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## TechniSat TECHNIRADIO 50

# TechniSat TECHNIRADIO 50 Compact Alarm Clock Radio User Manual

Model: TECHNIRADIO 50 (0000/3997)

## 1. INTRODUCTION

The TechniSat TECHNIRADIO 50 is a compact digital alarm clock radio designed to provide a pleasant start to your day. It features DAB+ and FM radio reception, a large backlit LCD display, dual alarm functions, a headphone jack, and a USB-C power supply. This manual provides detailed instructions for setting up, operating, and maintaining your device.



Figure 1: Front view of the TechniSat TECHNIRADIO 50.

## 2. SAFETY INFORMATION

- **Power Supply:** Use only the provided USB Type-C 5V - 1A power supply or a compatible certified adapter.
- **Water Exposure:** Do not expose the device to water, moisture, or high humidity. This device is for indoor

use only.

- **Ventilation:** Ensure adequate ventilation around the device. Do not cover ventilation openings.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Temperature:** Avoid extreme temperatures. Do not place near heat sources or in direct sunlight.
- **Servicing:** Do not attempt to repair the device yourself. Refer all servicing to qualified personnel.

### 3. PACKAGE CONTENTS

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Please check that all items are present in the packaging:

- TechniSat TECHNIRADIO 50 Alarm Clock Radio
- DAB/FM Antenna
- USB Type-C 5V - 1A Power Supply
- User Manual

### 4. PRODUCT OVERVIEW

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#### 4.1. Controls and Display



#### **Großes, dimmbares LCD Display**

LCD mit Beleuchtung und separater Anzeige der Uhrzeit.

Figure 2: Top controls of the TechniSat TECHNIRADIO 50.

The TECHNIRADIO 50 features an intuitive layout of buttons on its top panel and a clear LCD display on the front.

- **Power Button:** Turns the device on/off.
- **VOL- / VOL+:** Adjusts the volume level.
- **MENU:** Accesses the main menu for settings.
- **INFO:** Displays information about the current station or settings.
- **FAV:** Accesses favorite station presets.
- **OK / SNOOZE / DIMMER:** Confirms selections, activates snooze during an alarm, or adjusts display brightness.
- **ALARM 1 / ALARM 2:** Sets or activates/deactivates Alarm 1 and Alarm 2.
- **MODE:** Switches between DAB+ and FM radio modes.
- **SCAN:** Initiates a scan for radio stations.

## 4.2. Ports

- **USB-C Port:** For connecting the power supply.
- **Headphone Jack:** For private listening.
- **Antenna Input:** For connecting the DAB/FM antenna.

## 5. SETUP

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1. **Connect Antenna:** Connect the provided DAB/FM antenna to the antenna input on the device. Extend the antenna fully for optimal reception.
2. **Connect Power:** Plug the USB Type-C power supply into the USB-C port on the back of the radio, then plug the adapter into a wall outlet.
3. **Initial Power On:** Press the **Power** button. The device will power on and may automatically begin scanning for DAB+ stations.
4. **Language Selection:** If prompted, use the navigation buttons (often VOL+/- or dedicated arrow buttons, if present, otherwise OK/SNOOZE/DIMMER to confirm) to select your preferred language (e.g., English). Confirm your selection.
5. **Automatic Time Synchronization:** The radio will automatically synchronize the time and date via DAB+ or FM RDS signals once stations are found.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Radio Operation (DAB+ / FM)

1. **Switching Modes:** Press the **MODE** button to switch between DAB+ and FM radio modes.
2. **Scanning for Stations:**
  - In DAB+ mode, press **SCAN** to perform a full scan for available digital stations.
  - In FM mode, press **SCAN** to automatically tune to the next available station.
3. **Manual Tuning (FM):** In FM mode, use the VOL+/- buttons to fine-tune the frequency manually.
4. **Adjusting Volume:** Use the **VOL-** and **VOL+** buttons to increase or decrease the audio volume.
5. **Saving Favorite Stations:**
  - Tune to the desired station.

