

Retevis RM01

Retevis RM01 Handheld Marine Radio User Manual

Model: RM01

1. INTRODUCTION

The Retevis RM01 is a lightweight and portable handheld marine radio designed for use in marine environments such as fishing, kayaking, motorboating, and sailing. It features IP67 waterproof and floating capabilities, NOAA weather alerts, and access to 88 US/CA/International channels. This manual provides detailed instructions for the proper setup, operation, and maintenance of your RM01 marine radio.



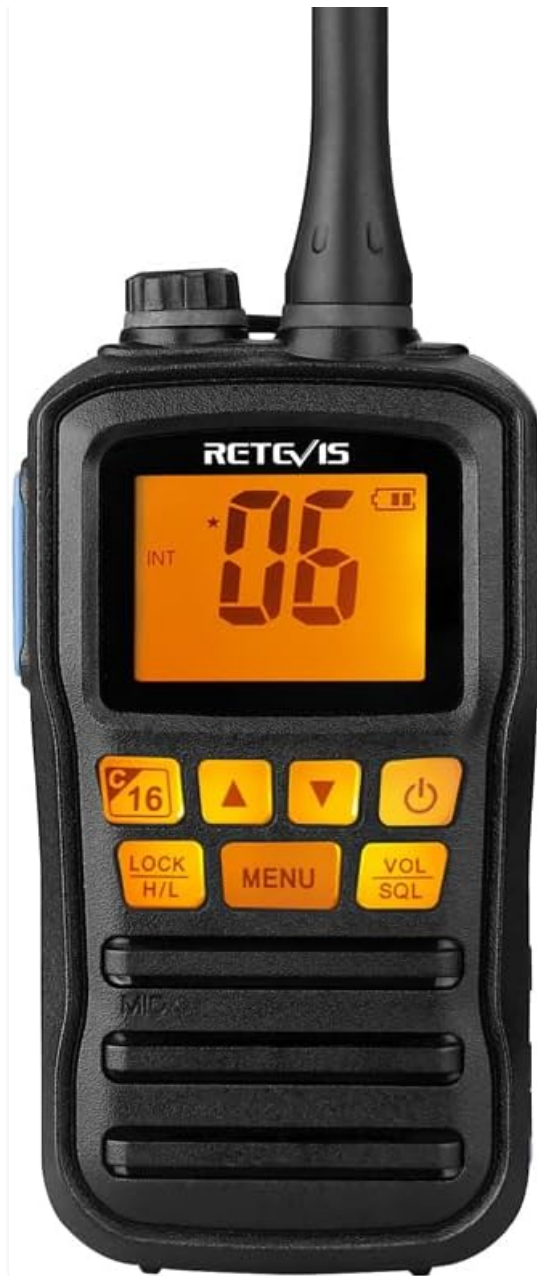


Figure 1.1: Retevis RM01 Handheld Marine Radio

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x Retevis RM01 Marine Transceiver
- 5 x 1.2V (AAA) Ni-MH Batteries
- 1 x Antenna
- 1 x AC Adapter
- 1 x Charging Cable
- 1 x Car Charger
- 1 x Belt Clip
- 1 x Lanyard
- 1 x English Manual



Figure 2.1: Package Contents

3. SETUP

3.1 Battery Installation

The RM01 marine radio uses 5 AAA Ni-MH batteries (included). To install the batteries:

1. Ensure the radio is powered off.
2. Locate the battery compartment cover on the back of the radio.
3. Unscrew the battery compartment cover counter-clockwise and remove it.
4. Insert the 5 AAA Ni-MH batteries, ensuring the '+' and '-' terminals align correctly with the markings inside the compartment. Incorrect polarity can damage the device.
5. Replace the battery compartment cover and tighten it clockwise until secure to maintain the IP67 waterproof seal.



IMPORTANT NOTICE:

Please make sure that the "+" and "-" terminals of the batteries correspond to each other!

Figure 3.1: Battery Installation - Important Notice on Polarity

3.2 Charging the Radio

The RM01 comes with an AC charger, DC car charger, and a charging cable. Use only the provided charging accessories to charge the radio.

1. Connect the charging cable to the charging port on the radio.
2. Connect the other end of the charging cable to either the AC adapter (for wall charging) or the DC car charger (for vehicle charging).
3. Plug the AC adapter into a standard wall outlet or the DC car charger into your vehicle's 12V power socket.
4. The charging indicator on the radio will illuminate during charging. Charging is complete when the indicator changes or turns off (refer to the radio's display for battery status).



Long service life

Can meet your needs for long time offshore operations

5*AAA batteries (included)



Easy to charge



Figure 3.2: Charging Setup

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume Control

To power on the radio, press and hold the power button (**VOL/SQL** knob). To power off, press and hold the same button. Rotate the **VOL/SQL** knob to adjust the volume level.

