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› BAOFENG T26 FRS Two-Way Radio Instruction Manual

## BAOFENG BF-T26

# BAOFENG T26 FRS Two-Way Radio Instruction Manual

Model: BF-T26

## 1. INTRODUCTION

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This manual provides instructions for the safe and effective use of your BAOFENG T26 FRS Two-Way Radios. The T26 radios are designed for clear and reliable communication over short to medium distances. They operate on FRS (Family Radio Service) frequencies, which are license-free for use in the United States.

Key features include a compact design, 2W power output, 16 FRS channels, and Type-C charging. These radios are suitable for various applications, including outdoor activities, event coordination, and general personal communication.



Image 1.1: Two BAOFENG T26 FRS Two-Way Radios with included earpieces.

## 2. PRODUCT FEATURES

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- **Ultra-Thin and Lightweight Design:** The T26 radios are designed for portability, measuring approximately 0.6 inches thick and weighing 3.8 oz (0.2 lbs).
- **FRS Frequencies:** Operates on 16 FRS channels, which are FCC-certified (FCC ID: 2AJGM-T26) for legal use in the U.S. without a ham radio license. Frequencies are pre-locked and not user-reprogrammable.
- **Extended Communication Range:** Provides communication up to 300,000 sq. ft. (20 floors) in optimal conditions, with a 2W high-power output and an extended antenna for stable signal transmission.
- **Privacy Codes:** Features 155 privacy codes (50 CTCSS / 105 CDCSS) to minimize interference from other radios.
- **Long-Lasting Battery:** Equipped with a 1400mAh Li-ion battery, offering up to 48 hours of standby time and 8-10 hours of continuous use.
- **Type-C Charging:** Convenient Type-C port for direct charging, compatible with power banks, PCs, car chargers, and wall chargers.
- **VOX Hands-Free Operation:** Allows for voice-activated transmission without pressing the Push-to-Talk (PTT)

button.

- **Emergency Alarm:** A dedicated function for signaling in urgent situations.



Image 2.1: The BAOFENG T26 radio's slim profile, highlighting its portability.

### 3. PACKAGE CONTENTS

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Please check the package for the following items:

- BAOFENG T26 FRS Two-Way Radio Unit(s)
- Li-ion Battery (pre-installed or separate)
- Earpiece(s)
- Belt Clip(s)
- USB Type-C Charging Cable (often a split cable for multiple units)
- User Manual (this document)

## 4. COMPONENT IDENTIFICATION

Familiarize yourself with the various parts of your BAOFENG T26 radio:



Image 4.1: Labeled diagram of the BAOFENG T26 radio's external components.

1. **Antenna:** For transmitting and receiving radio signals.
2. **Power Switch/Volume Control:** Rotary knob to turn the radio on/off and adjust volume.
3. **PTT (Push-To-Talk) Button:** Press and hold to transmit your voice.
4. **+/Channel UP Button (SK1):** Press to increase the channel number.
5. **-/Channel Down Button (SK2):** Press to decrease the channel number.
6. **Monitor/Alarm Button (SK3):** Used for monitoring channels or activating the emergency alarm.
7. **Speaker:** Outputs received audio.
8. **Built-in Microphone:** Captures your voice for transmission.
9. **Accessory Port:** For connecting earpieces or other compatible accessories.
10. **Type-C Charging Port:** For connecting the USB Type-C charging cable.
11. **Belt Clip:** Attaches the radio to clothing or a belt.

## 5. SETUP

### 5.1. Charging the Battery

Before initial use, fully charge the radio's battery. The T26 features a built-in rechargeable Li-ion battery.

1. Locate the Type-C charging port on the side of the radio.
2. Connect the provided USB Type-C charging cable to the radio's charging port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, PC, power bank).
4. The charging indicator light will illuminate (typically red) during charging and change color (or turn off) when charging is complete.



Image 5.1: Connecting the Type-C charging cable to the radio.

### 5.2. Attaching the Belt Clip

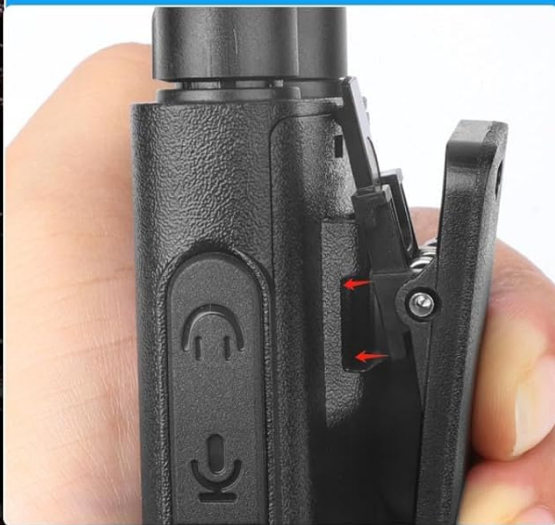
The detachable belt clip allows for convenient carrying.

1. To install: Align the belt clip with the groove on the back of the radio. Press the bottom of the belt clip (short part) into the groove and slide it upwards until it locks into place.
2. To remove: Push the upper lock of the belt clip outward, then push the left thumb against the bottom of the belt clip and gently pull it upwards to detach.

