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BAOFENG T25

BAOFENG T25 Walkie Talkie User Manual

Model: T25

1. Introduction

The BAOFENG T25 is a versatile FRS two-way radio designed for reliable communication in various settings, from outdoor adventures to family events. This manual provides detailed instructions for setting up, operating, and maintaining your T25 walkie talkies to ensure optimal performance and a clear, secure communication experience.



Image: BAOFENG T25 walkie talkies in use during a family camping trip, demonstrating their suitability for outdoor activities.

2. Package Contents

Before you begin, please verify that all items are present in your package:

- Yellow walkie talkie x1
- Blue walkie talkie x1
- Li-ion battery x2 (1400mAh)
- Earphone x2
- Dual socket charger head x1
- Type-C charging cable x2
- Belt clip x2
- Lanyard x2

- User Manual x1



Image: A visual representation of all items included in the BAOFENG T25 walkie talkie package, such as the two radios, batteries, earphones, charger, cables, belt clips, and lanyards.

3. Product Overview

Familiarize yourself with the components and controls of your BAOFENG T25 walkie talkie:



Image: A detailed diagram labeling the various parts of the BAOFENG T25 walkie talkie, including the antenna, PTT button, LED flashlight, LCD display, menu button, call button, scan button, monitor button, speaker, microphone, USB port, and accessory port. Also shown are the included accessories.

Antenna: For transmitting and receiving signals.

PTT (Push-to-Talk) Button: Press and hold to transmit your voice.

LAMP (Emergency button): Activates the emergency strobe light.

LED Flashlight: Provides illumination.

LCD Display: Shows channel, battery status, and other indicators.

MENU Button: Accesses settings and functions.

CALL Button: Initiates a call alert.

SCAN Button: Activates channel scanning.

MONI Button: Monitors current channel activity.

Up/Down Buttons: Navigate menus and change settings (e.g., channel).

Speaker/Microphone (SPK/MIC): For audio output and input.

USB Port (Type-C): For charging the device.

Accessory Port: For connecting earphones or other accessories.

4. Setup

4.1. Battery Installation

The BAOFENG T25 can be powered by the included 1400mAh Li-ion battery or 3 AA batteries (not included).

1. Ensure the walkie talkie is turned off.
2. Remove the battery compartment cover on the back of the radio.
3. If using the Li-ion battery, align the battery pack with the contacts and gently press it into place until it clicks.
4. If using AA batteries, insert 3 AA batteries, ensuring correct polarity (+/-).
5. Replace the battery compartment cover, ensuring it is securely latched.

4.2. Initial Charging

It is recommended to fully charge the Li-ion battery before first use.

- Connect the Type-C charging cable to the USB port on the side of the walkie talkie.
- Connect the other end of the cable to the dual socket charger head, and then plug it into a power outlet. Alternatively, you can connect the Type-C cable to any compatible USB power source (car charger, power bank, laptop).
- The charging indicator on the radio (if available) or screen will show charging status.
- A full charge typically takes several hours.



Image: Illustration demonstrating how to install the 1400mAh Li-ion battery or 3 AA batteries, and various methods for charging the BAOFENG T25 via its Type-C USB port, including car charger, power bank, laptop, and wall adapter.

5. Operating Instructions

5.1. Power On/Off and Volume

- To power on, press and hold the **Power/Menu** button until the screen lights up.
- To power off, press and hold the **Power/Menu** button again until the screen turns off.
- Adjust volume using the dedicated volume buttons or through the menu.

5.2. Channel Selection

The T25 has 22 FRS channels. To select a channel:

- Use the **Up** and **Down** arrow buttons to cycle through available channels.
- Ensure all radios you wish to communicate with are set to the same channel and privacy code (CTCSS/DCS).

5.3. Transmitting and Receiving

- 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 stop transmitting and listen for a response.
- When receiving a signal, the radio will automatically open the channel and you will hear the incoming transmission.

5.4. Keypad Lock

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

- Press and hold the **MENU** button for a few seconds until a lock icon appears on the display.
- To unlock, press and hold the **MENU** button again until the lock icon disappears.



Image: A close-up view of the BAOFENG T25's control panel, highlighting the MENU button which is used to activate or deactivate the keypad lock feature, indicated by a lock icon on the display.

