HanRongDa HRD-605

Portable Radio FM AM Shortwave Walkman

USER MANUAL

Model: HRD-605

Introduction

Thank you for choosing the HanRongDa HRD-605 Portable Radio. This compact and versatile device offers FM, AM, and Shortwave radio reception, along with MP3 playback capabilities via a TF card. Designed for portability and ease of use, it is an ideal companion for various outdoor activities and daily listening.

Key Features

- **Multi-Band Reception:** Supports FM, AM (MW), and Shortwave (SW) bands.
- **Digital Signal Processing (DSP):** Ensures clear and stable reception.
- **Automatic Tuning Storage (ATS):** Automatically scans and saves up to 90 stations (20 FM, 20 AM, 50 SW).
- **MP3 Player:** Supports TF card (up to 128GB, not included) for MP3/WAV audio playback.
- **Built-in Speaker:** Provides clear audio output.
- **3.5mm Headphone Jack:** For private listening.
- **Backlit LCD Screen:** For easy viewing in various lighting conditions.
- **Rechargeable Battery:** Integrated 500mAh lithium battery provides over 12 hours of continuous play.
- **Compact and Portable:** Small design (3.4 x 1.8 x 0.7 inches) with a hand strap for easy carrying.
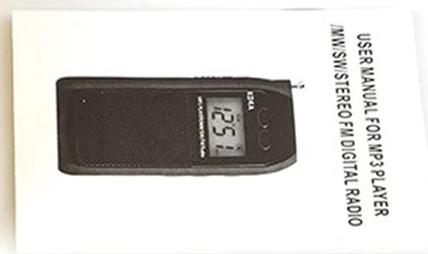
Package Contents

PACKAGE

Gift box

English User Manual

USB charging cable

Pocket Radio

Stereo Earphone

Pouch

Image: Package contents of the HRD-605 radio, showing the radio unit, USB charging cable, stereo earphones, and a grey pouch.

- 1 x HRD-605 Pocket Radio
- 1 x USB Charging Cable
- 1 x Lanyard Strap
- 1 x Waterproof Pouch
- 1 x Owner's Manual

Product Overview

Image: Detailed view of the HRD-605 radio, highlighting its dimensions (3.4 in height, 1.8 in width, 0.7 in depth) and the location of its controls and ports, including the headphone jack, TF card slot, pull rod antenna, volume controls, function switch, tuning buttons, and DC 5V charging jack.

Familiarize yourself with the radio's components and controls:

- **Speaker:** Front-facing audio output.
- **LCD Display:** Shows frequency, time, battery level, and mode.
- **VOL-/VOL+:** Volume adjustment buttons. Also used to select saved stations.
- **BAND/SCAN/TIME:** Button to switch between radio bands (FM/AM/SW), initiate automatic scanning, and set time.
- **Function Switch (MP3 OFF FM):** Slide switch to select between FM radio, power off, and MP3 playback mode.
- **TUN+/PREVIOUS:** Tune up frequency in radio mode, or go to previous track in MP3 mode.
- **TUN-/NEXT:** Tune down frequency in radio mode, or go to next track in MP3 mode.

- **DC 5V Charging Jack:** Micro USB port for charging the internal battery.
- **TF Card Jack:** Slot for inserting a TF (MicroSD) card for MP3 playback.
- **Headphone Jack (3.5mm Stereo):** For connecting earphones.
- **Pull Rod Antenna:** Extendable antenna for FM and SW reception.

Setup

Charging the Battery

Image: The HRD-605 radio being charged via its USB port from a wall adapter. The image also shows alternative charging methods like a power bank and a laptop.

1. Connect the provided USB charging cable to the DC 5V Charging Jack on the radio.
2. Connect the other end of the USB cable to a USB power source (e.g., computer USB port, USB wall

adapter, power bank).

3. The battery icon on the LCD screen will indicate charging status.

4. A full charge typically takes 3-4 hours. The battery indicator will show full when charging is complete.

Note: The radio has a built-in 500mAh rechargeable lithium battery, providing over 12 hours of continuous playback on a full charge.

Inserting a TF Card

Image: A close-up view of a TF (MicroSD) card being inserted into the dedicated slot on the side of the HRD-605 radio.

