TechniSat DIGITRADIO 21 IR

TechniSat DIGITRADIO 21 IR DAB+/FM/Internet Built-in Kitchen Radio User Manual

Model: DIGITRADIO 21 IR

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1. INTRODUCTION

The TechniSat DIGITRADIO 21 IR is a versatile built-in kitchen radio designed for under-cabinet installation. It offers a wide range of listening options including DAB+, FM, and Internet radio, along with Bluetooth audio streaming. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device.

Key Features:

- DAB+, FM (with RDS and PLL), and Internet Radio via Wi-Fi.
- Bluetooth audio streaming for wireless music playback.
- 2.8-inch color TFT display for clear information.
- Integrated clock with alarm and sleep timer functions.
- Compact design suitable for under-cabinet mounting.
- 2W mono speaker for clear sound.

2. PRODUCT OVERVIEW

2.1 Package Contents

Ensure all items are present in the package:

- DIGITRADIO 21 IR unit
- Power adapter
- Mounting material (mounting plate, screws)
- User manual

2.2 Device Components

Figure 1: Front View. This image shows the front of the TechniSat DIGITRADIO 21 IR, highlighting the control knobs for volume and scroll/select, along with buttons for standby, mode, sleep/dimmer, scan, menu, info, and preset. The central 2.8-inch color display is also visible.

Figure 2: Rear View. This image displays the back of the radio, showing the power input and other connection ports, including a headphone jack.

The front panel features two rotary knobs (Volume and Scroll/Select) and several buttons: Standby, Mode, Sleep/Dimmer, Scan, Menu, Info, and Preset. The 2.8-inch color display provides visual feedback. The rear panel includes the power input and a headphone jack.

3. SETUP

3.1 Power Connection

1. Connect the provided power adapter to the DC IN port on the rear of the DIGITRADIO 21 IR.
2. Plug the power adapter into a suitable wall outlet.

3.2 Under-Cabinet Mounting

The DIGITRADIO 21 IR is designed for space-saving under-cabinet installation. Use the included mounting plate and screws.
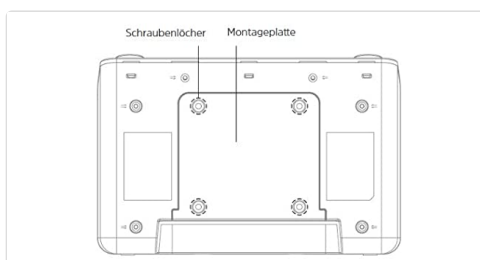

Figure 3: Mounting Diagram. This diagram illustrates how to attach the mounting plate to

the underside of a cabinet and then slide the
radio onto the plate.

Figure 4: Mounting Plate Details. This image
shows the mounting plate with its screw holes,
indicating how it attaches to the radio's base.

1. Select a suitable location under a cabinet or shelf.
2. Position the mounting plate and mark the screw holes.
3. Drill pilot holes if necessary.
4. Secure the mounting plate to the surface using the provided screws.
5. Slide the DIGITRADIO 21 IR onto the mounted plate until it clicks securely into place.

3.3 Initial Power-On and Network Configuration

1. Press the **STANDBY** button to turn on the radio.
2. Follow the on-screen prompts on the 2.8-inch color display to select your language and region.
3. The radio will guide you through connecting to your Wi-Fi network for Internet radio functionality. Use the **SCROLL/SELECT** knob to navigate menus and confirm selections.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

- **STANDBY:** Press to turn the radio on or off.
- **VOLUME knob:** Turn to adjust the sound volume.
- **MODE:** Press to switch between DAB+, FM, Internet Radio, and Bluetooth modes.
- **SCROLL/SELECT knob:** Turn to navigate menus and lists. Press to confirm a selection.
- **MENU:** Access the main menu for settings and options.
- **INFO:** Display information about the current station or track.
- **PRESET:** Access or save favorite stations.
- **SLEEP/DIMMER:** Set the sleep timer or adjust display brightness.
- **SCAN:** Initiate a scan for available radio stations in DAB+ or FM mode.

4.2 Radio Modes (DAB+, FM, Internet Radio)

Press the **MODE** button to cycle through available radio sources.

Figure 5: DAB+ Digital Radio.
Enjoy high-quality digital radio
broadcasts.

Figure 6: Internet Radio.
Access thousands of stations
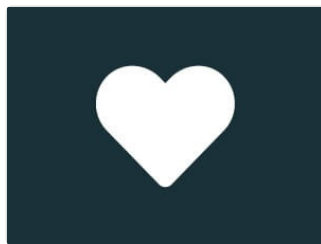worldwide via Wi-Fi.

