

## TechniSat DIGITRADIO 53 BT

# TechniSat DIGITRADIO 53 BT Digital Alarm Clock Radio User Manual

Model: DIGITRADIO 53 BT

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your TechniSat DIGITRADIO 53 BT. Please read this manual thoroughly before using the device and retain it for future reference.



Figure 1: Front view of the TechniSat DIGITRADIO 53 BT, displaying the time and DAB+ reception indicator.

## 2. SAFETY INFORMATION

- Ensure the power adapter is correctly connected to a suitable power outlet.
- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.

- Clean the device only with a dry, soft cloth.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- TechniSat DIGITRADIO 53 BT unit
- Power adapter (12V - 3A, 36W)
- User Manual (this document)

### 4. DEVICE OVERVIEW

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#### 4.1 Top Panel Controls



Figure 2: Top panel controls of the DIGITRADIO 53 BT.

1. **Power Button:** Turns the device on/off.
2. **MODE:** Switches between DAB+, FM, and Bluetooth modes.
3. **SCAN:** Initiates a scan for radio stations.
4. **SNOOZE/OK/Play/Pause:** Snoozes the alarm, confirms selections, or plays/pauses media.
5. **PRESET:** Accesses or saves preset radio stations.
6. **DIMMER:** Adjusts display brightness.
7. **+/- Buttons:** Adjusts volume or navigates menus.
8. **SLEEP:** Sets the sleep timer.
9. **Alarm Button:** Configures alarm settings.
10. **INFO/MENU:** Displays information or accesses the main menu.
11. **Left/Right Arrows:** Navigates through menus or tunes radio frequencies.

#### 4.2 Rear Panel Connections



Figure 3: Rear panel connections of the DIGITRADIO 53 BT.

- **DC IN:** Power input for the included adapter.
- **USB (5V 1A):** USB charging port for external devices like smartphones.
- **Headphone Jack (3.5mm):** For connecting headphones.

## 5. SETUP

### 5.1 Power Connection

1. Connect the power adapter to the **DC IN** port on the rear of the DIGITRADIO 53 BT.
2. Plug the power adapter into a wall outlet.
3. The device will power on or enter standby mode.

### 5.2 Initial Setup and Time Synchronization

Upon first power-on, the device will typically perform an automatic scan for DAB+ stations and synchronize the time.

1. Press the **Power Button** to turn on the radio.
2. The radio will automatically scan for available DAB+ stations and set the time and date. This may take a few minutes.
3. If automatic synchronization fails, you may need to set the time manually via the menu settings. Refer to Section 6.4.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off and Standby

- Press the **Power Button** ( ) to turn the radio on or off.
- In standby mode, the display will show the current time.

### 6.2 Mode Selection (DAB+, FM, Bluetooth)

- Press the **MODE** button repeatedly to cycle through available modes: DAB+ Radio, FM Radio, and Bluetooth.

### 6.3 Radio Operation (DAB+ and FM)

1. Select either DAB+ or FM mode using the **MODE** button.
2. **Scanning for Stations:** Press the **SCAN** button to automatically search for available stations.

3. **Manual Tuning (FM):** Use the **Left/Right Arrow** buttons to manually tune to a specific frequency.
4. **Preset Stations:**
  - **Saving a Preset:** Tune to the desired station, then press and hold the **PRESET** button. Use the **Left/Right Arrow** buttons to select a preset number (1-30 for DAB+, 1-30 for FM), then press **SNOOZE/OK** to confirm.
  - **Recalling a Preset:** Press the **PRESET** button briefly. Use the **Left/Right Arrow** buttons to select the desired preset, then press **SNOOZE/OK**.

## 6.4 Bluetooth Audio Streaming

1. Press the **MODE** button to select Bluetooth mode. The display will show "Bluetooth Pairing" or similar.
2. On your smartphone or other Bluetooth device, enable Bluetooth and search for "DIGITRADIO 53 BT".
3. Select "DIGITRADIO 53 BT" to pair. Once connected, you can stream audio from your device to the radio.
4. Use the **SNOOZE/OK** button to play/pause audio.

