

ICOM M73-11 PLUS

Icom M73-11 Plus Hand-Held VHF Radio User Manual

Model: M73-11 PLUS | Brand: ICOM

1. INTRODUCTION AND OVERVIEW

The Icom M73-11 Plus is a compact 6-Watt VHF radio designed for reliable communication in marine environments. Its ergonomic design facilitates comfortable one-handed operation, and with an 18-hour battery life, it ensures extended usage. This model features bass boost and active noise cancelling to enhance audio clarity by emphasizing lower frequencies and reducing background noise.

Key Features:

- Weatherproof construction for reliable outdoor use.
- IPX8 waterproof rating, allowing submersion in water.
- Rechargeable battery for convenient power management.
- Integrated LED Flashlight for illumination in low-light conditions.
- Dedicated Emergency Alert Button for distress signaling.
- Voice Recording capability (for received signals).
- Bass Boost and Active Noise Cancelling for improved audio quality.



Figure 1: Front view of the Icom M73-11 Plus Hand-Held VHF Radio, showing the display, keypad, and antenna.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- Icom M73-11 PLUS Hand-Held VHF Radio Unit
- Rechargeable Battery (Lithium Ion)
- Battery Charger
- Belt Clip (if applicable, not explicitly listed but common)
- Antenna

3. SETUP

3.1 Battery Installation

1. Ensure the radio is powered off.
2. Locate the battery compartment cover on the rear of the radio.
3. Unlatch or unscrew the cover as indicated by the markings.
4. Insert the provided rechargeable Lithium Ion battery, ensuring the contacts align correctly.
5. Securely close and latch/screw the battery compartment cover to maintain the waterproof seal.

3.2 Initial Charging

1. Connect the battery charger to a suitable power outlet.
2. Place the radio (with battery installed) into the charging cradle or connect the charging cable directly to the radio's charging port.
3. Observe the charging indicator light on the radio or charger. It typically changes color or turns off when charging is complete.
4. Allow the battery to fully charge before first use. A full charge can take several hours.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on: Press and hold the **POWER** button (usually located on the top or side) until the display illuminates.
- To power off: Press and hold the **POWER** button again until the display turns off.

4.2 Channel Selection

- Use the **UP/DOWN** arrow buttons to scroll through available channels.
- Press the **16/C** button to quickly switch to Channel 16 (distress and calling channel) or to return to the last selected working channel.
- The radio supports 22 channels.

4.3 Transmit and Receive

- To receive: Ensure the radio is powered on and tuned to the desired channel. The radio will automatically receive signals.
- To transmit: Press and hold the **PTT (Push-To-Talk)** button on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen.
- Adjust volume using the dedicated volume knob or buttons.

4.4 Special Features

- **Voice Recording:** The radio has a voice recording function for received signals. Consult the on-screen menu or specific button (e.g., REC) for activation and playback.
- **Emergency Alert Button:** In an emergency, press the dedicated **EMERGENCY** button (often red or clearly marked) to send a distress signal. Refer to local regulations for proper use.
- **LED Flashlight:** Activate the built-in LED flashlight by pressing the designated button (e.g., LIGHT or F+LIGHT).

- **Scan Function:** Use the **SCAN** button to scan through programmed channels or all channels for activity. The **DUAL** function allows monitoring two channels simultaneously.
- **High/Low Power (H/L):** Use the **H/L** button to switch between high and low transmit power settings to conserve battery or reduce interference.
- **Favorite Channels (FAV):** Program frequently used channels into the favorite list using the **FAV** button for quick access.
- **Channel/Weather (CH/WX):** Switch between standard channels and weather channels using the **CH/WX** button.

5. MAINTENANCE

5.1 Cleaning

- Wipe the radio's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the battery compartment and charging contacts are clean and dry before charging or re-sealing.
- Rinse the radio with fresh water after exposure to saltwater to prevent corrosion.

5.2 Battery Care

- Charge the battery fully before long periods of storage.
- Store the radio and battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid completely draining the battery frequently, as this can reduce its lifespan.

6. TROUBLESHOOTING

If you encounter issues with your Icom M73-11 Plus, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on.	Battery is dead or not properly installed.	Charge the battery. Ensure the battery is correctly inserted and the compartment cover is secured.
Poor reception or no audio.	Incorrect channel, low volume, or antenna issue.	Verify channel selection. Increase volume. Ensure antenna is securely attached. Check for obstructions.
Unable to transmit.	PTT button not pressed, low battery, or channel busy.	Press and hold PTT firmly. Charge battery. Wait for the channel to clear.
Short battery life.	Battery degradation or frequent high-power transmission.	Ensure full charge cycles. Use low power setting when possible. Consider replacing battery if old.

7. SPECIFICATIONS

Feature	Detail
Model Number	M73-11 PLUS

Feature	Detail
Product Dimensions	9 x 7.4 x 3.7 inches
Item Weight	2.15 pounds (approx. 0.97 kg)
Batteries	1 Lithium Ion battery required
Water Resistance Level	IPX8 Waterproof
Number of Channels	22
Frequency Range	136-174 MHz (VHF)
Tuner Technology	VHF
Voltage	3.7 Volts
Human Interface Input	Buttons
Manufacturer	ICOM
Date First Available	January 7, 2013

8. WARRANTY AND SUPPORT

Specific warranty details for the Icom M73-11 Plus are not provided in this manual. For information regarding warranty coverage, service, or technical support, please contact ICOM directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase for any warranty claims. You can visit the ICOM Store for more information: [ICOM America Store](#)