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› CHOYONG LC100 Multi-Band Smart Internet Radio User Manual

CHOYONG LC100

CHOYONG LC100 Multi-Band Smart Internet Radio User Manual

Model: LC100

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1. INTRODUCTION

This manual provides detailed instructions for the CHOYONG LC100 Multi-Band Smart Internet Radio. The LC100 combines traditional radio reception (AM/FM/MW/SW/SSB) with modern internet radio capabilities, offering access to a vast array of global stations and podcasts. It features advanced connectivity options including Wi-Fi and 4G, a user-friendly interface with voice search, and high-quality audio output.

CHOYONG LC100 Radio

CHOYONG RADIO Official Store



50K+ Global Internet Stations



FM/MW/LW/SW/SSB



Four AI Voice Search Functions via GPT



Treble and Bass Adjustment



2.4G/5G Wi-Fi



Figure 1: CHOYONG LC100 Multi-Band Smart Internet Radio (Black model shown).

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are included:

- CHOYONG LC100 Radio Unit
- Owner's Manual (this document)
- USB Type-C Charging Cable (inferred)
- 1 AAA Battery (included, likely for clock backup)

2.2 Powering On and Battery

The LC100 is equipped with a 5000mAh rechargeable battery. Before first use, it is recommended to fully charge the device using a compatible USB Type-C charger. Connect the USB Type-C cable to the radio's charging port and to a

power source.

		
		LC90
Screen Size	3.5 inches	2.4 inches
Wi-Fi	2.4G+5G	2.4G
Treble and Bass Adjustment	Treble and bass adjustment available	None
Speaker Configuration	Dual speakers + extra-large bass diaphragm	Dual speakers + bass diaphragm
Online Content	Richer and higher quality	Rich
Operating System	Extremely smooth	Smooth
Voice Search	4 Modes	2 Modes
Recording	Yes	None

Figure 2: Side view of the LC100 showing the Type-C charging port and control knobs.

2.3 Network Connectivity

The LC100 supports multiple network connection methods for internet radio and online features:

- **Wi-Fi:** The device features a Wi-Fi 6 chip, compatible with both 2.4GHz and 5GHz bands. To connect to Wi-Fi, navigate to the network settings menu, select your desired network, and enter the password.
- **4G Network (eSIM or External SIM Card):** The LC100 supports 4G connectivity via a built-in eSIM or an external 4G SIM card. Insert a compatible 4G SIM card into the designated slot if using an external SIM.

NETWORKING METHODS

4G ① External SIM Slot

② 5G/2.4G Wi-Fi
Wi-Fi 6 Chip

③ Built-in eSIM

Powered by the latest Wi-Fi 6 technology, LC100 delivers up to 10 times faster Wi-Fi performance than the previous generation, with support for both 2.4GHz and 5GHz networks

Wi-Fi 6 2.4G+5G

Wi-Fi 2.4G



Figure 3: Illustration of the LC100's networking methods, including Wi-Fi and SIM card slot.

2.4 Antenna Setup

For optimal reception of FM, MW, SW, and SSB bands, extend the telescopic antenna fully. For enhanced shortwave reception, an external antenna can be connected to the dedicated external antenna port.

3. OPERATION

3.1 Basic Controls

The LC100 features a combination of physical buttons, rotary knobs, and a touchscreen display for navigation and control.



- 50K+ Global Radio Stations
- FM / LW / MW / SW / SSB
- 40 Million Podcasts
- **Four AI-Powered Search Functions (ChatGPT)**
- **2.4G/5G Wi-Fi + eSIM + Physical SIM Card**
- **Treble and Bass Adjustment**
- **3.5-inch Large HD IPS Display**
- Bluetooth / TF Card
- LCD Backlight Adjustment
- Manual/Auto Bandwidth Control
- Direct Frequency Tuning
- Add Your Own Internet Radio Stations
- **Audio Recording**

Figure 4: Front view of the LC100, highlighting the display and control layout.

- **Power Button:** Located on the top or side (refer to device for exact location). Press and hold to power on/off.
- **Volume Knobs:** Adjust audio output level.
- **Tuning Knobs:** Used for fine-tuning frequencies in analog radio modes.
- **Navigation Buttons (OK, Arrows):** For menu navigation and selection.
- **Numeric Keypad:** For direct frequency input or menu selection.
- **Band Selection Buttons (FM, MW, SW, BT, TF, SSB, MENU):** Select desired operating mode.

3.2 Internet Radio and Podcasts

Access over 50,000 global internet radio stations and 40 million podcasts.

1. Ensure the radio is connected to Wi-Fi or has an active 4G connection.
2. Press the **MENU** button or navigate to the Internet Radio section on the display.
3. Browse stations by region, city, or genre, or use the search function.

4. To bookmark a favorite station, follow the on-screen prompts (usually a long press on a specific button or menu option).

3.3 Multi-Band Analog Radio (FM/LW/MW/SW/SSB)

The LC100 supports traditional radio bands with advanced tuning features.