Figure 7: UKW (FM) Radio.
Tune into local analog FM
broadcasts.

In DAB+ or FM mode, press**SCAN** to find available stations. For Internet Radio, use the**SCROLL**/**SELECT**
knob to browse stations by genre, location, or search.

4.3 Bluetooth Audio Streaming

Stream music wirelessly from your smartphone or other Bluetooth-enabled devices.

Drahtloser Musikgenuss

Mit Bluetooth-Audiostreaming

Figure 8: Bluetooth Streaming. A smartphone
displaying music playback, indicating wireless
connection to the radio.

1. Press the **MODE** button until "Bluetooth Audio" appears on the display.

2. The radio will enter pairing mode.

3. On your Bluetooth device, search for "DIGITRADIO 21 IR" and select it to pair.

4. Once paired, you can play audio from your device through the radio.

4.4 Presets

Save your favorite stations for quick access.

1. While listening to a station, press and hold the **PRESET** button.

2. Use the **SCROLL/SELECT** knob to choose a preset number (up to 30 per mode) and press to save.

3. To recall a preset, briefly press the **PRESET** button, then use the **SCROLL/SELECT** knob to select your desired station.

4.5 Alarm and Sleep Timer

The radio includes an alarm clock and a sleep timer function.

- **Alarm:** Access alarm settings via the **MENU** button. You can set multiple alarms with different sources (buzzer, radio station).
- **Sleep Timer:** Press the **SLEEP/DIMMER** button repeatedly to set a countdown timer (e.g., 15, 30, 60 minutes) after which the radio will automatically turn off.

5. MAINTENANCE

5.1 Cleaning

- Always disconnect the power adapter before cleaning.
- Wipe the radio's surface with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or strong detergents, as these can damage the finish.

5.2 Software Updates

Periodically check for software updates via the system settings menu to ensure optimal performance and access to new features. Updates are typically downloaded over your Wi-Fi connection.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Radio does not turn on.	Power adapter not connected or faulty; power outlet not active.	Check power adapter connection. Try a different power outlet. Ensure the adapter is fully inserted.
No radio reception (DAB+/FM).	Poor signal strength; antenna not extended/connected.	Ensure the antenna is fully extended. Try repositioning the radio. Perform a new station scan.
Internet Radio not working / Wi-Fi connection issues.	Incorrect Wi-Fi password; radio out of Wi-Fi range; router issues.	Verify Wi-Fi password. Move the radio closer to the router. Restart your Wi-Fi router. Check network settings on the radio.

Problem	Possible Cause	Solution
Bluetooth pairing fails.	Radio not in pairing mode; device not discoverable; interference.	1. Ensure the radio is on and in "Bluetooth Audio" mode. 2. Press and hold the **PRESET** button on the radio to initiate pairing mode if it doesn't automatically. 3. On your external device, ensure Bluetooth is enabled and it is searching for devices. 4. Select "DIGITRADIO 21 IR" from your device's Bluetooth list. 5. If issues persist, try restarting both the radio and your Bluetooth device.
Poor sound quality.	Low signal strength; volume too high/low; speaker obstruction.	Adjust volume. Check radio signal strength. Ensure speakers are not obstructed.

7. SPECIFICATIONS

Feature	Detail
Brand	TechniSat
Model Number	0001/3965
Color	White
Connectivity Technology	Bluetooth, WLAN (Wi-Fi)
Special Features	DAB+ digital radio, FM radio (with RDS and PLL), Internet radio via Wi-Fi, Bluetooth audio streaming, 2.8" color TFT display, usable as kitchen radio or standalone radio.
Supported Radio Bands	DAB+/UKW/Internetradio
Speaker Output	2W Mono Speaker
Display	2.8-inch color TFT, dimmable
Power Source	Electric cable (AC adapter)
Product Dimensions (L x W x H)	22.5 x 15.1 x 7.2 cm
Compatible Devices	Headphones

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

This product comes with a 2-year manufacturer's warranty (Gewährleistung).
For warranty claims, please refer to the specific terms and conditions provided by TechniSat at the time of purchase or on their official website. Keep your proof of purchase.

8.2 Customer Support

For further assistance, technical support, or service inquiries, please visit the official TechniSat website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the product packaging.

Note: Availability of spare parts and software updates beyond the warranty period may vary.