

## Imperial DABMAN i450 CD

# Imperial DABMAN i450 CD Internet DAB+ Radio with CD Player User Manual

Model: DABMAN i450 CD | Brand: Imperial

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Imperial DABMAN i450 CD Internet DAB+ Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your listening experience. Keep this manual for future reference.

## PRODUCT OVERVIEW



Figure 1: Front view of the Imperial DABMAN i450 CD.

The Imperial DABMAN i450 CD is a versatile audio system designed for comprehensive media playback. It integrates Internet radio, DAB+, and FM radio tuners, a built-in CD player, and multiple connectivity options including Bluetooth, Wi-Fi, LAN, and USB. The device features a clear color display for easy navigation and control buttons for various functions, alongside a rotary knob for volume and menu selection.

## Key Features:

- **Multi-Source Audio:** Internet Radio, DAB+, FM Radio, CD Player.
- **Wireless Connectivity:** Wi-Fi and Bluetooth for streaming and network access.
- **Wired Connectivity:** LAN, USB, Aux In, Line-Out, Headphone Jack.

- **Integrated Sound System:** 2.1 stereo sound with two 5W speakers and a 20W subwoofer.
- **User Interface:** 2.8-inch color display, intuitive control buttons, and rotary knob.
- **Streaming Services:** Support for Spotify Connect, Amazon Music, Napster, Deezer, Qobuz, TIDAL, palcoMP3, Audioboom.
- **Control Options:** Device buttons, remote control, and AirMusic Control APP.

## SETUP

### 1. Unpacking and Contents

Carefully remove all components from the packaging. Ensure the following items are present:

- Imperial DABMAN i450 CD Unit
- Power Supply Unit
- Remote Control (with battery)
- Screw-on Telescopic Antenna
- Throw Antenna
- Under-cabinet Mounting Accessory
- User Manual

### 2. Connecting the Device

1. **Power Connection:** Connect the supplied power supply unit to the DC IN port on the rear of the device, then plug it into a wall outlet.
2. **Antenna Connection:** For optimal DAB+ and FM reception, screw the telescopic antenna into the antenna port on the rear. Alternatively, use the throw antenna for specific reception conditions.
3. **Network Connection (Optional):**
  - **Wi-Fi:** The device will prompt you to configure Wi-Fi during initial setup.
  - **LAN:** For a stable wired connection, connect an Ethernet cable from your router to the LAN port on the rear of the device.
4. **Audio Connections (Optional):**
  - **Aux In:** Connect external audio sources (e.g., MP3 player) using a 3.5mm audio cable to the Aux In port.
  - **Line-Out:** Connect to an external amplifier or active speakers using the Line-Out port.
  - **Headphones:** Plug 3.5mm headphones into the headphone jack on the front panel.
  - **Subwoofer:** Connect an external active subwoofer to the dedicated subwoofer output for enhanced bass.
5. **USB Connection (Optional):** Insert a USB flash drive into the USB port on the front panel for media playback.

### 3. Initial Setup Wizard

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

- **Language:** Select your preferred language.
- **Network Configuration:** Connect to your Wi-Fi network by selecting it from the list and entering the password, or confirm LAN connection.
- **Time and Date:** Set the correct time zone and format.

- **DAB+ Scan:** The device may perform an initial scan for DAB+ stations.

## OPERATING INSTRUCTIONS

### 1. Basic Controls

The front panel features several buttons and a rotary knob for controlling the device. Refer to Figure 1 for button locations.

- **Power/Menu Button:** Press to turn the device on/off. Press and hold to access the main menu.
- **Mode Button:** Cycle through available operating modes (Internet Radio, DAB+, FM, CD, Bluetooth, USB, Aux In).
- **Enter Button:** Confirm selections in menus.
- **Rotary Knob (VOL+/VOL-):** Turn to adjust volume. In menus, turn to scroll through options. Press to confirm (similar to Enter).
- **Playback Control Buttons (1/◀◀, 2/▶▶, 3/▶▶):** Control playback (previous track, play/pause, next track) in relevant modes (CD, USB, Bluetooth).

### 2. Selecting Operating Modes

Press the **Mode** button repeatedly to switch between the following audio sources:

- **Internet Radio:** Access thousands of global radio stations via your network connection.
- **DAB+ Radio:** Enjoy high-quality digital radio broadcasts.
- **FM Radio:** Tune into traditional analog FM radio stations.
- **CD Player:** Play audio CDs.
- **Bluetooth:** Stream audio wirelessly from a paired smartphone or other Bluetooth device.
- **USB:** Play audio files from a connected USB storage device.
- **Aux In:** Play audio from an external device connected via the 3.5mm Aux In port.

