

Retevis RM01P

Retevis RM01P Marine Radio User Manual

Model: RM01P

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation of your Retevis RM01P Marine Radio. Please read this manual thoroughly before using the device and retain it for future reference.

The Retevis RM01P is a lightweight, portable, and waterproof VHF marine radio designed for reliable communication in maritime environments. Key features include IP67 waterproofing, floating design, NOAA weather alerts, and a long-lasting battery.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- 1 x Retevis RM01P Marine Radio
- 1 x Battery (1750mAh)
- 1 x Car Charger
- 1 x Belt Clip
- 1 x Lanyard
- 1 x Type-C Charging Cable
- 1 x Power Adapter
- 1 x User Manual

Package Includes



Image: Contents of the Retevis RM01P Marine Radio package.

3. SETUP

3.1 Battery Installation

1. Ensure the radio is powered off.
2. Locate the battery compartment cover on the back of the radio.
3. Open the cover by sliding or unlatching it according to the markings.
4. Insert the 1750mAh battery, ensuring the contacts align correctly.
5. Securely close the battery compartment cover.

3.2 Charging the Battery

The RM01P features convenient Type-C charging. The charging progress will be displayed on the screen.

1. Connect the Type-C charging cable to the radio's charging port.
2. Connect the other end of the cable to the provided power adapter or a compatible 5V USB power source (e.g., power bank, car charger).
3. Allow the battery to charge fully before first use. A full charge provides approximately 15 hours of continuous

use and 66 hours on standby.

Charging Upgrade



RM01P
Charge anytime,
anywhere

Type-C
charging

5V
input voltage



RM01
Limited charging
options

3.5mm
single pin

12V
input voltage





Power
Adapter



Power
Bank



USB
Interface

Image: Retevis RM01P charging via Type-C, highlighting its convenience.

Long-Lasting Battery

 RM01P Battery 1750mAh Working 15h Standby 66h Battery type Built-in li-ion battery	VS	 RM01 Battery 850mAh Working 6h Standby 24h Battery type NiMH battery
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Charging more convenient

 RM01P Charging Type-C Charging voltage: 5V	 RM01 Charging: 3.5mm Single Pin Charging voltage: 12V
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Image: Comparison of RM01P's 1750mAh battery and Type-C charging versus the RM01 model.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the **Power** button (usually marked with a power symbol) to turn the radio on or off.

4.2 Volume and Squelch Adjustment

- **Volume (VOL):** Use the VOL/SQL button or dedicated volume controls to adjust the audio output level.
- **Squelch (SQL):** The squelch function mutes weak signals or background noise. Adjust the squelch level to hear only clear transmissions.

4.3 Channel Selection

The RM01P supports 88 global marine channels (US, International, Canadian). Use the Up/Down arrow buttons to navigate through channels.



Image: The radio's display indicating 88 global channels.

4.4 Emergency Channel 16 (CH16)

Channel 16 is the international distress, safety, and calling frequency. To quickly access CH16:

- Press the dedicated **16/C** button for instant access.
- Use CH16 to send distress signals or contact other vessels/stations for assistance.

16-Channel

Press the 16/C button for instant distress calls



Image: Activating Channel 16 on the Retevis RM01P for emergency calls.



Image: The radio's display indicating the CH16 Emergency Channel.

4.5 Dual/Triple Watch

This feature allows you to monitor multiple channels simultaneously.

- **Dual Watch:** Monitors the current operating channel and Channel 16.
- **Triple Watch:** Monitors the current operating channel, Channel 16, and a designated call channel.

Refer to the radio's menu for activating and configuring Dual/Triple Watch modes.