## Detachable belt clip

Large integrated belt clip; Quick remove and install;  
Reliable for long term use

### INSTALL BELT CLIP



**INSTALL BELT CLIP:**  
Install belt clip: As shown in the picture, press the bottom of the belt clip (short part) into the groove on the back of the walkie-talkie, and then locked down

### REMOVE BELT CLIP



**REMOVE BELT CLIP:**  
As shown in the picture, when pulling the upper lock of the belt clip outward, push the left thumb against the bottom of the belt clip and gently upward to remove the belt clip

Image 5.2: Visual guide for belt clip installation and removal.

### 5.3. Connecting the Earpiece

For private listening and hands-free communication, connect the included earpiece to the accessory port on the side of the radio.

## 6. OPERATING INSTRUCTIONS

### 6.1. Power On/Off and Volume Control

Rotate the Power Switch/Volume Control knob clockwise to turn the radio ON. Continue rotating clockwise to increase the volume. Rotate counter-clockwise to decrease the volume. Rotate fully counter-clockwise until a click is heard to turn the radio OFF.

## 6.2. Channel Selection

The T26 radios have 16 pre-programmed FRS channels. To change channels:

- Press the **+ / Channel UP Button (SK1)** to move to the next higher channel.
- Press the **- / Channel Down Button (SK2)** to move to the next lower channel.

A voice prompt will announce the selected channel number.

## 6.3. Transmitting and Receiving

1. Ensure both radios are on the same channel.
2. To transmit, press and hold the **PTT (Push-To-Talk) Button**. Speak clearly into the built-in microphone, holding the radio approximately 2-3 inches from your mouth.
3. Release the PTT button to stop transmitting and listen for a response.
4. When receiving a transmission, the radio will automatically output the audio through the speaker or connected earpiece.

## 6.4. VOX (Voice Operated Exchange) Hands-Free Operation

The VOX function allows you to transmit by speaking into the microphone without pressing the PTT button.

To activate/deactivate VOX:

- On the 5th channel, press and hold the **PTT + Monitor (SK3) buttons** simultaneously while turning on the radio.
- The radio will provide an audible confirmation when VOX is enabled or disabled.

# VOX Hands Free

Turn the VOX function on or off: On the 5th channel, press and hold the PTT + Monitor (SK3) buttons to turn on the radio



Image 6.1: Demonstrating VOX hands-free communication.

## 6.5. Privacy Codes (CTCSS/DCS)

The T26 radios utilize 50 CTCSS (Continuous Tone-Coded Squelch System) and 105 DCS (Continuous Digital-Coded Squelch System) codes. These codes help filter out unwanted conversations from other radios not using the same code on the same channel. The privacy codes are pre-set for each channel and are not user-programmable.

## 6.6. Emergency Alarm

The emergency alarm function can be activated to signal for help.

To activate/deactivate the emergency alarm:

- In standby mode, press and hold the **Monitor (SK3) button** to turn on or off the emergency alarm function.



# Type-C Direct Charging

Convenient type-C charging port (include adapter & charge line)



Power Bank



PC Charging



Car Charging



Wall Charging



Image 6.2: The emergency alarm feature of the BAOFENG T26 radio.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, especially if it will be stored for an extended period.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The BAOFENG T26 is not water-resistant. Avoid exposing it to rain, splashes, or immersion in water.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted.	Charge the battery fully.
Cannot transmit or receive.	Radios are on different channels.	Ensure both radios are set to the same channel.
Poor audio quality or static.	Out of range; Obstructions; Low battery.	Move closer to the other radio; Move to an open area; Charge the battery.
VOX not working.	VOX is disabled or sensitivity is too low.	Ensure VOX is enabled (refer to Section 6.4). Speak louder or closer to the microphone.

## 9. SPECIFICATIONS

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- **Model Number:** BF-T26
- **Frequency Range:** 400-470 MHz (FRS)
- **Number of Channels:** 16 FRS Channels
- **Privacy Codes:** 50 CTCSS / 105 CDCSS
- **Output Power:** 2W
- **Battery Type:** 1400mAh Li-ion (included)
- **Voltage:** 3.7 Volts
- **Charging Port:** USB Type-C
- **Item Weight:** Approximately 14.4 ounces (for the package, individual unit is ~3.8 oz)
- **Package Dimensions:** 8.46 x 6.02 x 1.73 inches
- **Talking Range Maximum:** Up to 3 kilometers (in optimal conditions)
- **Water Resistance Level:** Not Water Resistant



Image 9.1: FCC ID and compliance information label on the radio.

## 10. SAFETY INFORMATION

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- Do not operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- Do not modify the radio or its antenna. Unauthorized modifications may void your warranty and violate FCC

regulations.

- Keep the radio away from medical devices, as it may interfere with their operation.
- Use only BAOFENG-approved accessories.
- Do not expose the battery to fire or extreme heat.
- Dispose of batteries and electronic components responsibly according to local regulations.

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## 11. WARRANTY AND SUPPORT

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### 11.1. Warranty

The BAOFENG T26 FRS Two-Way Radio comes with a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

### 11.2. Customer Support

For technical assistance, warranty claims, or further inquiries, please contact BAOFENG customer support through the retailer where the product was purchased or refer to the official BAOFENG website for contact information.

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