TechniSat DIGITRADIO 110 IR

TechniSat DIGITRADIO 110 IR User Manual

Internet Radio and DAB+ Digital Radio Adapter

1. INTRODUCTION

The TechniSat DIGITRADIO 110 IR is a versatile adapter designed to upgrade existing Hi-Fi systems, AV receivers, or active speakers with modern radio and streaming capabilities. It provides access to Internet Radio, DAB+ digital radio, and FM radio, along with Bluetooth audio streaming, Spotify Connect, and UPnP/DLNA support. This manual provides essential information for setting up, operating, and maintaining your device.

2. SAFETY INFORMATION

Please read these safety instructions carefully before using the device. Keep this manual for future reference.

- Do not expose the device to rain or moisture to prevent fire or electric shock.
- Do not open the casing. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the device.
- Use only the provided power adapter.
- Avoid placing the device near heat sources or in direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- TechniSat DIGITRADIO 110 IR Adapter
- DAB/FM Antenna
- Power Supply Unit
- Remote Control
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel features a 3.2-inch TFT color display for clear information display and navigation.

Image: Front view of the TechniSat DIGITRADIO 110 IR, showing the color display with 'Internet Radio' and station information.

4.2 Rear Panel Connections

The rear panel provides all necessary connections for integrating the adapter into your audio system.

Image: Rear panel of the TechniSat DIGITRADIO 110 IR, showing connections for Optical Out, Audio Out (3.5mm jack), DC 6V power input, Antenna, and Power button.

- **Optical Out:** Digital audio output (S/PDIF) for connecting to an amplifier or DAC.
- **Audio Out:** 3.5mm analog audio output for connecting to a Hi-Fi system or active speakers.
- **DC 6V:** Power input for the included power supply unit.
- **Antenna:** IEC connector for the DAB/FM antenna.
- **Power Button:** To turn the device on or off.

4.3 Remote Control

The included remote control allows for convenient operation of all device functions.

Image: The remote control for the TechniSat DIGITRADIO 110 IR, featuring power, navigation, volume, mode, menu, info, mute, scan, playback controls, number buttons, sleep, and snooze functions.

5. SETUP

5.1 Connecting the Antenna

1. Connect the supplied DAB/FM antenna to the 'Antenna' input on the rear panel of the DIGITRADIO 110 IR.
2. Position the antenna for optimal reception.

5.2 Power Connection

1. Connect the power supply unit to the 'DC 6V' input on the rear panel.
2. Plug the power supply unit into a wall outlet.

5.3 Audio Connection

The DIGITRADIO 110 IR does not have built-in speakers and requires connection to an external audio system.

- **For Digital Audio:** Connect an optical cable (not included) from the 'Optical Out' port on the DIGITRADIO 110 IR to the optical input of your amplifier or DAC.
- **For Analog Audio:** Connect a 3.5mm audio cable (not included) from the 'Audio Out' port on the DIGITRADIO 110 IR to an analog audio input (e.g., AUX IN) on your Hi-Fi system, AV receiver, or active speakers.

5.4 Initial Setup and Network Connection

1. Press the Power button on the rear panel or the remote control to turn on the device.
2. Follow the on-screen instructions on the TFT display for initial setup, including language selection.
3. When prompted, select your Wi-Fi network and enter the password to connect the device to the internet. This is essential for Internet Radio and other online features.

6. OPERATING INSTRUCTIONS

6.1 Basic Controls (Remote Control)

- **Power Button:** Turns the device on or off.
- **VOL +/-:** Adjusts the volume level.
- **MODE:** Switches between different operating modes (Internet Radio, DAB+, FM, Bluetooth, UPnP).
- **MENU:** Accesses the main menu.
- **INFO:** Displays additional information about the current station or track.
- **MUTE:** Mutes or unmutes the audio.
- **Navigation Buttons (Up/Down/Left/Right/OK):** Used to navigate menus and select options.
- **SCAN:** Initiates a scan for DAB+ or FM stations.
- **Number Buttons (1-10):** Direct access to stored favorite stations.
- **SLEEP:** Sets a sleep timer.
- **SNOOZE:** Snoozes an active alarm.

6.2 Internet Radio

1. Press the **MODE** button until 'Internet Radio' is selected.
2. Use the navigation buttons to browse stations by genre, location, or search.
3. Press **OK** to select a station.