## 6.5 Alarm Settings

The DIGITRADIO 53 BT supports two independent alarm times.

1. Press the **Alarm Button** ( ).
2. Use the **Left/Right Arrow** buttons to select Alarm 1 or Alarm 2, then press **SNOOZE/OK**.
3. Configure the following settings using the **Left/Right Arrow** buttons and confirming with **SNOOZE/OK**:
  - **Alarm Time:** Set the desired wake-up time.
  - **Alarm Source:** Choose between DAB+ radio, FM radio, or a buzzer sound.
  - **Alarm Volume:** Set the desired alarm volume.
  - **Alarm Frequency:** Select "Once", "Daily", "Weekdays", or "Weekends".
4. Ensure the alarm is enabled after configuration.

## 6.6 Snooze and Sleep Timer

- **Snooze:** When the alarm sounds, press the **SNOOZE/OK** button to temporarily silence the alarm for a set period (e.g., 9 minutes).
- **Sleep Timer:** Press the **SLEEP** button repeatedly to set a sleep timer (e.g., 15, 30, 60, 90 minutes, or Off). The radio will automatically turn off after the selected duration.

## 6.7 Display Brightness (Dimmer)

The DIGITRADIO 53 BT features an automatic light sensor and manual dimmer control.

- **Automatic Dimming:** The built-in light sensor automatically adjusts the display brightness based on ambient light conditions.
- **Manual Dimming:** Press the **DIMMER** button repeatedly to cycle through different brightness levels or to override the automatic sensor.

## 6.8 USB Charging

- Connect your smartphone or other USB-powered device to the **USB (5V 1A)** port on the rear of the radio using a compatible USB cable.
- The radio will provide power to charge your device.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the radio. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the device for an extended period, disconnect it from the power supply and store it in a cool, dry place.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to maintain proper airflow.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Device not turning on.	Power adapter not connected or faulty outlet.	Check power connections. Try a different power outlet. Ensure the power adapter is the correct one supplied with the unit.
Poor radio reception (DAB+/FM).	Weak signal, antenna position, or interference.	Extend the antenna fully. Reposition the radio to a location with better signal. Perform a new station scan. Avoid placing near other electronic devices that may cause interference.
Bluetooth pairing issues.	Device not in pairing mode, or previously paired.	Ensure the radio is in Bluetooth mode. Make sure Bluetooth is enabled on your external device. Forget "DIGITRADIO 53 BT" from your device's Bluetooth list and try pairing again. Keep devices within range.
Alarm not sounding.	Alarm not set correctly or disabled.	Verify alarm time, source, volume, and frequency settings (Section 6.5). Ensure the alarm is enabled.
Display brightness issues (too dim/bright).	Manual dimmer setting or light sensor interference.	Press the <b>DIMMER</b> button to adjust brightness manually. Ensure the light sensor is not obstructed.
Clock time changes unexpectedly during Bluetooth use.	<i>Known software anomaly.</i>	This may be a software-related issue. Disconnect Bluetooth and re-synchronize time if necessary. Check the manufacturer's website for potential firmware updates.

## 9. SPECIFICATIONS

Feature	Detail
Brand	TechniSat
Model	DIGITRADIO 53 BT (0000/3941)
Color	Black

Feature	Detail
Product Dimensions (W x H x D)	24 cm x 9 cm x 8.1 cm
Weight	900 g
Display Type	Digital LCD (3.5-inch)
Radio Tuner	DAB+, FM
Audio Streaming	Bluetooth
Alarm Functions	Dual alarms, radio or buzzer, snooze, sleep timer
Special Features	Automatic display dimming (light sensor), manual dimmer, USB charging port (5V 1A)
Connectivity	3.5mm headphone jack, USB charging port
Power Source	AC Power Adapter (12V - 3A)

## 10. WARRANTY AND SUPPORT

TechniSat products are designed for reliability and performance. 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 warranty claims. For further assistance, please contact TechniSat customer service.