4.2 Channel Selection

The RM01 supports 88 US, Canadian, and International channels. Use the **UP** and **DOWN** arrow buttons to navigate through channels. Channel 16 is the international distress, urgency, and safety channel.

4.3 NOAA Weather Alert

The radio includes a dedicated weather channel and weather alert function to provide advance notice of severe weather conditions.



Figure 4.1: NOAA Weather Alert Function

4.4 Dual and Triple Watch

The RM01 features Dual and Triple Watch modes, allowing you to monitor multiple channels simultaneously:

- **Dual Watch:** Alternately monitors the current working channel and Channel 16.
- **Triple Watch:** Alternately monitors the current working channel, Channel 16, and a user-selected call channel.



Figure 4.2: Dual/Triple Watch Modes

4.5 Keypad Lock

To prevent accidental changes to settings or channels, the RM01 features a keypad lock function. Press the **LOCK H/L** button to activate or deactivate the keypad lock.

4.6 Vibration Drainage

The vibration drainage function helps to expel water from the speaker grille after the radio has been submerged, ensuring clear audio quality.

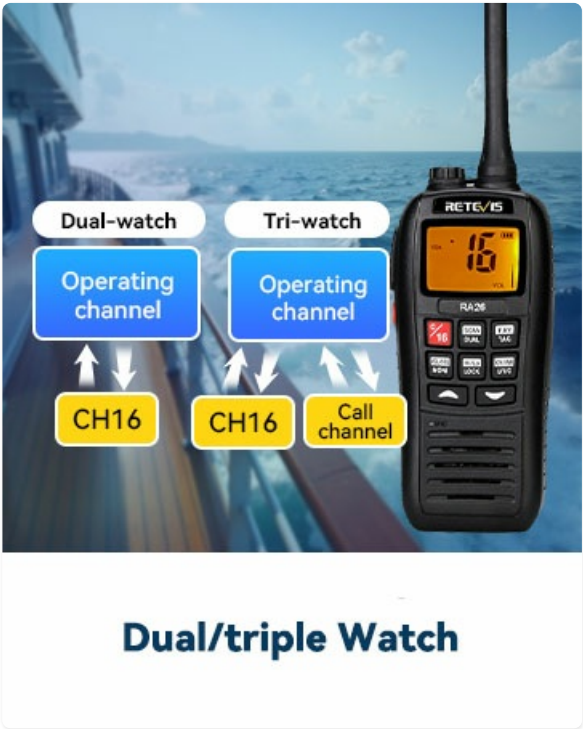


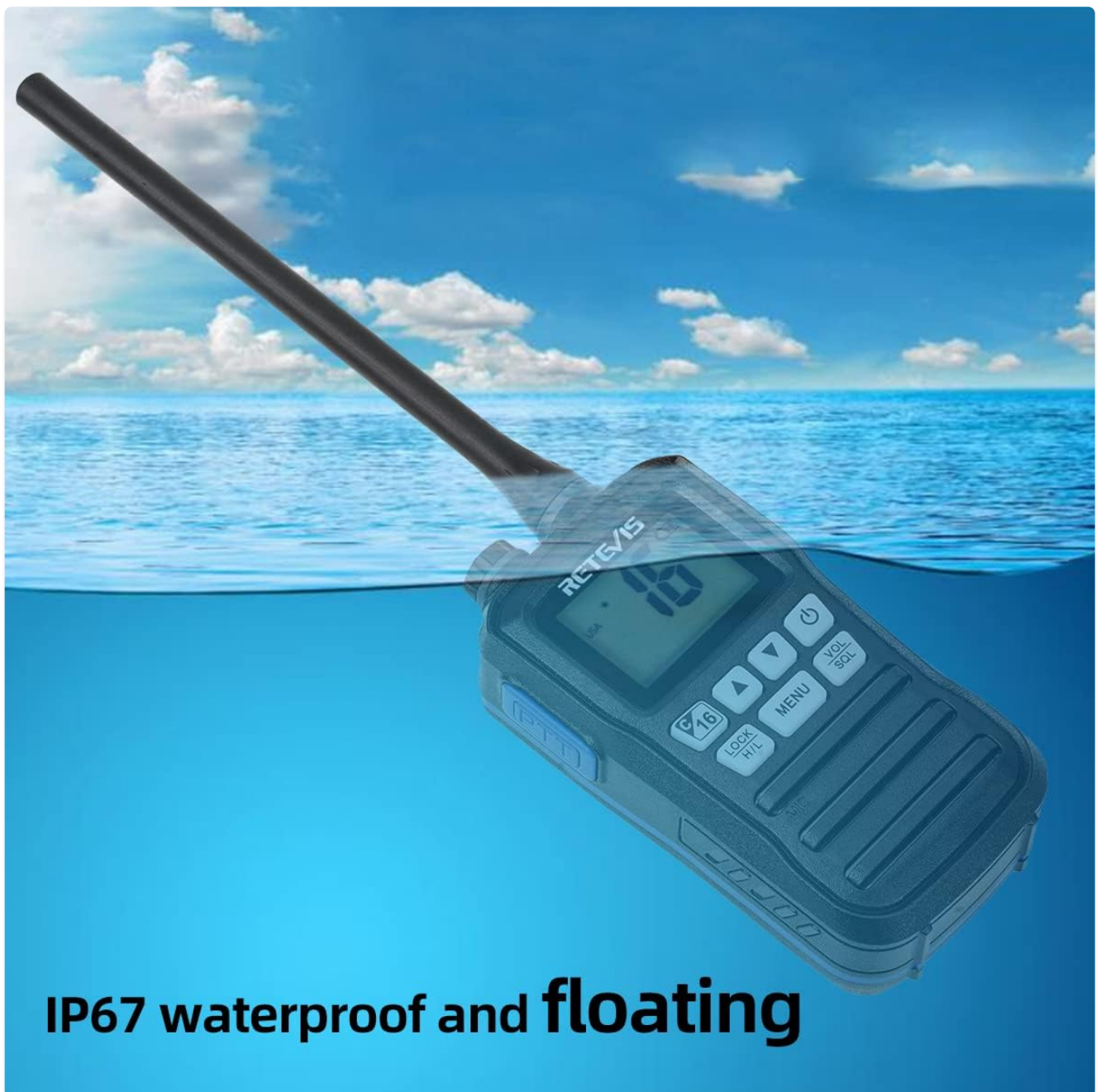
Figure 4.3: Vibration Drainage Feature



Figure 4.4: Multi-functional Keypad and Display

5. KEY FEATURES

- **IP67 Waterproof & Floating:** The RM01 is designed to withstand immersion in 1 meter of water for 30 minutes and will float if dropped into water, making it easy to retrieve.
- **Portable Design:** Its sleek and lightweight design, along with the included lanyard, makes it easy to carry and use in various marine activities.
- **Strong Salt Resistance and Corrosion Resistance:** Built to endure harsh marine environments.



IP67 waterproof and floating

Figure 5.1: IP67 Waterproof and Floating

Small and sturdy

Strong salt spray resistance and corrosion resistance



Figure 5.2: Small and Sturdy Design

6. MAINTENANCE

- **Cleaning:** After exposure to saltwater or dirt, wipe the radio clean with a damp cloth and then dry thoroughly with a soft, dry cloth.
