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> Docooler HanRongDa HRD-767 Multi-Band Radio Receiver User Manual

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Model: HRD-767

1. INTRODUCTION

Thank you for purchasing the Docooler HanRongDa HRD-767 Multi-Band Radio Receiver. This compact and portable radio is designed to provide access to FM, AM, and AIR band frequencies, making it suitable for various listening environments. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The HRD-767 is a mini-sized, lightweight multi-band radio featuring a clear LCD display and a built-in rechargeable lithium battery. It offers stable reception across FM, AM, and AIR bands and includes a station memory function.

Key Features:

- **Multi-Band Reception:** Supports FM (76-108MHz), AM (522-1710KHz / 520-1710KHz), and AIR (118-138MHz) bands.
- **Compact and Portable:** Weighs approximately 31g, designed for easy carrying in a pocket or around the neck.
- **Clear LCD Display:** 28.5 x 28.5 mm screen displays frequency, volume, band mode, time, battery status, charging indicator, lock symbol, and sleep symbol.
- **Station Memory:** Stores up to 120 radio stations (50 FM, 20 AM, 50 AIR) with power-off memory function.
- **Built-in Battery:** Integrated 400mAh lithium battery for extended operation.
- **Lock Button:** Prevents accidental changes to settings.

Components and Controls:



Image: Labeled diagram of the HRD-767 radio showing its various controls and ports. This includes the hang rope hole, LCD display, BAND/SCAN button, NEXT button, TIME button, Power/Enter button, PREV button, MEMO button, Micro USB charging jack, 3.5mm earphone jack, and LOCK switch.

- **LCD Display:** Shows current frequency, volume, time, and other status indicators.
- **BAND/SCAN Button:** Switches between FM/AM/AIR bands; long press for automatic station scanning and storage.
- **NEXT Button:** Decreases tuning frequency, decreases volume, or navigates to the next stored station.
- **TIME Button:** Enters time setting mode (12-hour or 24-hour system).
- **Power/Enter Button ():** Powers the device on/off; confirms selections in menu modes; enters volume adjustment mode.
- **PREV Button:** Increases tuning frequency, increases volume, or navigates to the previous stored station.
- **MEMO Button:** Manually stores the current station or recalls stored stations.
- **Micro USB Charging Jack:** For charging the internal battery.
- **3.5mm Earphone Jack:** For connecting headphones.
- **LOCK Switch:** Slides to lock or unlock all buttons to prevent accidental operation.
- **Hang Rope Hole:** For attaching a lanyard or strap.

3. SETUP

3.1 Charging the Battery

Before first use, fully charge the radio's built-in 400mAh lithium battery. Connect the supplied USB charging cable to the Micro

USB charging jack on the radio and to a standard USB power source (e.g., computer USB port, USB wall adapter). The battery symbol on the LCD will indicate charging status. A full charge ensures long battery life.



Image: The HRD-767 radio displaying 'AM 1500 KHz' with a battery icon, illustrating the built-in 400mAh lithium battery and its long battery life. An airplane is visible in the background, suggesting AIR band functionality.

3.2 Connecting Headphones

Insert the 3.5mm plug of your headphones into the earphone jack located on the side of the radio. The radio does not have an external speaker; headphones are required for audio output.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on, press and hold the **Power/Enter** () button.
- To power off, press and hold the **Power/Enter** () button again.

4.2 Band Selection (FM/AM/AIR)

- Press the **BAND/SCAN** button repeatedly to cycle through the available bands: FM, AM, and AIR. The selected band will be displayed on the LCD.

4.3 Tuning for Stations

- **Manual Tuning:** In the desired band, briefly press the **PREV** or **NEXT** button to adjust the frequency step by step.
- **Automatic Scan and Store:** Press and hold the **BAND/SCAN** button for a few seconds. The radio will automatically scan for available stations and store them in memory.



Image: The HRD-767 radio displaying 'AM 1500 KHz' with graphical representation of AM, FM, and AIR frequency ranges (AM: 522-1620 KHz / 520-1710 KHz, FM: 76-108 MHz, AIR: 118-138 MHz). Text indicates the large chip capacity for storing 120 stations and power-off memory function.

4.4 Volume Adjustment

- Briefly press the **Power/Enter** () button to enter volume adjustment mode. The volume level will be displayed.
- Use the **PREV** button to increase volume and the **NEXT** button to decrease volume.
- Press the **Power/Enter** () button again to exit volume adjustment mode, or wait a few seconds for it to exit automatically.