### 3. Internet Radio Operation

1. Select "Internet Radio" mode.
2. Use the rotary knob to navigate through categories (e.g., Location, Genre, Popular Stations).
3. Press **Enter** or the rotary knob to select a category or station.
4. To save a station as a favorite, navigate to the station and consult the on-screen menu for the "Add to Favorites" option.

### 4. DAB+ and FM Radio Operation

1. Select "DAB+" or "FM" mode.
2. For DAB+, the device will automatically scan for available stations. For FM, you may need to initiate a scan or manually tune.
3. Use the rotary knob to browse available stations.
4. To save a station as a preset, consult the on-screen menu for the "Save Preset" option.

### 5. CD Player Operation

1. Gently insert an audio CD into the CD slot on the front panel. The device will automatically switch to CD mode and begin playback.
2. Use the playback control buttons (1/◀◀, 2/▶▶, 3/▶▶) to control playback.

3. To eject the CD, press the Eject button (if available, or consult the on-screen menu).

## 6. Bluetooth Streaming

1. Select "Bluetooth" mode on the DABMAN i450 CD. The device will enter pairing mode.
2. On your smartphone or Bluetooth-enabled device, search for available Bluetooth devices and select "DABMAN i450 CD".
3. Once paired, you can stream audio from your device to the radio.

## 7. USB Playback

1. Insert a USB flash drive containing audio files into the USB port.
2. Select "USB" mode. The device will scan the USB drive and display playable files.
3. Navigate through folders and files using the rotary knob and **Enter** button.

## 8. Streaming Services and App Control

The DABMAN i450 CD supports various streaming services via Wi-Fi, including Spotify Connect, Amazon Music, Napster, Deezer, Qobuz, TIDAL, palcoMP3, and Audioboom. Follow the on-screen instructions or refer to the specific service's guidelines for connection.

For enhanced control, download the **AirMusic Control APP** on your smartphone or tablet. This app allows you to control the radio remotely via your Wi-Fi network.

## MAINTENANCE

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### 1. Cleaning

To clean the device, use a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents as these may damage the finish. Ensure the device is powered off and unplugged before cleaning.

### 2. Software Updates

Periodically check for software updates through the device's menu (usually found under "System Settings" or "Information"). Keeping the software updated ensures optimal performance and access to new features.

## TROUBLESHOOTING

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If you encounter issues with your DABMAN i450 CD, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Device does not turn on.	Power cable not connected or faulty power outlet.	Ensure the power supply unit is securely connected to the device and a working power outlet.
No sound.	Volume too low, mute activated, or incorrect audio output selected.	Increase volume. Check if the device is muted. Verify external audio connections (Line-Out, headphones).
Poor DAB+ or FM radio reception.	Antenna not properly connected or poor signal strength.	Adjust the position and orientation of the telescopic or throw antenna. Try relocating the device.

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, router issues, or device too far from router.	Re-enter Wi-Fi password. Restart your router. Move the device closer to the router or use a LAN cable.
CD playback errors.	Dirty, scratched, or incompatible CD.	Clean the CD with a soft cloth. Try a different CD. Ensure the CD format is supported.
Bluetooth pairing issues.	Device not in pairing mode, or external device not discoverable.	Ensure the DABMAN i450 CD is in Bluetooth pairing mode. Make sure your external device's Bluetooth is on and discoverable.

## SPECIFICATIONS

<b>Brand</b>	Imperial
<b>Model Number</b>	22-247-00
<b>Color</b>	Black
<b>Connectivity Technology</b>	USB, WLAN (Wi-Fi), Bluetooth, LAN
<b>Special Features</b>	Integrated clock, streaming services, CD player, under-cabinet mounting possible
<b>Compatible Devices</b>	Laptop, MP3 player, USB stick
<b>Audio Output</b>	2.1 sound system (2x 5W stereo speakers, 20W subwoofer), total 30W
<b>Display</b>	2.8-inch color display
<b>Tuner Technology</b>	DAB+, Internet, FM
<b>Supported Radio Bands</b>	AM/FM, DAB+
<b>Product Dimensions</b>	34L x 23.5W x 10.5H centimeters
<b>Power Source</b>	Cable electric
<b>Included Components</b>	Power adapter, remote control, telescopic antenna, throw antenna, under-cabinet mounting accessory, user manual

## WARRANTY AND SUPPORT

Specific warranty details for the Imperial DABMAN i450 CD are typically provided at the point of purchase or within separate warranty documentation. Please refer to your purchase receipt or contact your retailer for information regarding warranty coverage and terms.

For technical support or further assistance, please contact Imperial customer service or visit their official website. Ensure you have your model number (DABMAN i450 CD) and serial number (if applicable) ready when seeking support.