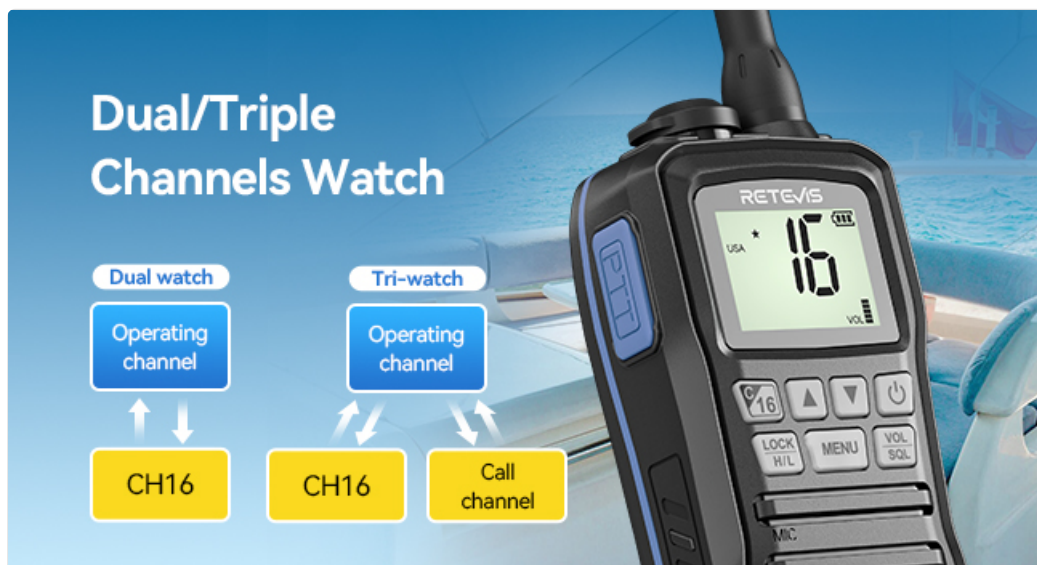


Image: Explanation of Dual/Triple Watch functionality.

4.6 NOAA Weather Channels

The RM01P includes 10 NOAA weather channels to provide real-time weather alerts and forecasts, crucial for maritime safety.

- Access NOAA channels through the radio's menu or a dedicated button (if available).
- Activate weather alerts to be notified of severe weather conditions.

10 NOAA Weather Channels

Real-time weather alerts to avoid storms and hazards



Image: The radio's display showing NOAA weather channel information and weather alert icons.

NOAA Weather Alerts

Access 24/7 real-time national disaster & weather alerts for maritime safety



Rainstorm



Hurricane



Snowstorm



Earthquake



Image: NOAA Weather Alerts feature on the Retevis RM01P.

4.7 Transmitting and Receiving

- To transmit, press and hold the **Push-To-Talk (PTT)** button located on the side of the radio. Speak clearly into the microphone.
- Release the PTT button to receive.
- **High/Low Power (H/L):** Use the H/L button to switch between high and low transmission power. Low power conserves battery life and is suitable for short-range communication.

4.8 Menu Navigation

Press the **MENU** button to access the radio's settings and advanced features. Use the Up/Down arrow buttons to navigate and the Enter/Select button to confirm selections.



Image: Channel Favoriting/Marking feature accessible via the menu.

5. MAINTENANCE

5.1 Waterproofing and Cleaning

The RM01P is IP67 waterproof, meaning it can withstand immersion in 1 meter of water for 30 minutes. After exposure to saltwater, rinse the radio with fresh water and dry it thoroughly to prevent corrosion.



Image: The RM01P radio floating in water, showcasing its IP67 waterproof rating.

IP67 Waterproof

Survives 1m submersion for 30min



Image: The RM01P demonstrating its IP67 waterproof capability.

Floating Design

Automatically floats to the surface
when dropped into water
during maritime navigation



Image: The RM01P's floating design, allowing easy retrieval if dropped in water.

5.2 Vibration Water Draining

The radio features a vibration function to drain water from the speaker and microphone, maintaining clear communication even after exposure to water.

- Activate the vibration water draining function as needed, especially after the radio has been submerged or heavily splashed.
- Refer to the user interface or menu for instructions on activating this feature.

Vibration Water Draining

Shakes off seawater to keep communication active



Image: The radio's vibration water draining function in action.

5.3 Battery Care

- Avoid fully discharging the battery frequently.
- Store the radio and battery in a cool, dry place when not in use for extended periods.
- Use only the provided charging accessories.

6. TROUBLESHOOTING

If you encounter issues with your Retevis RM01P Marine Radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; Incorrect battery installation	Charge the battery; Reinstall the battery correctly
Cannot transmit or receive	Incorrect channel selected; Squelch level too high; Out of range; Antenna not properly connected	Verify channel; Adjust squelch; Move closer to other radio; Check antenna connection
Poor audio quality / Static	Weak signal; Squelch level too low; Water in speaker/mic; Interference	Move to a clearer area; Adjust squelch; Use vibration water draining; Move away from interference sources
Battery drains quickly	Constant high power transmission; Old battery; Frequent use	Use low power when possible; Replace battery if old; Reduce continuous transmission time

If the problem persists after attempting these solutions, please contact Retevis customer support.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	RM01P-3W & 1750 mAh
Item Weight	1.06 pounds (approx. 480g)
Product Dimensions	2.48 x 4.69 x 1.38 inches (6.3 x 11.9 x 3.5 cm)
Battery	1750mAh Nonstandard Battery (included)
Water Resistance Level	IP67 Waterproof (1m depth for 30min)
Number of Channels	88 International Channels
NOAA Channels	10 NOAA Weather Channels
Charging Type	Type-C, 5V DC
Special Features	Floating, Vibration Water Draining, Dual/Triple Watch, Lightweight
Color	Black

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Retevis provides the following warranty for the RM01P Marine Radio:

- **Radio Body:** 2-year warranty.
- **Accessories:** 1-year warranty.
- **Returns:** 30-day no-reason return policy.

Beyond the warranty period, maintenance services are still offered, with buyers responsible for corresponding costs.

8.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact Retevis customer support through their official channels or the retailer where the product was purchased.

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