

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [BAOFENG](#) /

› [BAOFENG MP25 FRS Radio Instruction Manual](#)

BAOFENG MP25

BAOFENG MP25 FRS Radio Instruction Manual

MODEL: MP25

1. Product Overview

The BAOFENG MP25 FRS Radio is a versatile and durable two-way radio designed for clear communication. It features 22 FRS channels, NOAA weather alerts, VOX hands-free operation, and a backlit LCD display. This manual provides essential information for the safe and efficient use of your MP25 radio.

VERSATILE & DURABLE

Easy to Use

-  22 Channel
-  50 CTCSS codes
105 DCS codes
-  VOX
Hands Free
-  LED Flash-
-  Keypad Lock
-  Call Tone
-  Backlit
LCD display
-  One-touch
frequency matching
-  Time Out Timer
-  Weather
Reception
-  Type-C
Fast Charging



Image 1: BAOFENG MP25 FRS Radio highlighting features like 22 channels, CTCSS/DCS codes, VOX, LED flashlight, keypad lock, call tone, LCD display, one-touch frequency matching, time out timer, NOAA weather reception, and Type-C fast charging.



Image 2: Detailed diagram showing the components of the BAOFENG MP25 radio, including Antenna, Breathing Light, PTT button, Up/Down buttons, MENU button, CALL button, LED Flashlight, LCD Display, MONI button, SCAN button, Speaker, SPK/MIC port, and USB Port.

2. Setup

2.1 Package Contents

Before starting, ensure all items are present in the package:

- BAOFENG MP25 FRS Radio (2 units)
- Li-ion Battery Pack (2 units)
- Belt Clip (2 units)
- Lanyard (2 units)
- Type-C Charging Cable (2 units)
- User Manual



T25 transceiver



User's Guide×1



Li-Ion battery pack ×2



Belt clip ×2



Lanyard ×2



Type-C charging cable ×2

Image 3: The complete package contents of the BAOFENG MP25 FRS Radio, including two radios, two battery packs, two belt clips, two lanyards, two Type-C charging cables, and the user guide.

2.2 Battery Installation

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover downwards to remove it.
3. Remove the plastic insulator from the battery terminals if present.
4. Insert the Li-ion battery pack into the compartment, ensuring the contacts align correctly. The 'UP' arrow on the battery pack indicates the correct orientation.
5. Replace the battery compartment cover by sliding it upwards until it clicks into place.

2.3 Charging the Battery

The BAOFENG MP25 radio is powered by a 1400mAh rechargeable lithium battery. It can be charged using the provided Type-C USB cable.

1. Open the rubber cover on the side of the radio to expose the Type-C charging port.
2. Connect the Type-C charging cable to the radio's port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
4. The battery indicator on the LCD display will show charging status.

- Once fully charged, disconnect the cable and close the rubber cover to protect the port from dust and moisture.



Image 4: The BAOFENG MP25 FRS Radio being charged via its Type-C USB port, illustrating the flexibility of using various USB power sources.

2.4 Power On/Off

To power on the radio, press and hold the **Power** button (usually marked with a power symbol) until the LCD screen illuminates. To power off, press and hold the same button until the screen turns off.

2.5 Initial Check

After powering on, ensure the display shows a channel number and battery level. If the battery is low, charge it before use.

3. Operating Instructions

3.1 Channel Selection

The BAOFENG MP25 features 22 FRS channels. To change channels:

1. Press the **MENU** button to enter the menu.
2. Use the **Up** or **Down** arrow buttons to navigate to the channel setting.
3. Press **MENU** again to select the channel.
4. Use the **Up** or **Down** arrow buttons to select your desired channel (1-22).
5. Press **MENU** to confirm, or **CALL** to exit without saving.

For private communication, you can set CTCSS (Continuous Tone-Coded Squelch System) or DCS (Digitally Coded Squelch) codes. These codes filter out unwanted conversations on the same channel.

