

DollaTek HRD-700

DollaTek Retro Mini HRD-700 Multi-Band Radio User Manual

Model: HRD-700

1. INTRODUCTION

Thank you for purchasing the DollaTek Retro Mini HRD-700 Multi-Band Radio. This compact and versatile device offers AM, FM, and Shortwave (SW) radio reception, Bluetooth connectivity, and TF card playback. It is designed for portability and ease of use, providing entertainment and information wherever you go. Please read this manual carefully to understand the product's features and ensure proper operation.

2. PRODUCT FEATURES

- **Multi-Band Reception:** Enjoy a wide range of frequencies including AM (520-1710 KHz), SW (5.7-17.9 MHz), and FM (87-108 MHz).
- **Compact and Portable Design:** Measuring approximately 3.5 x 2.4 x 1.5 inches, this radio is easy to carry in a bag or backpack.
- **Multiple Playback Modes:** Functions as a radio receiver, Bluetooth speaker, and MP3 player via TF card (supports up to 256GB).
- **Bluetooth Connectivity:** Connect wirelessly to your smartphone or other Bluetooth-enabled devices for audio streaming.
- **Enhanced Sound:** Features an internal speaker designed for clear audio output.
- **Sound Equalizer:** Six preset sound effects available in Bluetooth and TF card modes: Normal, Pop, Rock, Jazz, Classical, and Cut.
- **Automatic Station Search:** Easily search and store up to 110 radio stations with a single button press.
- **Sleep Timer Function:** Set the radio to automatically turn off after 10-70 minutes.
- **Rechargeable Battery:** Equipped with a built-in 1000mAh lithium battery for extended use.
- **External Antenna:** Includes a 300cm external antenna for improved shortwave reception.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x DollaTek Retro Mini HRD-700 Multi-Band Radio
- 1 x Type-C USB Charging Cable
- 1 x 1000mAh Rechargeable Battery
- 1 x External Antenna
- 1 x Lanyard (attached to the radio)



Image: The DollaTek HRD-700 radio, a Type-C USB charging cable, and a green lanyard.

4. PRODUCT OVERVIEW

Familiarize yourself with the radio's components and controls:



Image: A detailed diagram of the HRD-700 radio, labeling its key components including the telescopic antenna, coded rotary volume knob, dial indicating display, coding platform pulley, working mode selector, Type-C charging hole, external speaker, battery cover, and lanyard hole.

- **Telescopic Antenna:** Extend for improved FM and SW reception.
- **Coded Rotary Volume Knob:** Adjusts the audio volume.
- **Dial Indicating Display:** Shows frequency and other information.
- **Coding Platform Pulley:** Used for precise tuning in radio mode.
- **Working Mode Selector:** Switches between RADIO, BT (Bluetooth), and M.PLAY (TF Card) modes.
- **Type-C Charging Hole:** Connect the USB-C cable for charging.
- **External Speaker:** Audio output.
- **Battery Cover:** Access for battery installation/replacement.
- **Lanyard Hole:** For attaching the included lanyard.

5. SETUP

5.1 Battery Installation

1. Locate the battery cover on the back of the radio.

2. Slide or unclip the battery cover to open it.
3. Insert the provided 1000mAh rechargeable battery, ensuring the correct polarity (+/-) matches the markings inside the compartment.
4. Close the battery cover securely.



Image: The back of the HRD-700 radio with the battery cover removed, showing the battery compartment and the included 1000mAh battery being inserted.

5.2 Charging the Battery

Before first use, fully charge the radio's battery.

1. Connect the provided Type-C USB charging cable to the Type-C charging hole on the radio.
2. Connect the other end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The charging indicator light (if present) will illuminate. Once fully charged, the light may change color or turn off.
4. Charging time may vary. Disconnect the charger once charging is complete.

Rechargeable Large Capacity Battery |||

Built-in 1000mAh large capacity lithium battery to improve battery life.



Image: The HRD-700 radio next to an icon representing a charging battery, indicating its rechargeable capability.

5.3 Attaching the External Antenna

For improved Shortwave (SW) reception, connect the external antenna.

1. Locate the external antenna port on the radio (refer to the Product Overview diagram).
2. Plug the external antenna into this port.
3. Extend the antenna fully for best reception.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

To power on the radio, rotate the volume knob clockwise. To power off, rotate it counter-clockwise until it clicks.

6.2 Mode Selection

Use the Working Mode Selector switch to choose between the following modes:

- **RADIO Mode:** For listening to AM, FM, or SW broadcasts.
- **BT (Bluetooth) Mode:** For connecting to Bluetooth audio devices.
- **M.PLAY (TF Card) Mode:** For playing audio files from a TF (MicroSD) card.

