

ICOM F1000 01 + BC-213

Icom IC-F1000 01 Two-Way Radio User Manual

MODEL: F1000 01 + BC-213

1. Introduction

This user manual provides essential information for the safe and efficient operation of your Icom IC-F1000 01 two-way radio. Please read this manual thoroughly before using the radio to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. Safety Information

Always observe the following precautions to prevent fire, personal injury, and radio damage.

- **Do not** operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- **Do not** modify the radio. Unauthorized modifications could invalidate your warranty and violate technical regulations.
- **Do not** expose the radio to direct sunlight for extended periods or to temperatures below -25°C (-13°F) or above +55°C (+131°F).
- **Do not** use non-Icom battery packs or chargers. This may cause damage to the radio or lead to fire.
- Keep the radio and accessories out of reach of children.
- If the radio emits an abnormal odor, sound, or smoke, immediately turn off the power and remove the battery pack. Contact your Icom dealer.

Battery Pack Safety

- **Do not** incinerate battery packs. They may explode.
- **Do not** short-circuit the battery terminals.
- **Do not** immerse the battery pack in water.
- If battery fluid gets into your eyes, rinse immediately with clean water and seek medical attention.

3. Package Contents

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

- Icom IC-F1000 01 Two-Way Radio
- Battery Pack (Lithium Ion)
- Antenna

- Belt Clip
- Charger (BC-213)
- AC Adapter for Charger



Figure 3.1: Complete package contents of the Icom IC-F1000 01 Two-Way Radio.

4. Product Overview

The Icom IC-F1000 01 is a compact and robust VHF two-way radio designed for reliable communication. Below are the key components of the radio:



Figure 4.1: Side view of the Icom IC-F1000 01 Two-Way Radio.

- **Antenna:** For transmitting and receiving radio signals.
- **Volume Knob:** Rotates to adjust the audio output level.
- **Channel Knob:** Rotates to select one of the 16 available channels.
- **PTT (Push-To-Talk) Button:** Press and hold to transmit, release to receive.
- **Microphone:** For speaking during transmission.
- **Speaker:** For receiving audio.

- **Battery Pack:** Provides power to the radio.

5. Setup

5.1 Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery pack upwards until it clicks into place.
3. To remove, slide the battery release latch (if present) and slide the battery pack downwards.

5.2 Charging the Battery

Use the supplied BC-213 charger and AC adapter to charge the battery pack.

1. Connect the AC adapter to the BC-213 charger.
2. Plug the AC adapter into a wall outlet.
3. Place the radio with the battery pack installed, or just the battery pack, into the charging slot of the BC-213.
4. The charging indicator light on the charger will illuminate (typically red) to indicate charging is in progress.
5. Once charging is complete, the indicator light will change color (typically green) or turn off. A full charge typically takes several hours.

6. Operating

6.1 Power On/Off

Rotate the Volume knob clockwise to turn the radio ON. Rotate it counter-clockwise until it clicks to turn the radio OFF.

6.2 Volume Adjustment

After turning the radio on, rotate the Volume knob to adjust the audio output level to a comfortable listening level.

6.3 Channel Selection

Rotate the Channel knob to select the desired communication channel. The radio supports 16 channels. The channel announcement function will verbally indicate the selected channel number.

6.4 Transmitting and Receiving

- **To Receive:** Ensure the radio is on and the volume is adjusted. The radio will automatically receive signals on the selected channel.
- **To Transmit:** Before transmitting, listen to ensure the channel is clear. Press and hold the PTT button. Speak clearly into the microphone. Release the PTT button to return to receive mode.

6.5 Channel Announcement Function

The IC-F1000 01 features a channel announcement function that verbally announces the selected channel number when the Channel knob is rotated. This feature is useful for operation in low-light conditions or when the radio is not easily visible.

7. Maintenance

7.1 Cleaning

- Wipe the radio with a soft, dry cloth.
- For stubborn dirt, use a cloth dampened with water and a mild detergent, then wipe dry.
- **Do not** use harsh chemicals, solvents, or abrasive cleaners.

7.2 Storage

- When storing the radio for extended periods, remove the battery pack.
- Store the radio and battery in a cool, dry place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Battery pack is not installed correctly or is discharged.	Ensure battery is properly installed. Charge the battery pack.
No sound from speaker.	Volume is too low. Channel is inactive.	Increase volume. Select an active channel.
Cannot transmit.	PTT button not pressed correctly. Battery low.	Press and hold PTT button firmly. Charge battery.
Short communication range.	Obstructions (buildings, terrain). Antenna not properly attached.	Move to an open area. Ensure antenna is securely screwed on.

9. Specifications

Feature	Specification
Model Number	F1000 01 + BC-213
Frequency Range	136-174 MHz (VHF)
Number of Channels	16
Power Output	5 Watt
Battery Type	Lithium Ion
Voltage	3.7 Volts
Water Resistance Level	Waterproof
Item Weight	1.5 pounds
Package Dimensions	8.82 x 7.01 x 2.99 inches

10. Warranty and Support

For warranty information, technical support, or service inquiries, please contact your authorized Icom dealer or visit the official Icom website. Keep your purchase receipt as proof of purchase for warranty.

claims.

You can also visit the official ICOM Store on Amazon for more information and products:[ICOM Store](#)

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