1. Locate the TF card jack on the side of the radio.

2. Insert a TF (MicroSD) card with the metal contacts facing down until it clicks into place.

3. Ensure your audio files are in MP3 or WAV format. The radio supports TF cards up to 128GB.

Operating Instructions

Power On/Off and Mode Selection

1. To power on the radio, slide the Function Switch to either the "FM" or "MP3" position.

2. To power off the radio, slide the Function Switch to the "OFF" position.

3. To switch between FM radio and MP3 player mode, use the Function Switch.

Radio Operation (FM/AM/SW)

WALKMAN POCKET RADIO

Fully automatic can preset 90 stations. (FM 20, MW 20, SW 50)

FM 98.0 MHz

MW 520 KHz

SW 5.80 MHz

FM:
76 - 108 MHz

MW:
522- 1620KHz(9KHz)
520- 1710KHz(10KHz)

SW:
4.75 - 21.85 MHz

Image: The HRD-605 radio displaying example frequencies for FM (98.0 MHz), MW (5.20 KHz), and SW (5.80 MHz), indicating its multi-band capabilities and automatic station preset feature.

1. **Band Selection:** In radio mode, press the **BAND/SCAN/TIME** button repeatedly to cycle through FM, AM (MW), and Shortwave (SW) bands.

2. **Automatic Tuning Storage (ATS):** To automatically scan and save available stations, press and hold the **BAND/SCAN/TIME** button. The radio will scan and store up to 90 stations (20 FM, 20 AM, 50 SW).

3. **Manual Tuning:** Briefly press the **TUN+** or **TUN-** buttons to fine-tune the frequency step by step. Press and hold **TUN+** or **TUN-** to automatically scan for the next available station.

4. **Recalling Saved Stations:** After performing ATS, briefly press the **VOL+** or **VOL-** buttons to cycle through the saved stations.

5. **Antenna:** For optimal FM and SW reception, extend the pull rod antenna fully. For AM reception, the

internal antenna is generally sufficient, but rotating the radio may improve signal.

MP3 Player Operation

1. Ensure a TF card with MP3/WAV audio files is inserted.
2. Slide the Function Switch to the "MP3" position. The radio will automatically start playing the first track on the TF card.
3. **Next Track:** Briefly press the **TUN-** button.
4. **Previous Track:** Briefly press the **TUN+** button.
5. **Play/Pause:** (Functionality may vary, typically a short press of a central button or the power button if available in MP3 mode).

Volume Adjustment

1. Press the **VOL+** button to increase the volume.
2. Press the **VOL-** button to decrease the volume.

Using Headphones

Image: A person listening to the HRD-605 radio using wired headphones, demonstrating the 3.5mm stereo headphone jack feature.

Insert any standard 3.5mm stereo headphones into the headphone jack for private listening. The internal speaker will automatically mute when headphones are connected.

Maintenance

- Clean the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or high humidity.
- Do not disassemble the radio. This will void the warranty.
- If not in use for a long period, charge the battery at least once every three months to maintain its lifespan.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted.	Charge the radio for 3-4 hours.

Problem	Possible Cause	Solution
Poor radio reception.	Antenna not extended; weak signal area; interference.	Fully extend the pull rod antenna. Try rotating the radio for better AM reception. Move to an area with stronger signal or away from electronic interference.
MP3 player not working.	No TF card inserted; TF card not formatted correctly; unsupported file format; TF card corrupted.	Ensure TF card is properly inserted. Check if files are MP3/WAV format. Try a different TF card.
No sound from speaker/headphones.	Volume too low; headphones not fully inserted; faulty headphones.	Increase volume using VOL+ button. Ensure headphones are fully plugged in. Test with different headphones.

Specifications

Feature	Detail
Model Number	HRD-605
Product Dimensions	3.4 x 1.8 x 0.7 inches (8.6 x 4.6 x 1.8 cm)
Item Weight	0.634 ounces (18 grams)
Radio Bands Supported	FM, AM (MW), Shortwave (SW)
FM Frequency Range	76 - 108 MHz
AM (MW) Frequency Range	522 - 1620 KHz (9KHz step) / 520 - 1710 KHz (10KHz step)
SW Frequency Range	4.75 - 21.85 MHz
Battery	500mAh Rechargeable Lithium Ion
Charging Time	Approx. 3-4 hours
Playback Time	Over 12 hours (continuous)
TF Card Support	Up to 128GB (MP3/WAV format)
Headphone Jack	3.5mm Stereo
Special Features	Backlit LCD, Station memory presets (20 AM, 20 FM, 50 SW), 12/24 Hour digital clock, Built-in speaker

Warranty and Support

HanRongDa products are designed for reliability and performance. If you encounter any issues or have questions regarding your HRD-605 Portable Radio, please contact the seller or manufacturer directly for assistance. Please refer to your purchase documentation for specific warranty terms and contact

information.