6. Features

6.1. FRS Channels and Privacy Codes (CTCSS/DCS)

The T25 supports 22 FRS channels. To ensure private communication, it includes 50 CTCSS (Continuous Tone-Coded Squelch System) codes and 105 DCS (Digitally Coded Squelch) codes. These codes filter out unwanted conversations on the same channel.

- To set a privacy code, enter the menu and navigate to the CTCSS/DCS setting.
- Select the desired code. Both radios must use the same channel and privacy code to communicate.



Image: An illustration showing two BAOFENG T25 radios communicating, highlighting the availability of 22 FRS channels and the use of CTCSS/DCS privacy codes for secure and clear conversations.

6.2. VOX (Voice Operated Exchange)

VOX allows for hands-free communication. When activated, the radio will automatically transmit when it detects your voice, and stop transmitting when you stop speaking.

- To enable VOX, access the menu and find the VOX setting.
- Adjust the VOX sensitivity level (higher sensitivity means it will activate with softer voices).



Image: A graphic illustrating the "Easy to Operate" features of the BAOFENG T25, including the VOX function for hands-free communication and 155 privacy codes to protect conversation privacy.

6.3. Dual Watch

Dual Watch allows the radio to monitor two channels simultaneously. It will prioritize the channel that receives a signal first.

- Activate Dual Watch through the menu settings.
- Select the two channels you wish to monitor.

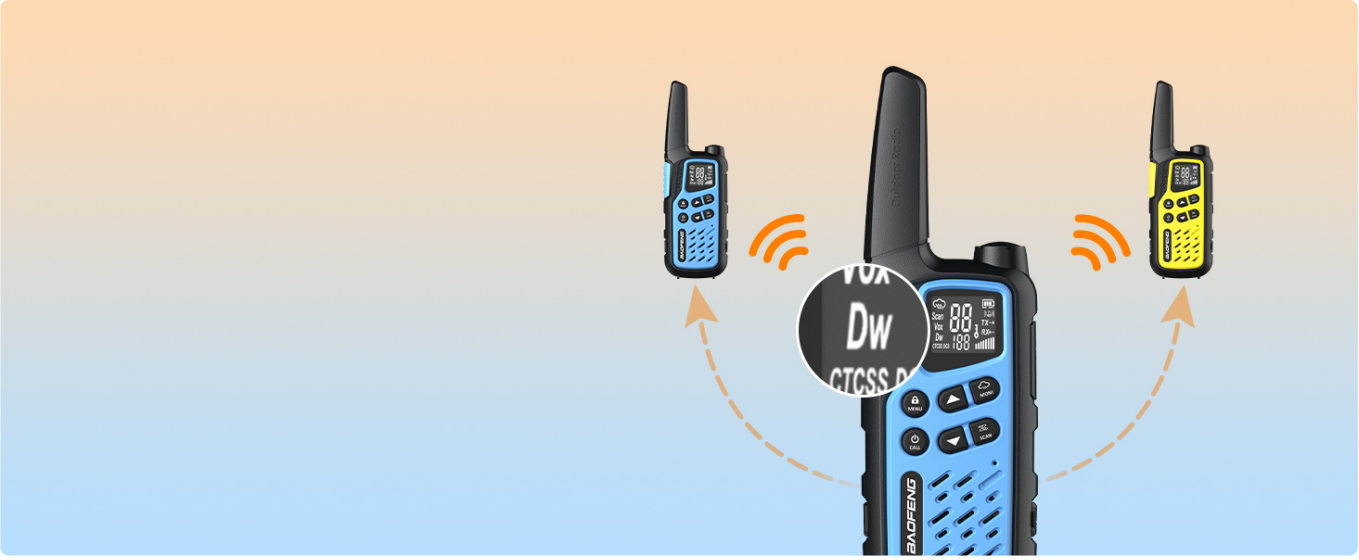


Image: An illustration depicting the Dual Watch feature of the BAOFENG T25, showing one radio monitoring two separate channels simultaneously.

6.4. NOAA Weather Receiver

Stay informed about hazardous weather conditions with the built-in NOAA weather receiver. The T25 can receive weather reports from all 12 channels of the NOAA station.

- Access the NOAA weather function via the menu.
- The radio will scan for and receive local weather alerts.



Image: A graphic highlighting the NOAA Weather Radio feature of the BAOFENG T25, showing the radio's ability to receive weather reports and alerts for various conditions like hurricanes, rainstorms, tsunamis, tornadoes, fires, and floods.