6.3 DAB+ Digital Radio

1. Press the **MODE** button until 'DAB+' is selected.

2. The device will automatically scan for available DAB+ stations. If not, initiate a scan using the**SCAN** button.

3. Use the navigation buttons to select a station from the list.

6.4 FM Radio

1. Press the **MODE** button until 'FM' is selected.

2. Use the **SCAN** button to automatically search for stations, or manually tune using the navigation buttons.

6.5 Bluetooth Streaming

1. Press the **MODE** button until 'Bluetooth' is selected. The device will enter pairing mode.

2. On your mobile device (smartphone, tablet), enable Bluetooth and search for available devices.

3. Select 'DIGITRADIO 110 IR' from the list to pair.

4. Once paired, you can stream audio from your mobile device to the DIGITRADIO 110 IR.

6.6 Spotify Connect

To use Spotify Connect, you need a Spotify Premium account.

1. Ensure your DIGITRADIO 110 IR is connected to the same Wi-Fi network as your mobile device running the Spotify app.

2. Open the Spotify app on your mobile device.

3. Play a song and tap the 'Devices Available' icon (usually a speaker or computer icon).

4. Select 'DIGITRADIO 110 IR' from the list of available devices.

6.7 UPnP/DLNA Streaming

The DIGITRADIO 110 IR can play music files from your home network via UPnP/DLNA compatible servers (e.g., a PC or NAS).

1. Ensure your UPnP/DLNA server is active and accessible on the same network as the DIGITRADIO 110 IR.

2. Select the 'UPnP' or 'Media Player' mode on the device.

3. Browse your media server's content and select tracks to play.

6.8 Multiroom Functionality

The DIGITRADIO 110 IR supports multiroom audio when used with the TechniSat Connect app.

1. Download and install the 'TechniSat Connect' app on your smartphone or tablet (available for iOS and Android).

2. Follow the app's instructions to connect and group multiple compatible TechniSat devices for synchronized audio playback in different rooms.

6.9 Clock, Alarm, and Sleep Timer

The device features a clock with alarm and sleep timer functions.

- Access these settings via the**MENU** button.

- Set alarms to wake up to your favorite radio station.

- Use the sleep timer to automatically turn off the device after a set period.

Image: The TechniSat DIGITRADIO 110 IR displaying a station list, with the remote control placed next to it, illustrating typical usage.

7. MAINTENANCE

7.1 Cleaning

To clean the device, use a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or abrasive cleaning agents, as these may damage the surface or internal components.

7.2 Firmware Updates

The DIGITRADIO 110 IR may receive automatic firmware updates to improve performance and add new features. Ensure the device is connected to the internet for these updates. Do not disconnect power during an update process.

8. TROUBLESHOOTING

If you encounter problems with your DIGITRADIO 110 IR, refer to the following common issues and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power	Power cable disconnected; Power outlet faulty	Check power cable connection; Try a different power outlet.
No sound	Volume too low; Audio cables disconnected; External audio system off/muted	Increase volume; Check audio cable connections; Ensure external audio system is on and not muted.
Cannot connect to Wi-Fi	Incorrect password; Router too far; Network issue	Verify Wi-Fi password; Move device closer to router; Restart router.
Poor DAB+/FM reception	Antenna not properly connected or positioned	Check antenna connection; Adjust antenna position for better signal.
Bluetooth pairing fails	Device not in pairing mode; Mobile device too far	Ensure DIGITRADIO 110 IR is in Bluetooth mode; Move mobile device closer.

If the problem persists, try restarting the device by disconnecting it from the power supply for a few minutes and then reconnecting it.

9. SPECIFICATIONS

Feature	Specification
Model Number	4019588710955 (0010/4958)
Dimensions (L x W x H)	13 x 9.73 x 4.88 cm
Weight	236 g
Power Input	6V DC (via included power supply)
Voltage	230 Volts (AC adapter)
Connectivity	WLAN (Wi-Fi), Bluetooth
Tuner Technology	DAB+, FM, Internet Radio
Audio Outputs	Optical (S/PDIF), 3.5mm Analog Audio Out
Display	3.2-inch TFT Color Display
Special Features	Multiroom, Spotify Connect, UPnP/DLNA, Alarm Clock, Sleep Timer

10. WARRANTY

For warranty information, please refer to the warranty card included with your product or contact your retailer. Keep your proof of purchase for any warranty claims.

11. Support

If you require further assistance or have questions not covered in this manual, please visit the official TechniSat website or contact their customer support directly. Contact details can usually be found on the manufacturer's website or in the product packaging.