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BAOFENG F22

Baofeng F22 Walkie Talkies User Manual

Model: F22

1. Introduction

Thank you for purchasing the Baofeng F22 Walkie Talkies. This manual provides detailed instructions for the safe and efficient operation of your two-way radio. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. Safety Information

- Do not operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- Do not charge the battery in wet environments.
- Use only specified chargers and batteries. Using unauthorized accessories may void your warranty and cause damage.
- Keep the radio away from medical devices to avoid interference.
- Do not disassemble or modify the radio. Repairs should only be performed by authorized service personnel.
- Avoid prolonged exposure to direct sunlight or extreme temperatures.

3. Package Contents

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

- Baofeng F22 Walkie Talkie Units (2)
- Li-ion Battery Packs (2)
- USB Charging Cables (2)
- Wrist Straps (2)
- User Manual (this document)



Image: The complete package contents of the Baofeng F22 Walkie Talkies, including two radio units, two Li-ion battery packs, two USB charging cables, and two wrist straps, displayed alongside the product box.

4. Product Overview

The Baofeng F22 features a compact design with an LCD display, integrated flashlight, and intuitive controls for ease of use.



Image: A comprehensive view of the Baofeng F22 Walkie Talkies, showing two blue radio units, two Li-ion battery packs, two USB charging cables, and two wrist straps. The radios feature an LCD display and prominent buttons.

Key Features:

- 22 FRS Channels
- 12 NOAA Weather Channels
- 155 Privacy Codes (CTCSS/DCS)
- Hands-Free Operation (VOX)
- Call Alert Function
- Emergency Strobe Light / Flashlight
- Backlit LCD Display
- Channel Scan Function
- Keypad Lock
- Type-C USB Jack for Charging
- 2-pin Kenwood Headset Jack



Image: An illustration highlighting various features of the Baofeng F22 Walkie Talkie, including Li-ion battery pack, 22 FRS channels, output power, 12 NOAA weather channels, 155 privacy codes, VOX, call alert, 2-pin Kenwood jack, emergency strobe light, channel scan, LCD display, keypad lock, and Type-C USB jack.

5. Setup

5.1 Battery Installation

The Baofeng F22 can be powered by the included Li-ion rechargeable battery pack or by 3 AA non-rechargeable alkaline batteries (not included).

1. Ensure the radio is turned off.
2. Locate the battery compartment cover on the back of the radio.
3. Slide the cover down and remove it.
4. **For Li-ion Battery:** Insert the Li-ion battery pack into the compartment, ensuring the contacts align correctly.
5. **For AA Batteries:** Insert 3 AA alkaline batteries, observing the polarity (+/-) markings inside the compartment.

6. Replace the battery compartment cover and slide it up until it clicks into place.

5.2 Charging the Li-ion Battery

To charge the included Li-ion battery pack:

1. Connect the USB charging cable to the Type-C USB port on the side of the radio.
2. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
3. The battery indicator on the LCD display will show charging status.
4. Charging typically takes several hours. Disconnect the charger once the battery is fully charged.

