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› User Manual for HanRongDa HRD-103 Portable AM/FM Radio

HanRongDa HRD-103

User Manual for HanRongDa HRD-103 Portable AM/FM Radio

Model: HRD-103

Brand: HanRongDa

INTRODUCTION

The HanRongDa HRD-103 is a compact and portable AM/FM digital radio receiver designed for excellent reception and stereo sound. It features a built-in rechargeable battery, 58 preset stations, and a clear LCD display, making it ideal for various activities such as walking, jogging, or traveling.



Image: The HanRongDa HRD-103 radio, showing its compact size, digital display, control buttons, and accompanying accessories like earphones and a USB charging cable.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x HRD-103 Pocket Radio
- 1 x Hand Strap
- 1 x Lanyard Strap
- 1 x USB Charging Cable
- 1 x Waterproof Pouch
- 1 x User Manual (this document)

PACKAGE



Pocket Radio



English User Manual



Lanyard Strap



Stereo Earphone



USB charging cable



Pouch



Hand Strap

Image: A visual representation of all items included in the HRD-103 product package.

PRODUCT OVERVIEW AND CONTROLS

Familiarize yourself with the radio's layout and functions:

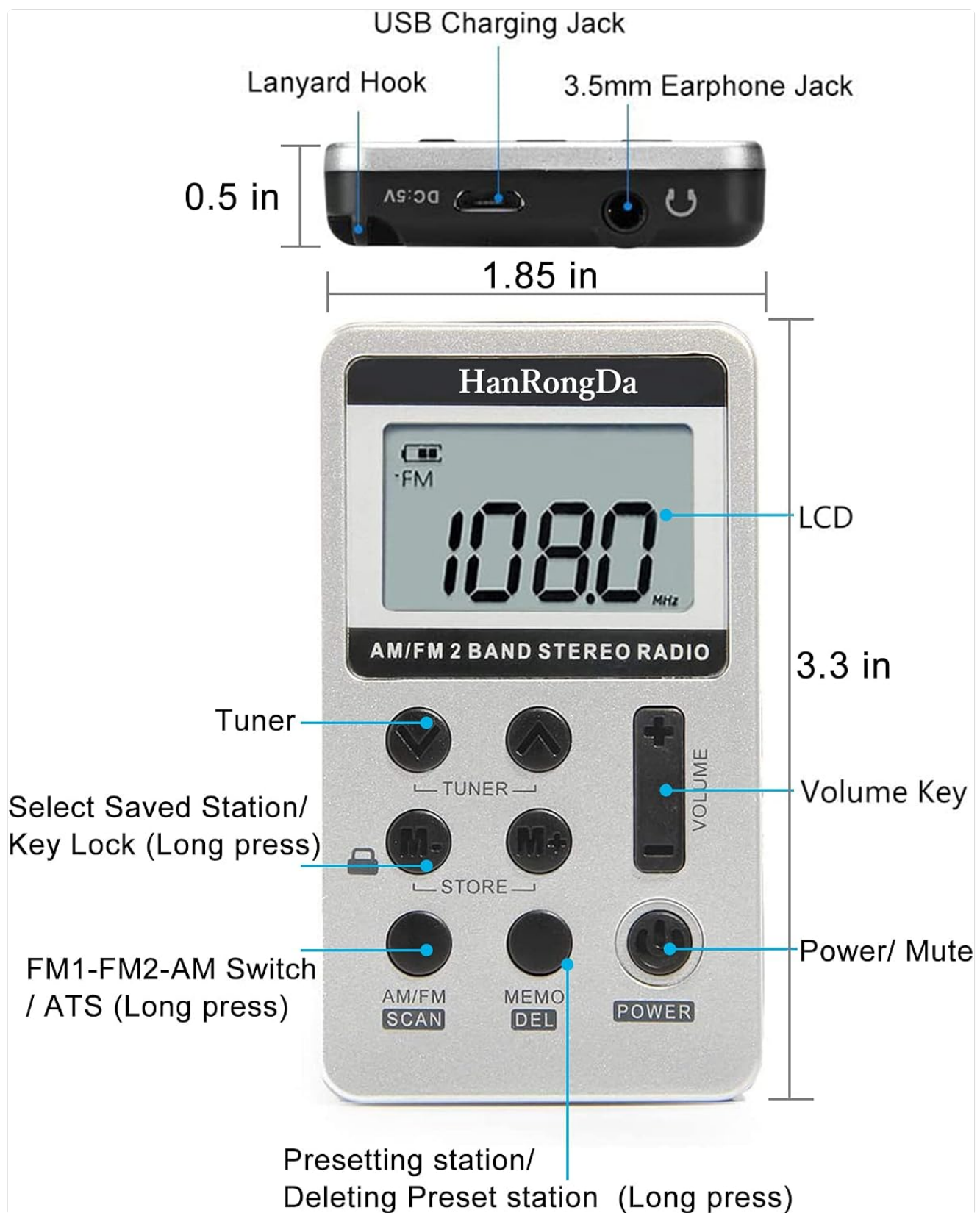


Image: A detailed diagram illustrating the various buttons, ports, and display features of the HRD-103 radio, along with their respective labels and dimensions.

- **LCD Display:** Shows frequency, battery level, and other indicators.
- **Tuner Buttons (Up/Down):** Used to manually tune frequencies.
- **Volume Keys (+/-):** Adjusts the audio output level.
- **Power/Mute Button:** Short press to mute/unmute, long press to power on/off.
- **AM/FM Scan Button:** Short press to switch between AM/FM bands. Long press for Automatic Tuning Storage (ATS).
- **M-/M+ (Store) Buttons:** Short press to select saved stations. Long press M- to lock/unlock keys.

