

## Zerone 2

# Zerone AM FM Pocket Radio (Model 2) User Manual

Portable Full Frequency Receiver with Clock and Alarm

## 1. INTRODUCTION

Thank you for purchasing the Zerone AM FM Pocket Radio, Model 2. This portable full-frequency receiver is designed to provide reliable access to FM, AM, Shortwave (SW), Longwave (LW), and TV sound broadcasts. It includes convenient features such as a clock, alarm, and memory functions. Please read this manual carefully to ensure proper use and to maximize your listening experience.

## 2. PRODUCT OVERVIEW

The Zerone Pocket Radio is a compact and versatile device. Familiarize yourself with its components:



**Figure 2.1:** Front view of the Zerone Pocket Radio, showing the display, speaker grille, and control buttons.



Figure 2.2: Side view of the radio, highlighting the extendable antenna, 3.5mm headphone jack, and Micro USB power input.



**Figure 2.3:** Rear view of the radio, displaying the battery compartment cover and product information label.

## 3. SETUP

### 3.1 Battery Installation

The radio requires **two (2) AA batteries** (not included) for portable operation.

1. Locate the battery compartment on the back of the radio.
2. Slide the battery compartment cover downwards to open it.
3. Insert two AA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.



**Figure 3.1:** Battery compartment open, showing where to insert AA batteries.

**Caution:** Do not mix new and old batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

### 3.2 External Power Supply

The radio supports external power supply via a **Micro USB connection (3V-5V DC)**. A charging cable is NOT included. Connect a compatible Micro USB cable to the radio's Micro USB port and to a suitable power source (e.g., USB wall adapter, computer USB port).

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

- To turn the radio **ON**, press the **ON/OFF** button.
- To turn the radio **OFF**, press the **ON/OFF** button again.
- A total power off button is also available to prevent battery leakage or accidental power-on when the radio is stored.

## 4.2 Band Selection

Press the **FM**, **MW** (AM), or **SW** buttons to switch between frequency bands. The radio supports FM, AM, SW1-SW7, LW, and TV sound frequencies.

## 4.3 Tuning

There are two primary methods for tuning:

- **Manual Tuning:** Use the **TUNING UP (▲)** and **TUNING DOWN (▼)** buttons to adjust the frequency incrementally. The default step values are 0.05MHz for FM, 0.005MHz for Shortwave, and 9KHz or 10KHz for MW (AM), depending on the radio type (Type 1: 10KHz, Type 2: 9KHz).
- **Automatic Search:** The radio supports automatic station searching. Refer to the on-screen prompts or specific button combinations for initiating an auto-scan.

## 4.4 Volume Control

Adjust the listening volume using the **VOLUME UP (▲)** and **VOLUME DOWN (▼)** buttons.

## 4.5 Clock and Alarm Functions

The radio features a built-in clock and alarm function.

- To set the time, press the **TIME** button, then use the **HOUR** and **MINUTE** buttons to adjust.
- To set the alarm, refer to the specific instructions for your model, typically involving a long press of the **ALARM** or **TIME** button followed by time adjustment.

## 4.6 Memory Function

The radio can store up to 60 stations (20 for Shortwave, 20 for Medium Wave, and 20 for FM).

- To save a station: Tune to the desired station, then long press the **MEMORY** button. The display will prompt you to select a memory slot. Use the tuning buttons to select a slot, then press **MEMORY** again to confirm.
- To recall a saved station: Press the **MEMORY** button briefly, then use the tuning buttons to cycle through saved stations.
- The **FAVORITE** button may provide quick access to a preferred station.

## 4.7 Mute and Lock Functions

- **Mute:** Press the **MUTE** button to silence the audio. Press again to unmute.
- **Lock Frequency:** The radio can be set to a lock frequency state to prevent accidental changes. Refer to the specific button combination for activation and deactivation (e.g., long press **LOCK** or a combination of buttons).

## 4.8 Automatic Backlight

The buttons feature an automatic backlight function for easier operation in low-light conditions.

## 4.9 FM Stereo Mode (with Earphones)

To activate FM stereo sound:

1. Plug earphones into the 3.5mm headphone jack.
2. In FM mode, long press the **MEMORY** button for approximately 2 seconds. A "STEREO" indicator will appear on the display.
3. To cancel stereo mode, long press the **MEMORY** button again, or unplug the earphones.

**Figure 4.1:** Radio with earphones connected, enabling FM stereo listening.

| Feature               | Specification |
|-----------------------|---------------|
| Model Number          | 2             |
| Frequency Range (FM)  | 64-108 MHz    |
| Frequency Range (SW1) | 3.2-5.945 MHz |

| Feature                    | Specification                                                                   |
|----------------------------|---------------------------------------------------------------------------------|
| Frequency Range (SW2)      | 5.95-9.495 MHz                                                                  |
| Frequency Range (SW3)      | 9.5-11.645 MHz                                                                  |
| Frequency Range (SW4)      | 11.65-15.095 MHz                                                                |
| Frequency Range (SW5)      | 15.1-17.495 MHz                                                                 |
| Frequency Range (SW6)      | 17.5-21.445 MHz                                                                 |
| Frequency Range (SW7)      | 21.45-21.9 MHz                                                                  |
| MW Tuning Step (Type 1)    | 10 KHz (for North/South America, South Korea, Philippines, Taiwan, New Zealand) |
| MW Tuning Step (Type 2)    | 9 KHz (for other countries)                                                     |
| Number of Storage Stations | 60 (20 SW, 20 MW, 20 FM)                                                        |
| Single Selectivity         | Better than 10dB                                                                |
| Internal Speaker           | Diameter 57mm, 8 Ohm, 0.5 Watts                                                 |
| External Headphones        | 3.5mm / 32 Ohm x 2                                                              |
| Battery                    | 2 x AA batteries (NOT included)                                                 |
| External Power Supply      | 3V-5V DC via Micro USB                                                          |
| Item Weight                | 0.19 kg                                                                         |
| Material                   | Plastic                                                                         |
| Color                      | Black                                                                           |

## 6. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Battery Care:** Remove batteries if the radio will not be used for an extended period to prevent leakage.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna:** Handle the telescopic antenna carefully to avoid bending or breaking.

## 7. TROUBLESHOOTING

| Problem                 | Possible Cause                                                                      | Solution                                                                                                                                                  |
|-------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power                | Batteries are dead or incorrectly inserted. External power not connected or faulty. | Check battery polarity and replace if necessary. Ensure Micro USB power cable is securely connected and functional.                                       |
| Poor reception / Static | Weak signal, antenna not extended, interference.                                    | Fully extend the telescopic antenna. Reposition the radio for better signal. Avoid sources of electronic interference. For AM/LW, try rotating the radio. |

| Problem                        | Possible Cause                                  | Solution                                                                                                                              |
|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Cannot tune to desired station | Incorrect band selected, frequency lock active. | Ensure you are on the correct frequency band (FM/AM/SW). Check if the frequency lock function is enabled and disable it if necessary. |
| Alarm does not sound           | Alarm not set correctly, volume too low.        | Verify alarm time and activation. Increase volume.                                                                                    |
| Display is dim or blank        | Low battery power.                              | Replace batteries or connect to external power.                                                                                       |

## 8. SAFETY INFORMATION

- Do not expose the radio to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the radio to strong impacts.
- Do not attempt to disassemble or modify the radio. This will void any potential warranty.
- Keep out of reach of small children.
- Dispose of batteries responsibly according to local regulations.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Zerone aims to provide high-quality products and support to its customers.

Manufacturer Contact Information: Wuhan, Hubei 430060, CN

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**