6.5. Channel Scan

The channel scan feature allows you to quickly find active channels.

- Press the **SCAN** button to initiate scanning.
- The radio will cycle through channels and stop on an active one.
- Press **PTT** or **SCAN** again to stop scanning.



Image: A close-up of the BAOFENG T25 radio, emphasizing the SCAN button and illustrating the radio's channel scanning capability to quickly find active frequencies.

6.6. Call Alerts and Roger Beep

- **Call Alert:** Press the **CALL** button to send an audible alert tone to other radios on the same channel, signaling you wish to speak. There are 10 selectable call alerts.
- **Roger Beep:** An audible tone that sounds when you release the PTT button, indicating to the other party that you have finished transmitting. This can usually be enabled/disabled in the menu.



Image: A BAOFENG T25 radio depicted with musical notes emanating from it, symbolizing its call alert feature which allows users to send an audible signal to other radios.

6.7. Emergency Strobe Light and SOS

The T25 includes an emergency strobe light and SOS function for signaling in critical situations.

- Press the **LAMP** button to activate the LED flashlight.
- Long press the **LAMP** button to activate the SOS strobe light.



Image: A graphic illustrating the emergency features of the BAOFENG T25, including an "Always on mode" for the flashlight, a "Strobe emergency mode" for signaling, and a general "Emergency alert" icon.

6.8. TOT (Time Out Timer)

The Time Out Timer prevents a single user from occupying a channel for too long by automatically stopping transmission after a preset time.

- This feature can be configured in the radio's menu.

7. Charging and Battery Management

The BAOFENG T25 offers flexible power options to keep you connected.

7.1. 1400mAh Li-ion Battery

- Each radio comes with a 1400mAh rechargeable Li-ion battery, providing extended usage time.

7.2. Type-C Charging

- The radios feature a convenient Type-C USB charging port.
- You can charge the radios using the included Type-C cables and dual socket charger head, or any standard USB power source such as a car charger, power bank, or laptop.

7.3. AA Battery Compatibility

- For situations where recharging is not possible, the T25 can also be powered by 3 AA batteries (not included), offering excellent flexibility.



Image: A visual guide to the BAOFENG T25's power options, showing the internal Li-ion battery compartment, the option to use 3 AA batteries, and various Type-C charging methods including car charger, wall adapter, power bank, and laptop.

8. Troubleshooting

If you encounter issues with your BAOFENG T25 walkie talkies, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No Power	Battery is low or not installed correctly.	Charge the battery or replace AA batteries. Ensure battery is properly seated.
Cannot Transmit or Receive	Different channels/privacy codes; out of range; PTT not pressed.	Ensure both radios are on the same channel and privacy code. Move closer. Press PTT firmly.
Poor Sound Quality / Static	Weak signal; interference; low battery.	Move to an open area. Check for obstructions. Charge battery.
Keypad is Unresponsive	Keypad lock is activated.	Press and hold the MENU button to unlock the keypad.

Problem	Possible Cause	Solution
Short Communication Range	Obstructions (buildings, terrain); environmental factors.	Move to higher ground or an open area. Range is affected by line of sight.

9. Specifications

Feature	Detail
Model Number	T25
Product Dimensions	1.97 x 1.18 x 7.81 inches (5.0 x 3.0 x 19.8 cm)
Item Weight	1.21 pounds (0.55 kg)
Battery Type	1400mAh Lithium Ion (included) or 3 AA batteries (not included)
Channels	22 FRS Channels
Privacy Codes	50 CTCSS, 105 DCS
Connectivity Technology	USB (Type-C for charging)
Special Features	Long Range, Digital Display, Call Alert, Lightweight, Weather Alert (NOAA), VOX, SOS, Dual Watch, Flashlight, TOT, Roger Beep, Battery/Power Saver, Backlit LCD Display, Low Battery Audible Alert
Radio Bands Supported	UHF
Display Technology	LCD
FCC ID	2AJGM-MP25



Image: A BAOFENG T25 walkie talkie shown with its physical dimensions and a list of key features represented by icons, including 22 channels, NOAA, CTCSS/DCS, Dual Watch, Channel Scan, VOX, Call Tones, TOT, Keypad Lock, and Type-C port.

10. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your product or contact BAOFENG customer service directly. Keep your purchase receipt for warranty claims.
You can often find support contact details on the official BAOFENG website or through the retailer where you purchased the product.

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