3.2 Transmitting and Receiving

1. Ensure both radios are on the same channel and privacy code (if used).
2. To transmit, press and hold the **PTT (Push-To-Talk)** button located on the side of the radio. Speak clearly into the microphone.
3. Release the **PTT** button to stop transmitting and listen for a response.

3.3 NOAA Weather Alerts

The radio includes 12 NOAA real-time weather channels to provide critical storm alerts. To access NOAA weather channels:

- Refer to the user manual for specific steps to activate and monitor NOAA weather channels. This typically involves a dedicated menu option or a specific channel range.

3.4 VOX Hands-Free Operation

VOX (Voice-Activated Transmission) allows you to transmit without pressing the PTT button. This feature is ideal when using compatible headphones.

1. Access the menu and navigate to the VOX setting.
2. Enable VOX and adjust the sensitivity level. A higher sensitivity means the radio will transmit with softer voice input.
3. When VOX is active, the radio will automatically transmit when it detects your voice and stop when you stop speaking.

3.5 Keypad Lock

To prevent accidental changes to settings, you can lock the keypad. Press and hold the **MENU** button (often marked with a lock symbol) to activate or deactivate the keypad lock.

3.6 Call Tone

The radio can send a call tone to alert other users on the same channel. Press the **CALL** button to send a call tone.

3.7 Flashlight

The integrated LED flashlight can be activated by pressing the dedicated **LAMP** or **Flashlight** button, usually located at the bottom of the radio or accessible via a quick press of a function button.

3.8 Monitor Function

The Monitor function allows you to temporarily disable squelch and listen to all activity on a channel, including weak signals. Press the **MONI** button to activate this feature.

3.9 Scan Function

The Scan function allows the radio to automatically scan through all available channels to find active conversations. Press the **SCAN** button to start or stop scanning.

Your browser does not support the video tag.

Video 1: This video demonstrates the unboxing, battery installation, power-on sequence, channel changing, call function, flashlight activation, and charging process of the BAOFENG MP25 FRS Radio. It also shows the interaction between two radios.

4. Maintenance

4.1 General Care

- Keep the radio dry. If it gets wet, wipe it immediately with a soft, dry cloth.
- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or dusty environments.
- Do not attempt to disassemble the radio. This will void the warranty and may cause damage.

4.2 Battery Care

- Always use the original BAOFENG battery and charging cable.
- For long-term storage, remove the battery from the radio to prevent potential discharge, as the radio may consume power even when turned off.
- Store batteries in a cool, dry place.
- Do not dispose of batteries in fire. Recycle them according to local regulations.

5. Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on	Low or depleted battery; Battery not installed correctly; Plastic insulator still on battery terminals.	Charge the battery; Reinstall the battery correctly; Remove the plastic insulator.
No sound or weak reception	Volume too low; Incorrect channel/privacy code; Out of range; Obstructions.	Increase volume; Verify channel/privacy code with other radio; Move closer to other radio; Move to an open area.
Battery drains quickly (even when off)	Known characteristic for some models; Battery aging.	Remove battery for long-term storage; Replace battery if it no longer holds a charge.
Cannot transmit	PTT button not pressed; Keypad locked; Out of range.	Press and hold PTT; Unlock keypad; Move closer to other radio.

6. Specifications

Feature	Description
Model	MP25

Feature	Description
Channels	22 FRS Channels
Privacy Codes	121 (50 CTCSS, 105 DCS)
Battery	1400mAh Rechargeable Lithium Ion (LB-722)
Standby Time	Up to 48 hours
Charging	Type-C USB
Special Features	NOAA Weather Alerts, VOX Hands-Free, LCD Backlit Display, LED Flashlight, Keypad Lock, Call Tone, Scan Function, Monitor Function
Compatible Devices	Two-way radios (FRS), Headsets, Earpieces
Water Resistance Level	Not Water Resistant
Parcel Dimensions	18.5 x 9.3 x 7.7 cm; 400 g

7. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact BAOFENG customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.