- Press and hold the **FAV** button.
  - Use the navigation buttons to select a preset number (1-20 for DAB+, 1-20 for FM).
  - Press **OK** to confirm and save the station.
6. **Recalling Favorite Stations:** Press the **FAV** button briefly, then use the navigation buttons to select and recall a saved station.
7. **Headphone Use:** Plug standard 3.5mm headphones into the headphone jack for private listening. The internal speaker will be muted automatically.

## 6.2. Alarm Functions

The TECHNIRADIO 50 features two independent alarms (Alarm 1 and Alarm 2).

### 1. Setting an Alarm:

- Press the **ALARM 1** or **ALARM 2** button.
- Use the navigation buttons to set the alarm time (hours and minutes). Press **OK** to confirm each setting.
- Select the alarm source: **Radio** (wakes you to a preset station) or **Buzzer**.
- Choose the alarm frequency: **Daily**, **Weekdays** (Mon-Fri), **Weekends** (Sat-Sun), or **Once**.
- Set the desired alarm volume.
- Confirm all settings to activate the alarm. An alarm icon will appear on the display.

2. **Activating/Deactivating Alarms:** Briefly press the **ALARM 1** or **ALARM 2** button to toggle the alarm on or off.

3. **Snooze Function:** When an alarm sounds, press the **OK / SNOOZE / DIMMER** button to activate snooze. The alarm will pause for a set period (e.g., 9 minutes) and sound again.

4. **Stopping an Alarm:** To stop an alarm completely, press the **Power** button or the corresponding **ALARM** button.

### 5. Sleep Timer:

- Press the **MENU** button.
- Navigate to the "Sleep Timer" option.
- Select the desired duration (e.g., 15, 30, 60, 90 minutes). The radio will play for the selected duration and then automatically turn off.

## 6.3. Display Settings



Figure 3: The large LCD display showing the time.

The large LCD display shows the time, date, and radio information.

- **Brightness Adjustment (Dimmer):** Press the **OK / SNOOZE / DIMMER** button repeatedly (when no alarm is active) to cycle through different brightness levels for the display. This allows for optimal visibility in various lighting conditions, including dimming for sleep comfort.

## 7. MAINTENANCE

- **Cleaning:** To clean the device, unplug it from the power source. Use a soft, dry, lint-free cloth to wipe the surfaces. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** If storing the radio for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected properly; Power outlet not working.	Check power cable connection; Try a different power outlet.
Poor radio reception	Antenna not extended; Weak signal area; Interference.	Extend the antenna fully; Reposition the radio; Perform a full scan for stations.

Problem	Possible Cause	Solution
Alarm does not sound	Alarm is not activated; Alarm volume is too low; Incorrect alarm time/frequency.	Ensure alarm is activated (icon visible); Increase alarm volume; Verify alarm settings.
Display is too dim/bright	Display brightness setting.	Press the <b>OK / SNOOZE / DIMMER</b> button to adjust brightness.
No sound from speaker	Volume is too low; Headphones are connected.	Increase volume; Disconnect headphones.

## 9. SPECIFICATIONS

Feature	Specification
Brand	TechniSat
Model Number	0000/3997
Color	Black
Display Type	Digital LCD
Screen Size	22 Millimeters
Radio Tuner	DAB+, FM (with RDS and PLL)
Presets	20 DAB+, 20 FM
Audio Output	1 Watt
Connections	USB-C (Power), Headphone Jack
Special Features	Time and Date Display, Dual Alarm Timers, Radio/Buzzer Wake-up, Adjustable Alarm Rhythm, Snooze Function, Sleep Timer, Dimmable Display
Power Source	Electric Cable (USB Type-C 5V - 1A)
Rechargeable Battery	No
Product Dimensions (L x H)	12.5 x 5 cm
Material	Plastic

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official TechniSat website. The availability of spare parts is typically guaranteed for 1 year from the date of

purchase. For specific inquiries or technical assistance, please contact TechniSat customer service directly.