

Eboxer HRD-737

Eboxer Portable Aircraft Band Radio Receiver Scanner HRD-737 User Manual

Model: HRD-737

1. INTRODUCTION

Thank you for purchasing the Eboxer HRD-737 Portable Aircraft Band Radio Receiver Scanner. This device is designed for wide frequency reception, including AIR, FM, AM, CB, SW, and VHF bands. It features a digital LCD display, retractable antenna, and multiple search modes for convenient operation. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Eboxer HRD-737 Radio Receiver
- 1 x Headphone
- 1 x Charging Wire (USB cable)
- 1 x User Manual (this document)
- 1 x Lanyard
- 1 x Extended Antenna
- 1 x Ear Plug (set of ear tips)



Image: Eboxer HRD-737 radio and its accessories, including headphones, charging cable, lanyard, and extended antenna.

3. PRODUCT OVERVIEW

The HRD-737 radio features a compact design with a clear digital LCD display and intuitive controls. It is equipped with a retractable antenna for standard reception and an extended antenna for enhanced shortwave reception.

3.1. Key Features

- **Full Band Reception:** Covers AIR, FM, AM, CB, SW, and VHF frequencies.
- **Digital LCD Display:** Provides clear frequency and time information.
- **Multiple Search Modes:** Manual, automatic, and full automatic search with station storage.
- **Built-in Rechargeable Battery:** 700mAh 3.7V lithium battery for portable use.
- **Audio Output:** Integrated speaker and 3.5mm headphone jack.
- **Retractable and Extended Antennas:** For optimized signal reception across different bands.

3.2. Controls and Ports

Key Operation Instructions



Image: Labeled diagram of the Eboxer HRD-737 radio's controls and ports.

1. **Power/Sleep Button:** Press to turn on/off, or activate sleep mode.
2. **Lock Key:** Locks the buttons to prevent accidental changes.
3. **DC 5V External Power Supply:** Micro USB port for charging.
4. **3.5mm Headphone Jack:** For private listening.
5. **Antenna:** Retractable telescopic antenna.
6. **LCD Display:** Shows frequency, time, and other information.
7. **Volume +:** Increases volume.
8. **Volume -:** Decreases volume.
9. **Memory Button (MEMO):** Accesses stored stations.
10. **Mode Switch (MODE):** Switches between search modes or functions.
11. **Set Up (SET):** Enters setup menu.
12. **Band Button (BAND):** Switches between frequency bands (AIR, FM, AM, CB, SW, VHF).
13. **Speaker:** Integrated audio output.
14. **Lanyard Interface:** Attachment point for the lanyard.
15. **Channel +:** Navigates up through channels/frequencies.
16. **Channel -:** Navigates down through channels/frequencies.

4. SETUP

4.1. Charging the Battery

The HRD-737 radio is equipped with a built-in 700mAh 3.7V lithium battery. Before first use, fully charge the battery.

- Connect the provided charging wire to the DC 5V External Power Supply port (3) on the radio.
- Connect the other end of the charging wire to a standard USB power adapter (not included) or a computer USB port.
- The LCD display will indicate charging status. Once fully charged, disconnect the charging wire.

built-in 700mah 3.7V large capacity lithium battery



Image: The Eboxer HRD-737 radio highlighting its built-in 700mAh 3.7V lithium battery.

4.2. Antenna Usage

The radio uses a retractable telescopic antenna for most bands. For enhanced shortwave (SW) reception, use the included extended antenna.

- **Retractable Antenna:** Extend the telescopic antenna (5) fully for optimal reception. Adjust its length and direction to find the best signal.
- **Extended Antenna:** For shortwave reception, hold the clip of the extended antenna and attach it to the tip of the retractable antenna. Pull out the retractable antenna and adjust the length and direction of both antennas to improve shortwave signal reception.

Match With Extended Antenna

1. Hold the antenna head with a clip to better receive short waves.
2. Pullout the antenna, adjust the antenna length and direction to find the best reception.



Image: Instructions for connecting the extended antenna to the Eboxer HRD-737 radio.

5. OPERATION

5.1. Power On/Off

Press the **Power/Sleep Button** (1) to turn the radio on or off. A short press may activate sleep mode, while a long press typically powers the device completely off.

5.2. Adjusting Volume

Use the **Volume +** (7) and **Volume -** (8) buttons to adjust the audio output level.

5.3. Band Selection

Press the **BAND Button** (12) repeatedly to cycle through the available frequency bands: AIR, FM, AM, CB, SW, and VHF.



Image: The Eboxer HRD-737 radio showing its full band reception capabilities.

5.4. Tuning and Scanning

The radio supports various methods for finding stations:

- **Manual Tuning:** Use the **Channel +** (15) and **Channel -** (16) buttons to manually adjust the frequency step by step.
- **Automatic Search:** Press the **MODE Button** (10) to select an automatic search mode. The radio will scan and stop at strong signals.
- **Full Automatic Search and Store:** This mode scans the entire selected band and automatically saves all found stations into memory. Refer to the display for instructions during this process.

5.5. Memory Functions

The radio can store up to 50 radio stations per band.

- **Storing a Station:** After tuning to a desired station, press and hold the **MEMO Button** (9) to save it. Follow on-screen prompts to select a memory slot.
- **Recalling a Station:** Press the **MEMO Button** (9) to enter memory recall mode, then use **Channel +**

(15) and **Channel** - (16) to navigate through stored stations.

5.6. Headphone Use

For private listening, plug the included headphones into the **3.5mm Headphone Jack** (4). The internal speaker will automatically mute.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in use for extended periods.
- **Water Resistance:** The product is listed as "Water Resistant." This typically means it can withstand splashes but should not be submerged in water. Avoid exposing it to heavy rain or dropping it into liquids.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is discharged.	Charge the battery using the provided charging wire.
Poor reception or static.	Antenna not fully extended or improperly positioned. Weak signal in the area.	Fully extend the telescopic antenna. Adjust its direction. For shortwave, attach and adjust the extended antenna. Try moving to a different location.
No sound from speaker.	Volume is too low. Headphones are plugged in.	Increase the volume using Volume + . Unplug headphones if connected.
Buttons are unresponsive.	Lock function is activated.	Press the Lock Key (2) to deactivate the button lock.

8. SPECIFICATIONS

Feature	Detail
Brand	Eboxer
Model	HRD-737
Frequency Range	AIR: 118 - 138 MHz (5K/50K STEP SEL) FM: 87.5 - 108 MHz (0.1MHz STEP) AM: 520 - 1720 KHz (9K/10K STEP SEL) CB: 25 - 28 MHz (5KHz STEP) SW: 2 - 30 MHz (5KHz STEP) VHF: 30 - 223 MHz
Number of Channels	50 per band

Feature	Detail
Power Supply	Built-in 700mAh 3.7V Lithium Battery
Charging Voltage	DC 5V
Speaker	40mm, 8Ω, 1W
Headphone Jack	3.5mm
Dimensions (D x W x H)	0.59" x 4.1" x 0.6" (approx. 15mm x 103mm x 60mm)
Item Weight	0.16 Kilograms
Water Resistance Level	Water Resistant



9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: ASHATA