1. Press the corresponding band button (**FM**, **MW**, **SW**) to select the desired band.
2. Use the tuning knobs or numeric keypad for direct frequency input.
3. For SSB (Single Sideband) reception, press the **SSB** button and use fine-tuning controls for clear audio.
4. Adjustable bandwidth settings are available in the menu for optimizing reception.

3.4 Voice Search (GPT-Powered)

Utilize the integrated GPT-powered voice search for quick access to content.



Figure 5: LC100 display showing the voice search interface.

- The radio features four voice search modes for various audio categories.
- Press and hold the designated voice search button (e.g., **AI1** for podcasts, **AI2** for stations, or a specific key for general knowledge).
- Speak your request clearly into the microphone. The radio will process and retrieve matching audio content.

3.5 Bluetooth and TF Card Playback

The LC100 supports Bluetooth connectivity for streaming from external devices and TF card playback for local audio files.

- **Bluetooth:** Press the **BT** button to enter Bluetooth mode. Pair with your smartphone or other Bluetooth-enabled device.
- **TF Card:** Insert a TF (microSD) card into the slot. Press the **TF** button to access and play audio files stored on the card.

Your browser does not support the video tag.

Video 1: An introduction to the CHOYONG LC100, demonstrating its features including Bluetooth connectivity and various modes.

3.6 Audio Recording

The LC100 supports audio recording. Refer to the on-screen menu for recording options and storage management.

3.7 Sound Adjustment

Adjust bass and treble levels to customize your listening experience. These controls are typically accessible via dedicated knobs or through the audio settings menu.

Exquisite Workmanship



Magnesium-Aluminum Alloy Knob



Keyboard Backlight

Figure 6: Side view of the LC100 showing the dedicated Treble and Bass adjustment knobs.

3.8 Clock, Alarm, and Timed Playback

The radio includes clock, alarm, and timed playback functions. Access these features through the system settings menu to set alarms, sleep timers, or scheduled playback.

4. MAINTENANCE

4.1 Cleaning

To clean the radio, use a soft, dry cloth. Do not use liquid cleaners, aerosols, or solvents, as these may damage the finish or internal components. Avoid getting moisture into any openings.

4.2 Storage

When not in use for extended periods, store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged before storage to prolong its lifespan.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power / Device Not Turning On	Battery is depleted.	Connect the radio to a power source using the USB Type-C cable and allow it to charge for at least 30 minutes before attempting to power on again.
No Internet Radio Connection	No Wi-Fi or 4G signal; Incorrect Wi-Fi password; SIM card not properly inserted or activated.	◦ Check Wi-Fi signal strength and ensure the password is correct. ◦ Verify 4G SIM card insertion and activation status. ◦ Restart the radio and your Wi-Fi router.
Poor Analog Radio Reception (FM/MW/SW)	Antenna not fully extended; Interference from electronic devices; Weak signal in the area.	◦ Fully extend the telescopic antenna. ◦ Move the radio away from other electronic devices. ◦ Connect an external antenna to the dedicated port for improved reception, especially for SW. ◦ Adjust bandwidth settings in the menu.
Voice Search Not Responding	No internet connection; Microphone blocked; Software glitch.	◦ Ensure an active internet connection. ◦ Check if the microphone is clear and unobstructed. ◦ Restart the radio.
Alarm Function Issues	Incorrect alarm settings; Software limitation.	◦ Verify alarm settings, including time and activation status. ◦ Note: Some users have reported difficulty associating a specific tuned station with an alarm. This may be a software limitation.

6. SPECIFICATIONS

Feature	Detail
Brand	CHOYONG
Model Number	LC100
Color	Black
Product Dimensions (L x W x H)	8.54" x 1.65" x 4.96"
Item Weight	772 g

Feature	Detail
Power Source	Battery Powered (5000mAh rechargeable battery)
Connectivity Technology	2.4GHz Wi-Fi, 5GHz Wi-Fi (Wi-Fi 6), 4G network, Bluetooth, eSIM
Radio Bands Supported	FM, LW, MW, SW, SSB (Multi-Band)
Tuner Technology	AM/FM
Special Features	Global Internet Radio Stations, Podcasts, Music, Recording, Treble and Bass Adjustment, Voice Search, Backlit Keys, Clock, Alarm, Timed Playback, Multi-language Menu, External Antenna Port, TF Card Support
Display Type	LCD
Audio Output Mode	Stereo
Included Components	Owner's Manual, 1 AAA Battery

CHOYONG LC100 Radio

The All-in-One Radio, Powered by the Latest Technology

Access 50K+ Internet Radio Stations Worldwide, with FM/MW/SW/SSB, Bluetooth, TF Card Playback, and Recording.



Global Radio Stations



Multi-Band Radio



Bluetooth/TF Card



Treble and Bass Adjustment



2.4G/5G Wi-Fi



Rechargeable Battery



Audio Recording



Voice Search Station



Figure 7: Detailed specifications of the CHOYONG LC100 radio.

7. WARRANTY & SUPPORT

7.1 Warranty Information

The CHOYONG LC100 comes with a **1-year manufacturer’s warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact CHOYONG customer support.

7.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact CHOYONG customer support. Visit the official CHOYONG store for more information and contact details:

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question