Roadstar IR-540D+BTBK

Roadstar IR-540D+BT/BK Micro Hi-Fi System

User Manual

1. INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of your Roadstar IR-540D+BT/BK Micro Hi-Fi System. This versatile audio system combines Internet Radio, DAB+/FM digital radio, a CD-MP3 player, Bluetooth connectivity, and a USB port for both playback and fast charging. Please read this manual thoroughly before using the device to ensure proper and safe operation.

2. SAFETY INFORMATION

To reduce the risk of electric shock, fire, or damage to the unit, please observe the following safety precautions:

- **Power Source:** Use only the specified power adapter. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Maintain adequate space around the unit for proper airflow.
- **Water and Moisture:** Do not expose the unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat Sources:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, flat surface. Avoid placing it in direct sunlight or near strong magnetic fields.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Roadstar Micro Hi-Fi System.

3.1 Front Panel

Figure 3.1: Front view of the Roadstar IR-540D+BT/BK, showing the central display, control knob, and various buttons for menu, preset, volume, and navigation.

The front panel features a clear LCD display, a central multi-function control knob, and an array of buttons for intuitive operation. These include controls for power, menu navigation, preset stations, volume adjustment, and equalizer settings.

3.2 Rear Panel

Figure 3.2: Rear panel of the unit, displaying the headphone output, AUX-IN port, and DC power input.

The rear panel houses essential connection ports, including the headphone jack, AUX-IN for external audio sources, and

the DC power input. An extendable antenna for FM/DAB+ reception is also located here.

3.3 Remote Control

Figure 3.3: The multi-function remote control for the Roadstar IR-540D+BT/BK, featuring buttons for power, mode selection, playback, volume, and numeric input.

The included remote control allows for convenient operation of all functions from a distance, including power, mode selection, volume, track control, and alarm settings.

4. SETUP

4.1 Unpacking

Carefully remove the unit and all accessories from the packaging. Ensure all components are present:

- Roadstar IR-540D+BT/BK Micro Hi-Fi System
- Remote Control
- Power Adapter
- User Manual (this document)

4.2 Connecting Power

Connect the provided power adapter to the DC IN port on the rear of the unit. Plug the other end of the adapter into a suitable wall outlet.

Figure 4.2: The power adapter, which connects to the DC IN port on the unit's rear panel.

4.3 Antenna Connection

For optimal DAB+ and FM radio reception, fully extend the telescopic antenna located on the rear of the unit.

4.4 Initial Setup (First-Time Use)

Upon first power-on, the unit may guide you through an initial setup wizard. Follow the on-screen prompts to:

- Select your preferred language.
- Configure network settings for Internet Radio (Wi-Fi connection).
- Perform an automatic scan for DAB+ and FM stations.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **Power** button on the front panel or remote control to turn the unit on or off.

5.2 Mode Selection

Press the **Mode** button on the remote control or the front panel to cycle through available modes: Internet Radio, DAB+, FM, CD, Bluetooth, and AUX-IN.

5.3 Internet Radio

To access Internet Radio, ensure the unit is connected to a Wi-Fi network (refer to Section 4.4 for initial setup).

- **Browsing Stations:** Use the navigation buttons or control knob to browse stations by genre, location, or search.
- **Saving Presets:** Once a station is playing, press and hold the **Preset** button to save it to a preset number. Press

Preset briefly to recall saved stations.

5.4 DAB+/FM Radio

- **Scanning Stations:** In DAB+ or FM mode, press the**Scan** button to perform an automatic scan for available stations.
- **Manual Tuning:** Use the navigation buttons to fine-tune frequencies manually.
- **RDS/Radiotext:** When available, RDS (Radio Data System) or Radiotext information will be displayed on the screen in FM mode.

5.5 CD/MP3 Player

The unit supports CD, CD-R, CD-RW, and MP3 CD formats.

Figure 5.5: Top-loading CD compartment with a disc partially inserted.

- **Loading a CD:** Open the CD compartment cover on top of the unit and place a CD with the label side facing up. Close the cover.
- **Playback Controls:** Use the **Play/Pause**, **Skip Forward/Backward**, and **Fast Forward/Rewind** buttons for playback control.
- **MP3 Track Search:** For MP3 CDs, you can search for tracks using the navigation buttons.

5.6 Bluetooth Connectivity

Pair your smartphone, tablet, or other Bluetooth-enabled device with the Micro Hi-Fi System.

- **Pairing:** Select Bluetooth mode on the unit. The unit will enter pairing mode automatically. On your device, search for "Roadstar IR-540D+BT/BK" (or similar) in the Bluetooth settings and connect.
- **Playing Audio:** Once paired, audio played on your connected device will stream through the Micro Hi-Fi System's speakers.

5.7 USB Playback and Charging

The USB port supports MP3 playback and fast charging for compatible devices.

- **USB Playback:** Insert a USB flash drive containing MP3 files into the USB port. Select USB mode to begin playback.
- **Fast Charging:** Connect your mobile device to the USB port for rapid charging.

5.8 AUX-IN Connection

Connect external audio devices (e.g., MP3 players, older smartphones) using a 3.5mm audio cable to the AUX-IN port on the rear panel. Select AUX-IN mode to listen to audio from the connected device.

5.9 Headphone Connection

For private listening, plug 3.5mm headphones into the headphone jack on the rear panel. The main speakers will be muted automatically.

5.10 Alarm Clock Function

The unit features a dual alarm function.