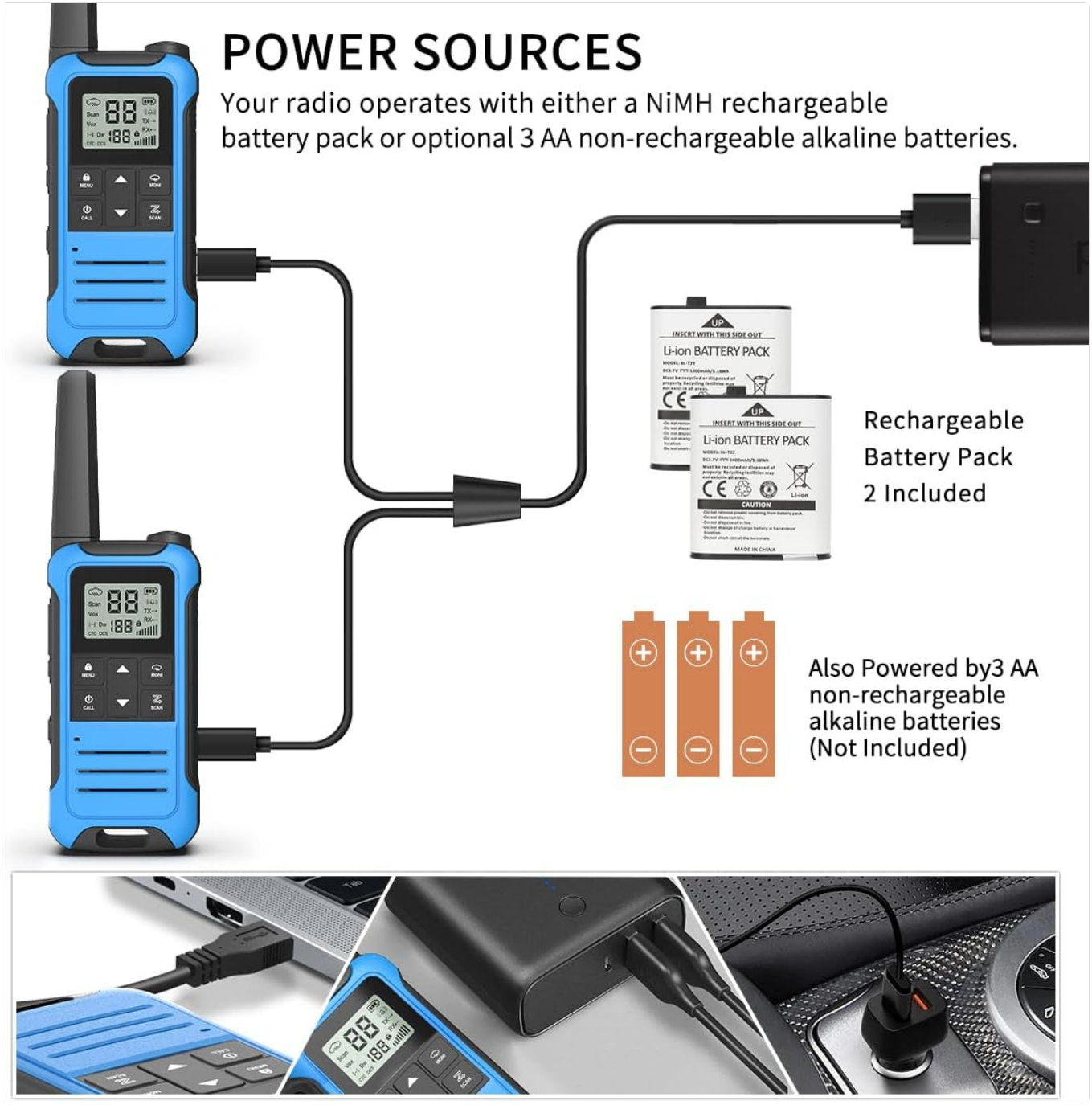


Image: An illustration demonstrating the power source options for the Baofeng F22 Walkie Talkie. It shows the radio being charged via USB with the included rechargeable Li-ion battery pack, and also indicates the option to use 3 AA non-rechargeable alkaline batteries (not included).

6. Operating Instructions

6.1 Power On/Off and Volume

- **Power On:** Press and hold the **Power/Call** button until the LCD screen illuminates.
- **Power Off:** Press and hold the **Power/Call** button until the screen turns off.
- **Volume Adjustment:** Use the **Up** and **Down** arrow buttons to adjust the listening volume.

6.2 Channel Selection

The Baofeng F22 has 22 FRS channels. To change channels:

- Press the **Menu** button. The channel number will flash.
- Use the **Up** or **Down** arrow buttons to select the desired channel.
- Press the **Menu** button again to confirm your selection, or wait a few seconds for the setting to save automatically.

6.3 Privacy Codes (CTCSS/DCS)

Privacy codes help reduce interference from other users on the same channel. The F22 supports 155 privacy codes.

- Press the **Menu** button twice to enter the privacy code setting. The current code will flash.
- Use the **Up** or **Down** arrow buttons to select a privacy code (0-155). Code '0' means no privacy code.
- Press the **Menu** button again to confirm. Ensure all radios in your group are set to the same channel and privacy code.