- **MEMO/DEL Button:** Short press to preset a station. Long press to delete a preset station.
- **USB Charging Jack:** For charging the built-in battery.
- **3.5mm Earphone Jack:** For connecting stereo earphones.

SETUP AND INITIAL USE

Charging the Battery

The HRD-103 features a built-in 500mAh rechargeable lithium battery. Before first use, or when the battery indicator shows low power, charge the device.

1. Connect the supplied USB charging cable to the USB Charging Jack on the radio.
2. Connect the other end of the USB cable to a compatible USB power source (e.g., USB wall adapter, power bank, computer USB port).
3. A battery icon will appear on the LCD screen, indicating the charging status.
4. Charging typically takes 2-3 hours for a full charge. A full charge provides over 12 hours of continuous playback.

500MAH RECHARGEABLE BATTERY

USB Charging

Charging time: 2~3 hours



Battery indicator

While charging it a little battery icon appears on the screen, show the level of the battery.

More charging methods

Suitable for multiple scenarios



Image: Visual guide for charging the HRD-103 radio, showing the USB connection, charging time, battery indicator, and compatible power sources.

Attaching Straps

You can attach the hand strap or lanyard strap for increased portability.

1. Locate the Lanyard Hook on the side of the radio.
2. Thread the desired strap through the hook and secure it.

OPERATING INSTRUCTIONS

Power On/Off and Mute

- To **Power On**: Long press the **POWER** button.
- To **Power Off**: Long press the **POWER** button again.
- To **Mute/Unmute**: Short press the **POWER** button while the radio is on.

Tuning Radio Stations

- **Switching Bands (AM/FM)**: Short press the **AM/FM SCAN** button to toggle between FM and AM bands.
- **Manual Tuning**: Use the **Tuner Up** ($\wedge$) and **Tuner Down** ($\vee$) buttons to manually adjust the frequency.
- **Automatic Tuning Storage (ATS)**: Long press the **AM/FM SCAN** button. The radio will automatically scan and store up to 58 radio frequencies (29 for FM, 29 for AM).

Managing Preset Stations

- **Selecting Saved Stations**: Short press the **M-** or **M+** buttons to cycle through your preset stations.
- **Presetting a Station**:
 - a. Tune to the desired frequency using manual tuning or ATS.
 - b. Short press the **MEMO/DEL** button. The display will show a flashing preset number.
 - c. Use the **Tuner Up** ($\wedge$) or **Tuner Down** ($\vee$) buttons to select the desired preset memory location.
 - d. Short press the **MEMO/DEL** button again to confirm and save the station.
- **Deleting a Preset Station**:
 - a. Select the preset station you wish to delete using the **M-** or **M+** buttons.
 - b. Long press the **MEMO/DEL** button. The display will show "DEL" and the station will be removed.

Adjusting Volume

- Press the **Volume +** button to increase the volume.
- Press the **Volume -** button to decrease the volume.

Key Lock Function

To prevent accidental button presses, you can lock the radio's keys.

- To **Lock Keys**: Long press the **M-** button. A key icon will appear on the display.
- To **Unlock Keys**: Long press the **M-** button again. The key icon will disappear.



Images: The M- button with its lock icon, and the LCD display showing the key lock indicator.

Using Earphones

For private listening and to experience FM stereo sound, connect earphones to the 3.5mm Earphone Jack.

- Insert the 3.5mm stereo earphone plug into the earphone jack on the side of the radio.
- The radio's internal speaker will automatically turn off when earphones are connected.

GOOD RECEPTION STEREO SOUND



**3.5mm Stereo
Earphone is include**



Frequency: FM: 64-108 MHZ、 AM: 522-1710KHZ(9K)

DSP digital processing technology chip is adopted, frequency modulation signal reception is stable. You can listen to stereo fm radio when you use stereo headphone.

Image: The HRD-103 radio in use, highlighting its stereo sound capability when used with the included 3.5mm earphones.

MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the radio regularly, especially if it will not be used for an extended period.

- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The radio is not waterproof. Avoid exposure to water or high humidity. The included pouch offers some protection against light splashes.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Radio does not turn on.	Battery is depleted.	Charge the radio using the provided USB cable. Ensure the charging indicator appears.
Poor reception / Static.	Weak signal in the area; interference; radio position.	Try moving to a different location, especially near a window or outdoors. For FM, the earphone cable acts as an antenna; ensure earphones are plugged in for best reception. Avoid areas with strong electromagnetic interference (e.g., near large electronic devices).
Buttons are unresponsive.	Key lock function is activated.	Long press the M- button to unlock the keys. The key icon on the display should disappear.
No sound from speaker when earphones are unplugged.	Radio is muted.	Short press the POWER button to unmute.

SPECIFICATIONS

Feature	Detail
Model Number	HRD-103
Product Dimensions	3.3 x 1.85 x 0.5 inches (84mm L x 12mm W x 48mm H)
Item Weight	3.5 ounces
Frequency Range	FM: 64-108 MHz, AM: 520-1710 KHz
Preset Stations	Up to 58 (29 FM, 29 AM)
Battery	Built-in 500mAh Rechargeable Lithium Battery
Charging Time	Approx. 2-3 hours
Playback Time	More than 12 hours (on a full charge)
Connectivity	USB (for charging), 3.5mm Audio Jack (for earphones)

Feature	Detail
Display Technology	Liquid Crystal Display (LCD)
Special Features	Digital Tuner, Key Lock Function, Automatic Tuning Storage (ATS)

WARRANTY AND SUPPORT

HanRongDa is committed to providing quality products and customer satisfaction. If you encounter any product problems or require assistance, please do not hesitate to contact our customer support team. We aim to provide a quick response and satisfactory resolution to your inquiries.

For support, please refer to the contact information provided with your purchase or visit the official HanRongDa store on Amazon: [HanRongDa Store](#).