- **Waterproof Seal:** Always ensure the battery compartment cover is securely tightened to maintain the IP67 waterproof rating. Regularly inspect the rubber gasket around the cover for any signs of wear or damage.
- **Battery Care:** If the radio will not be used for an extended period, remove the batteries to prevent leakage and corrosion.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

- **Radio does not power on:** Check if the batteries are correctly installed with the correct polarity. Ensure the batteries are charged.
- **No audio or distorted audio:** Ensure the volume is turned up. If the radio was recently submerged, use the

vibration drainage function to clear water from the speaker.

- **Cannot transmit or receive:** Verify that you are on the correct channel. Check if the keypad lock is engaged. Ensure the antenna is securely attached.
- **Water inside the battery compartment:** Immediately remove batteries and dry the compartment thoroughly. Inspect the battery cover gasket for damage and ensure it was properly tightened.

8. SPECIFICATIONS

Specification	Detail
Model Number	RM01
Item Weight	1.15 pounds
Product Dimensions	8.62 x 7.76 x 2.8 inches
Batteries	5 x 1.2V AAA Ni-MH (included)
Display Type	LCD
Water Resistance Level	IP67 Waterproof (1m for 30min)
Number of Channels	88 (US/CA/International)
Special Features	Weather Alert, Floating, Vibration Drainage
Tuner Technology	VHF
Manufacturer	Retevis

9. WARRANTY AND SUPPORT

Retevis provides the following warranty and support for the RM01 Handheld Marine Radio:

- **Radio Body:** 2-year warranty from the date of purchase.
- **Accessories:** 1-year warranty for included accessories.
- **Returns:** 30-day no-reason return policy.

Beyond the warranty period, Retevis continues to offer maintenance services, with buyers responsible for associated costs.

For any inquiries or support, please contact Retevis customer service through the Amazon platform. They aim to reply within 12 hours.

For more information about Retevis products, visit the official [Retevis Store on Amazon](#).

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

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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