4.5 Storing and Recalling Stations (MEMO)

- **To Store a Station:** Tune to the desired station. Press and hold the **MEMO** button until a memory location number appears on the screen. Use **PREV** or **NEXT** to select a memory slot, then press **MEMO** again to confirm.
- **To Recall a Stored Station:** Briefly press the **MEMO** button. Use **PREV** or **NEXT** to cycle through the stored stations.

4.6 Setting the Time

- Press and hold the **TIME** button to enter time setting mode.
- Use the **PREV** or **NEXT** buttons to adjust the hour and minute.
- Press the **TIME** button again to switch between setting hours and minutes, and to select 12-hour or 24-hour format.
- Press the **Power/Enter ()** button to confirm and exit time setting mode.

4.7 Lock Function

- Slide the **LOCK** switch (located on the bottom of the radio) to the 'Lock' position to disable all buttons. This prevents accidental changes to settings or power-off during transport.
- Slide the **LOCK** switch back to the 'Unlock' position to enable button functionality.

5. MAINTENANCE

5.1 Cleaning

- Wipe the radio with a soft, dry cloth. Do not use liquid cleaners, abrasive pads, or chemical solvents, as these can damage the surface or internal components.

5.2 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- If storing the radio for an extended period, charge it to approximately 50% every few months.
- Do not expose the radio to extreme temperatures, as this can affect battery performance and safety.

5.3 Storage

- Store the radio in a cool, dry place away from direct sunlight and moisture.

6. TROUBLESHOOTING

If you encounter issues with your HRD-767 radio, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted.	Charge the radio using the USB cable.
No sound from headphones.	Headphones not properly connected or faulty. Volume is too low.	Ensure headphones are fully plugged in. Increase volume. Try different headphones.
Poor reception or static.	Weak signal in current location. Interference from other electronic devices.	Move to an open area or away from interference sources. For FM/AIR, the headphone cable acts as an antenna; ensure it is extended.

Problem	Possible Cause	Solution
Cannot tune to specific stations.	Incorrect band selected. Weak signal.	Verify the correct band (FM/AM/AIR) is selected. Try automatic scanning.
Radio loses stored stations or settings.	Rare occurrence, but could be due to complete battery depletion or a software glitch.	Ensure battery is charged. Re-scan and store stations. If persistent, a factory reset (if available, check manufacturer's website) or contacting support may be necessary.
Buttons are unresponsive.	Lock function is enabled.	Slide the LOCK switch to the 'Unlock' position.

7. SPECIFICATIONS

The following are the technical specifications for the Docooler HanRongDa HRD-767 Multi-Band Radio Receiver:

- **Model Number:** HRD-767
- **Brand:** Docooler
- **Color:** Black
- **Frequency Ranges:**
 - FM: 76-108 MHz
 - AM: 522-1710 KHz (9KHz step) / 520-1710 KHz (10KHz step)
 - AIR: 118-138 MHz
- **Power Source:** Built-in 400mAh Lithium Battery
- **Charging Interface:** Micro USB
- **Connectivity Technology:** USB
- **Audio Output:** 3.5mm Earphone Jack
- **Display Type:** LCD (28.5 x 28.5 mm)
- **Dimensions (L x W x H):** 9.1 x 0.9 x 3.9 cm (approximately 3.58 x 0.35 x 1.53 inches)
- **Weight:** Approximately 120 Grams (0.26 lbs)
- **Rated Voltage:** 3.7 Volts
- **Memory Stations:** 120 (50 FM, 20 AM, 50 AIR)



Image: The HRD-767 radio shown with its dimensions (9.1cm length, 0.9cm width, 3.9cm height) and in various usage contexts, including being carried in a pocket, used by individuals studying, and by couples enjoying outdoor activities.

8. SAFETY INFORMATION

- Do not disassemble or modify the radio. This can lead to electric shock, fire, or damage to the device.
- Keep the radio away from water and other liquids.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or high humidity.
- Use only the provided or a certified USB cable for charging.
- Do not listen at excessively high volumes for prolonged periods, as this can cause hearing damage.
- Dispose of the battery and device according to local regulations. Do not dispose of in household waste.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the

retailer/manufacturer directly. Please have your model number (HRD-767) and purchase details ready when seeking support.

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