6.4 Push-to-Talk (PTT)

To transmit, press and hold the **PTT** button located on the side of the radio. Speak clearly into the microphone. Release the **PTT** button to listen.

6.5 VOX (Voice Operated Exchange)

VOX allows hands-free operation. When VOX is enabled, the radio transmits automatically when it detects your voice.

- Press the **Menu** button multiple times until 'VOX' appears on the display.
- Use the **Up** or **Down** arrow buttons to select the VOX sensitivity level (e.g., 1-5, with 5 being most sensitive). Select 'OFF' to disable VOX.
- Press **Menu** to confirm.

6.6 Call Alert

To send an audible alert tone to other radios on the same channel:

- Press the **Call** button (often integrated with the Power button).
- The radio will transmit a distinct tone to alert other users.

6.7 Flashlight Operation

The F22 is equipped with a built-in flashlight for convenience.

- To turn the flashlight on/off, locate the dedicated **Flashlight** button (often on the top or side of the radio).
- Press once for constant light, press again for strobe light (if available), and press a third time to turn off.



Image: A hand holding the Baofeng F22 Walkie Talkie in a dark outdoor setting, demonstrating the strong light emitted from its integrated flashlight. A tent is visible in the background, suggesting its utility for camping or hiking.

6.8 NOAA Weather Channels

The F22 can receive 12 NOAA weather channels to provide real-time weather alerts.

- Press the **Weather** button (or navigate through the Menu to the Weather function).
- The radio will scan for and tune into the strongest NOAA weather broadcast in your area.
- The radio can alert you to severe weather conditions such as blizzards, fires, earthquakes, and rainstorms.



Image: The Baofeng F22 Walkie Talkie displayed with an overlay indicating 'NOAA Service' and the text 'Withstand in extreme weather condition, Listen to All Hazards Weather Channels and Alerts'. Icons for blizzard, fires, earthquakes, and rainstorm are shown, emphasizing its weather alert capabilities.

6.9 Scan Function

The scan function allows you to monitor all available channels for activity.

- Press the **Scan** button. The radio will begin scanning through channels.
- When a signal is detected, the scan will pause on that channel.
- To stop scanning, press the **Scan** button again.

6.10 Keypad Lock

To prevent accidental button presses, you can lock the keypad.

- Press and hold the **Menu** button until the lock icon appears on the display.
- To unlock, press and hold the **Menu** button again until the lock icon disappears.

7. Maintenance and Care

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Remove batteries if the radio will not be used for an extended period. Store batteries in a cool, dry place.
- **Storage:** Store the radio in a dry, dust-free environment away from direct sunlight and extreme temperatures.
- **Water Exposure:** While the radio has an IP65 rating for dust and water resistance, avoid submerging it in water. Dry thoroughly if it gets wet.

8. Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; Incorrect battery installation.	Charge the battery or replace AA batteries; Reinstall battery correctly.
Cannot transmit or receive.	Different channel/privacy code; Out of range; Obstructions.	Ensure all radios are on the same channel and privacy code; Move closer to other radios; Move to an open area.
Poor audio quality.	Low battery; Out of range; Obstructions; Volume too low.	Charge battery; Move closer; Adjust volume.
Keypad is unresponsive.	Keypad lock is active.	Press and hold the **Menu** button to unlock the keypad.

9. Specifications

Feature	Specification
Model Number	F22
Number of Channels	22 FRS Channels
Privacy Codes	155 (CTCSS/DCS)
Display Type	LCD
Battery Type	2 Lithium Ion batteries (included) or 3 AA alkaline batteries (not included)
Battery Life	Approximately 8 Hours (typical use)
Talking Range Maximum	Up to 3 Miles (line of sight, terrain dependent)
Tuner Technology	UHF
Special Feature	Weather Alert (NOAA)
International Protection Rating	IP65

Feature	Specification
Item Weight	1.08 pounds
Package Dimensions	8.54 x 7.01 x 2.09 inches

10. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official BAOFENG website. Keep your proof of purchase for warranty claims.

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