6.3 Radio Operation (RADIO Mode)

1. Switch to **RADIO** mode.
2. **Band Selection:** Use the band switch (e.g., FM/MW/SW) to select the desired frequency band.
3. **Tuning:** Rotate the Coding Platform Pulley to manually tune to a specific station. The frequency will be displayed on the Dial Indicating Display.
4. **Automatic Search and Store:** Press the auto-search button (refer to the diagram for location, if available, or general button) to automatically scan and save available stations. The radio can store up to 110 stations.
5. **Antenna:** Extend the telescopic antenna for FM and SW reception. For AM, the internal antenna is usually sufficient, but the external antenna can also be used for SW.

6.4 Bluetooth Operation (BT Mode)

1. Switch to **BT** mode. The radio will enter pairing mode, indicated by an audible prompt or flashing indicator light.
2. On your Bluetooth-enabled device (e.g., smartphone), enable Bluetooth and search for available devices.
3. Select "HRD-700" (or similar name) from the list of devices to pair.
4. Once paired, you can play audio from your device through the radio's speaker.



Image: An illustration showing the HRD-700 radio wirelessly connecting to a smartphone via Bluetooth, indicating a stable connection range of up to 10 meters.

6.5 TF Card Playback (M.PLAY Mode)

1. Insert a TF (MicroSD) card with audio files into the designated slot (refer to the diagram for location).
2. Switch to **M.PLAY** mode. The radio will automatically detect and begin playing audio files from the card.
3. Use the control buttons (e.g., Play/Pause, Next/Previous Track) to manage playback.

6.6 Volume Control

Rotate the Coded Rotary Volume Knob to adjust the listening volume. Turn clockwise to increase volume, counter-clockwise to decrease.



Image: The HRD-700 radio with a visual representation of high volume, indicating its 3W power output and ability to produce sound over 120 decibels.

6.7 Sound Equalizer (EQ)

In Bluetooth and TF Card playback modes, you can select from six preset equalizer effects:

- Normal
- Pop
- Rock
- Jazz
- Classical

- Cut (a specific EQ profile)

Press the EQ button (refer to the diagram) to cycle through these options.

6.8 Sleep Timer

The radio features an automatic shutdown timer. To activate or adjust:

1. Press the Sleep Timer button (refer to the diagram).
2. Cycle through the available shutdown times (e.g., 10, 20, 30, 40, 50, 60, 70 minutes).
3. The radio will automatically power off after the selected duration.

7. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If not used for an extended period, charge the battery periodically to maintain its lifespan. Avoid fully discharging the battery frequently.
- **Water Exposure:** This radio is not waterproof. Avoid exposure to water or high humidity.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery. Ensure the battery is inserted with correct polarity.
Poor radio reception.	Antenna not extended or weak signal.	Fully extend the telescopic antenna. Connect the external antenna for SW. Try repositioning the radio.
Bluetooth not connecting.	Radio not in BT mode, device too far, or already paired with another device.	Ensure radio is in BT mode. Keep devices within 10 meters. Disconnect from other devices.
TF card not playing.	Radio not in M.PLAY mode, card not inserted correctly, or unsupported file format.	Ensure radio is in M.PLAY mode. Reinsert TF card. Check if audio files are in a supported format.
No sound.	Volume is too low or muted.	Increase the volume using the rotary knob.

9. SPECIFICATIONS

Model	HRD-700
Frequency Range	AM: 520-1710 KHz SW: 5.7-17.9 MHz FM: 87-108 MHz
Bluetooth Version	5.0
Bluetooth Range	Up to 10 meters (33 feet)
TF Card Support	Up to 256GB
Battery Capacity	1000mAh Lithium Battery
Dimensions	Approx. 3.5 x 2.4 x 1.5 inches (9 x 6 x 3.8 cm)
Weight	Approx. 256 grams
Charging Port	Type-C USB
Manufacturer	DollaTek
Manufacturer Reference	CP029013



Image: The HRD-700 radio with its approximate dimensions labeled as 9cm (height) and 5.5cm (width).

10. SAFETY INFORMATION

- Do not disassemble or modify the device.
- Keep away from water, moisture, and high temperatures.
- Do not expose to direct sunlight for prolonged periods.
- Use only the specified charging cable and battery.
- Keep out of reach of children.

11. WARRANTY AND SUPPORT

DollaTek products are designed for reliability and performance. For warranty information or technical support, please refer to the retailer's policy or contact DollaTek customer service through their official channels. Please retain your proof of purchase for warranty claims.