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› BAOFENG T22 PMR446 Walkie-Talkie User Manual

BAOFENG T22

BAOFENG T22 PMR446 Walkie-Talkie User Manual

Model: T22

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your BAOFENG T22 PMR446 Walkie-Talkie. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. The BAOFENG T22 is a professional 16-channel two-way radio designed for clear and reliable communication in various environments, such as hotels, restaurants, construction sites, and outdoor activities.



Image: BAOFENG T22 Walkie-Talkies in various professional use scenarios.

PACKAGE CONTENTS

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

- 2 x BAOFENG T22 Walkie-Talkies
- 2 x 1500 mAh Lithium Batteries
- 2 x Belt Clips
- 1 x USB-C Adapter

- 1 x User Manual



Image: Contents of the BAOFENG T22 package, including two radios, batteries, and charging cables.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your BAOFENG T22 Walkie-Talkie.



Image: Front view of the BAOFENG T22 Walkie-Talkie.

1. **Antenna:** For transmitting and receiving signals.
2. **Channel Selector Knob:** Rotate to select one of the 16 available channels.
3. **Power/Volume Knob:** Rotate clockwise to power on and increase volume; counter-clockwise to decrease volume and power off.
4. **PTT (Push-to-Talk) Button:** Press and hold to transmit, release to receive.
5. **Speaker:** Outputs received audio with 1W power for clear sound.
6. **Microphone:** Captures your voice for transmission.
7. **USB-C Charging Port:** For connecting the charging cable.
8. **Accessory Jack:** For connecting optional audio accessories (e.g., earpiece with microphone).
9. **Belt Clip Slot:** For attaching the belt clip.

1. Battery Installation

1. Ensure the walkie-talkie is powered off.
2. Locate the battery compartment cover on the back of the unit.
3. Slide the cover downwards and remove it.
4. Insert the 1500 mAh Lithium Battery into the compartment, ensuring the contacts align correctly.
5. Replace the battery compartment cover and slide it upwards until it clicks into place.

2. Charging the Battery

Before first use, fully charge the battery. The T22 features a modern USB-C charging port for convenience.

1. Connect the provided USB-C charging cable to the USB-C port on the side of the walkie-talkie.
2. Connect the other end of the USB-C cable to the USB-C adapter, a computer, a power bank, or a car charger.
3. The charging indicator light (usually red) will illuminate during charging. It will typically turn green or off when charging is complete.
4. A full charge provides approximately 24 hours of standby time.



Image: USB-C charging options for the BAOFENG T22.

3. Attaching the Belt Clip

1. Align the belt clip with the belt clip slot on the back of the walkie-talkie.
2. Push the clip firmly until it locks into place.
3. To remove, press the release tab on the clip and slide it off.



Image: BAOFENG T22 with belt clip for hands-free carrying.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Adjustment

1. To power on, rotate the **Power/Volume Knob** clockwise until you hear a click.
2. Continue rotating clockwise to increase the volume.
3. Rotate counter-clockwise to decrease the volume.
4. To power off, rotate the **Power/Volume Knob** counter-clockwise until you hear a click and the unit powers down.

EASY TO USE



Image: Basic operation steps: Power On, Select Channel, Press to Talk.

2. Channel Selection

The BAOFENG T22 has 16 PMR446 channels. To communicate with another radio, both devices must be set to the same channel.

1. Rotate the **Channel Selector Knob** to choose your desired channel (1-16).
2. The radio will audibly announce the selected channel number.

3. Transmitting and Receiving (PTT)

1. To transmit, press and hold the **PTT (Push-to-Talk) Button** located on the side of the radio.
2. Speak clearly into the microphone, holding the radio approximately 5-10 cm from your mouth.
3. Release the PTT button to stop transmitting and return to receive mode.
4. When receiving a transmission, the signal indicator light will illuminate, and audio will be heard through the speaker.

4. VOX (Voice Operated Exchange) Function

The VOX function allows for hands-free operation, automatically transmitting when it detects your voice.

- Refer to the full user manual (included in the box) for detailed instructions on enabling and adjusting VOX sensitivity.
- When VOX is active, the radio will automatically transmit when you speak and stop when you pause.



VOX VOICE CONTROL

Image: Demonstrating VOX voice control for hands-free communication.

MAINTENANCE

1. Cleaning

- Wipe the radio's surface with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port and accessory jack are free from dust and debris.

2. Battery Care

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the radio and battery in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures or direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery discharged or improperly installed.	Charge the battery. Ensure the battery is correctly installed.
Cannot transmit or receive	Incorrect channel, out of range, or PTT button not pressed.	Verify both radios are on the same channel. Move closer to the other radio. Press and hold PTT firmly.
Poor audio quality / Static	Weak signal, interference, or low battery.	Move to an open area. Change channels to avoid interference. Charge the battery.
VOX not working	VOX disabled or sensitivity too low.	Enable VOX and adjust sensitivity as per the full user manual.

SPECIFICATIONS

Brand	BAOFENG
Model Number	T22
Color	Black
Number of Channels	16
Frequency Range	PMR446
Maximum Range	5 Kilometers (under optimal conditions)
Battery Capacity	1500 mAh Lithium-ion
Average Battery Life	24 hours (standby)
Voltage	3.7 Volts
Speaker Power	1 Watt
Item Weight	Approximately 3.5 Ounces (100g)
Water Resistance Level	Not waterproof
Compatible Devices	Hands-free devices, earphones, other PMR446 frequency band devices

WARRANTY AND SUPPORT

Your BAOFENG T22 Walkie-Talkie comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or further assistance, please contact your retailer or visit the official BAOFENG website. Please retain your proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question