- **Setting Alarms:** Access the alarm settings through the menu. You can set two independent alarms, choose the alarm source (buzzer or radio), and set the desired time.

5.11 Equalizer Settings

Adjust the audio output to suit your preference using the pre-set equalizer modes:

- Normal
- Flat
- Classic
- Rock
- Pop
- Jazz
- Soundtracks

Press the **EQ** button to cycle through these modes.

5.12 Volume Control

Rotate the central control knob or use the**Vol+** / **Vol-** buttons on the remote control to adjust the volume level.

6. MAINTENANCE

Proper care will ensure the longevity of your Micro Hi-Fi System.

- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **CD Player Care:** Handle CDs by their edges to avoid fingerprints. If a CD is dirty, wipe it gently from the center outwards with a soft, dry cloth.
- **Storage:** If storing the unit for an extended period, unplug it from the power outlet and store it in a cool, dry place.

7. TROUBLESHOOTING

If you encounter any issues, refer to the table below for common problems and their solutions.

| Problem	Possible Cause	Solution
No power	Power adapter not connected; power outlet not active.	Ensure the power adapter is securely connected to the unit and a working power outlet.
No sound	Volume too low; Mute function active; incorrect mode selected; headphones connected.	Increase volume; check if mute is active; select the correct input mode; disconnect headphones.
Poor radio reception	Antenna not extended; weak signal; interference.	Fully extend the antenna; reposition the unit for better signal; move away from other electronic devices.
Bluetooth pairing fails	Unit not in pairing mode; device too far; Bluetooth off on source device.	Ensure unit is in Bluetooth pairing mode; bring devices closer; enable Bluetooth on your source device.
CD not playing	CD inserted incorrectly; CD is dirty or scratched; unsupported disc format.	Reinsert CD correctly; clean or replace CD; ensure disc is CD, CD-R, CD-RW, or MP3 CD.

8. SPECIFICATIONS
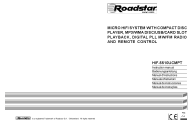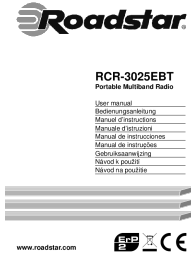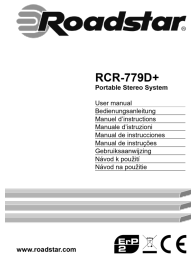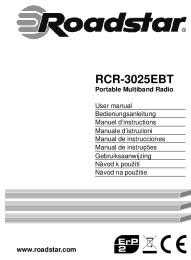
The following are the technical specifications for the Roadstar IR-540D+BT/BK Micro Hi-Fi System:

Feature	Detail
Brand	Roadstar
Model Number	IR-540D+BTBK
Color	Black
Connectivity Technology	Bluetooth
Compatible Devices	Mobile devices, tablets, computers
Speaker Type	Stereo
Power Source	Corded Electric
Power Output (RMS)	2 x 10W RMS (Total 20W RMS)
Power Output (PMPO)	160W
Surround Sound Channel Configuration	2.0
Supported Standards	DAB, DAB+, FM, Bluetooth, MP3
CD Player	CD, CD-R, CD-RW, MP3 CD compatible; Top loader; Track search; Fast forward/reverse
Radio Tuner	Internet Radio, DAB/DAB+/FM; RDS/Radiotext; Auto/Manual tuning; Presets
USB Port	Playback, Fast Charging (1A Rating)
AUX-IN	3.5mm Jack
Headphone Socket	3.5mm Jack
Display	Digital LCD
Remote Control	Multi-function
Alarm	Dual alarm function
Equalizer	Pre-set (Normal, Flat, Classic, Rock, Pop, Jazz, Soundtracks)
Weight	3.18 kg

9. WARRANTY AND SUPPORT

Roadstar products are designed and manufactured to the highest quality standards. For information regarding warranty coverage and technical support, please refer to the warranty card included with your product or visit the official Roadstar website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, please contact Roadstar customer service.

Related Documents - IR-540D+BTBK

	[Roadstar HIF-5510UCMPT Micro Hifi System Instruction Manual](#) Comprehensive instruction manual for the Roadstar HIF-5510UCMPT Micro Hifi System, covering operation, features, safety, and specifications.
	[Roadstar HIF-1996BT User Manual](#) Comprehensive user manual for the Roadstar HIF-1996BT music system, detailing controls, operations for radio, CD, tape, phono, USB, Bluetooth, and safety information.
	[Roadstar CD-652USMP/FM Car Stereo Instruction Manual](#) User guide for the Roadstar CD-652USMP/FM car stereo, detailing features like CD/MP3 playback, FM radio with RDS, USB/SD card support, installation, and operation.
	[Roadstar RCR-3025EBT Portable Multiband Radio User Manual](#) User manual for the Roadstar RCR-3025EBT Portable Multiband Radio. Features include FM, SW1, SW2, AM radio bands, MP3 playback via USB/SD card, and detailed control descriptions.
	[Roadstar RCR-779D+ Portable Stereo System User Manual and Diagram Guide](#) User manual for the Roadstar RCR-779D+ Portable Stereo System. This document provides an overview, multilingual index, and detailed descriptions of product diagrams and controls. Note: Full manual content is locked.
	[Roadstar RCR-3025EBT Portable Multiband Radio User Manual](#) User manual for the Roadstar RCR-3025EBT Portable Multiband Radio. This document provides detailed information on the device's features, controls, and operation, including textual descriptions of diagrams and part identification.