite station, briefly press the **M** button, use **< / >** to select the preset, and press **OK**. Alternatively, use the direct dial buttons **1-4** if assigned.
6. Press the **I** (Info) button to cycle through different information displays (e.g., program type, signal strength).

6.3. FM Radio Operation

1. Switch to FM mode using the **MOD** button.
2. To auto-scan for stations:

   - Press and hold the **<** or **>** button to automatically search for the next available station.

3. To manually tune, briefly press the **<** or **>** button to adjust the frequency step by step.
4. To save a favorite station, follow the same procedure as DAB+ (press and hold **M**, select preset, **OK**).
5. To recall a favorite station, briefly press **M**, select preset, **OK**, or use direct dial buttons **1-4**.
6. The radio supports RDS (Radio Data System), which displays station name and other information. Press the **I** (Info) button to cycle through available RDS data.

6.4. USB MP3 Playback

1. Insert a USB storage device (e.g., USB stick) containing MP3 files into the USB Type-A port.
2. Switch to USB mode using the **MOD** button.
3. The radio will automatically detect and start playing MP3 files.
4. Use the **< / >** buttons to skip tracks.
5. The **OK** button may function as Play/Pause.

6.5. AUX-IN Usage

1. Connect an external audio device (e.g., smartphone, MP3 player) to the AUX-IN jack using a 3.5mm audio cable (not included).
2. Switch to AUX mode using the **MOD** button.
3. Control playback and volume directly from your connected external device.

6.6. LED Torch Function

Press the **LED** button to turn the integrated LED torch on or off.

7. BATTERY INFORMATION

- The TECHNIRADIO RDR uses a replaceable 3.7V / 800 mAh Lithium-Ion battery.

- A fully charged battery provides up to 10 hours of operation, depending on usage and volume level.

- Charge the battery using the supplied mini USB cable connected to a 5V USB power source.

- To prolong battery life, avoid fully discharging the battery frequently and store the device with a partial charge if not used for extended periods.

- If the battery needs replacement, use only genuine TechniSat replacement batteries or compatible alternatives with the same specifications.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners, waxes, or solvents.

- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.

- **Water Exposure:** This device is not waterproof. Avoid exposure to water or high humidity.

- **Battery Care:** Refer to Section 7 for battery maintenance guidelines.

9. TROUBLESHOOTING

Problem	Possible Cause / Solution
No power / Device does not turn on.	- Battery is discharged. Charge the battery fully. - Battery is not correctly inserted. Check battery polarity and connection. - Battery is faulty. Replace the battery.
No DAB+ stations found.	- Poor reception area. Try moving the radio to a different location, preferably near a window. - Antenna not extended. Ensure the telescopic antenna is fully extended. - Full scan not performed. Perform a full scan in DAB+ mode.
Poor FM reception / Static.	- Weak signal. Adjust the position of the radio and antenna. - Interference from other electronic devices. Move the radio away from other electronics.
USB playback not working.	- USB device not properly inserted. Reinsert the USB device. - USB device not formatted correctly or unsupported file system. Ensure it's FAT32. - Files are not MP3 format. Only MP3 files are supported. - USB device is faulty or incompatible. Try a different USB device.
No sound from AUX-IN.	- AUX cable not connected properly. Check both ends of the cable. - Volume on external device is too low. Increase volume on the connected device. - Incorrect mode selected. Ensure the radio is in AUX mode. - Faulty AUX cable. Try a different cable.

Problem	Possible Cause / Solution

10. Specifications

General

- **Model Name:** TECHNIRADIO RDR
- **Model Number:** 0001/3922
- **Brand:** TechniSat
- **Colour:** White
- **Display Type:** LCD (Two-line)

Audio

- **RMS Power:** 1 Watt
- **Speaker Output Channel Quantity:** 1 (Mono)
- **Headphone Connectivity:** 3.5 mm Jack

Tuner

- **Tuner Technology:** DAB+ / FM
- **Radio Bands Supported:** DAB+, UKW (FM)
- **Features:** RDS (Radio Data System) for FM, Favourite Memory (20 DAB+/20 FM)

Connectivity

- **USB Connectivity:** Yes (USB Type-A for MP3 playback, Mini-USB for charging)
- **AUX Input:** Yes (3.5 mm Jack)
- **Total USB Ports:** 1 (Type-A for media, Mini-USB for power)

Power

- **Power Source:** Battery Powered
- **Battery Type:** Lithium Ion (3.7 V / 800 mAh)
- **Batteries Included:** Yes
- **Rechargeable Battery:** Yes
- **Operating Time:** Up to 10 hours (approx.)

Physical

- **Product Dimensions (W x D x H):** 12.7 cm x 2.3 cm x 5.8 cm
- **Item Weight:** 124 Grams
- **Special Features:** LED Torch

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official TechniSat website. Keep your proof of purchase for any warranty claims.