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BAOFENG GT-3TP Mark-III+Speaker

BaoFeng Pofung GT-3TP Mark-III Two-Way Radio User Manual

Model: GT-3TP Mark-III+Speaker

1. Introduction

The BaoFeng Pofung GT-3TP Mark-III is an advanced tri-power (8W/4W/1W) two-way radio designed for reliable communication across various environments. This upgraded version features a 23CM high-gain antenna for extended range, improved internal components for enhanced performance, and a robust design for durability. This manual provides essential information for setting up, operating, and maintaining your GT-3TP Mark-III radio.



The GT-3TP Mark-III is designed for versatile use, offering clear communication in various settings.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x GT-3TP Mark III Two-Way Radio
- 1x 7.4V 1800mAh Li-ion Battery
- 1x 23CM Antenna
- 1x Car Charger
- 1x Belt Clip
- 1x User Manual (this document)

- 1x AC Adapter
- 1x Desktop Charger
- 1x Headset
- 1x Speaker Mic



Contents of the GT-3TP Mark-III package, including the radio, battery, antenna, and various accessories.

3. Product Overview

Familiarize yourself with the main components and controls of your GT-3TP Mark-III radio.



The GT-3TP Mark-III radio shown with its speaker microphone and car charger.



Detailed diagram illustrating the various parts and controls of the GT-3TP Mark-III radio.

4. Setup

4.1 Battery Installation

To install the 7.4V 1800mAh Li-ion Battery, align the battery with the grooves on the back of the radio and slide it upwards until it clicks into place. Ensure it is securely fastened.



The 1800mAh Li-ion battery, essential for powering the radio.

4.2 Antenna Attachment

Screw the 23CM High Gain Antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.



The 23CM high-gain antenna provides a longer and clearer talking range compared to standard antennas.

4.3 Charging the Battery

Place the radio with the installed battery into the Desktop Charger. Connect the AC Adapter to the desktop charger and a power outlet. The indicator light on the charger will show the charging status. A Car Charger is also included for convenient charging on the go.



The included car charger allows for convenient power replenishment while traveling.



The speaker microphone provides hands-free communication and is included with the radio.

5. Operating Instructions

5.1 Power On/Off and Volume

Rotate the top knob clockwise to power on the radio and adjust the volume. Rotate counter-clockwise to decrease volume and power off.

5.2 Channel/Frequency Selection

Use the VFO/MR button to switch between Frequency Mode (VFO) and Channel Mode (MR). In Frequency Mode, enter frequencies directly using the keypad. In Channel Mode, use the UP/DOWN arrow keys to navigate through programmed channels.

5.3 Push-to-Talk (PTT) Button

Press and hold the PTT button on the side of the radio to transmit. Release the button to receive.

5.4 Programmable LCD Display

The radio features a programmable three-color LCD display, allowing for customization of the backlight color for different operating conditions or personal preference.

5.5 FM Radio Reception

The GT-3TP Mark-III can receive commercial FM radio broadcasts within the 65-108 MHz frequency range. Refer to the full user manual for specific instructions on activating and tuning the FM radio function.

6. Advanced Features

6.1 Tri-Power Settings

The GT-3TP Mark-III offers three selectable power levels: High (8W), Medium (4W), and Low (1W). This allows users to optimize battery life and transmission range based on their communication needs. Consult the radio's menu for power level selection.

6.2 CTCSS and DCS Tones

The radio supports 50 CTCSS (Continuous Tone-Coded Squelch System) and 104 DCS (Digital-Coded Squelch) tones. These tones help filter out unwanted signals and allow for private group communication on shared frequencies.

6.3 VOX Function (Voice Operated Transmission)

The VOX function enables voice-activated transmission, allowing for hands-free operation when using a compatible headset. The radio will automatically transmit when it detects your voice.

6.4 OFFSET (Frequency Offset for Repeater Access)

The OFFSET function is used to set the frequency difference between the transmit and receive frequencies when communicating through a repeater. This is crucial for extending communication range.

6.5 Programming

The GT-3TP Mark-III can be programmed via computer using compatible software such as CHIRP. This allows for easy management of channels, frequencies, and other advanced settings. A programming cable (not included in all packages) is required for this process. Software download links may be available from the manufacturer's website.

7. Maintenance

7.1 General Care

Keep the radio clean and free from dust and moisture. Use a soft, damp cloth for cleaning. Avoid using harsh chemicals or abrasive cleaners. The radio is designed with dustproof, waterproof, and drop resistance capabilities, but it is not fully submersible.

7.2 Battery Care

To maximize battery life, avoid fully discharging the battery regularly. Charge the battery using only the provided charger and adapter. Store the battery in a cool, dry place when not in use for extended periods.

8. Troubleshooting

If you encounter issues with your GT-3TP Mark-III, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; improperly installed battery	Charge the battery; ensure battery is correctly installed.
Poor reception or transmission	Antenna not properly attached; out of range; interference	Check antenna connection; move closer to other radios/repeater; check for local interference.
Speaker mic not working	Loose connection; faulty mic	Ensure speaker mic is fully plugged into the accessory jack.
Cannot communicate with other radios	Incorrect frequency/channel; CTCSS/DCS mismatch; power level too low	Verify all radios are on the same frequency/channel and have matching CTCSS/DCS settings. Increase power level if necessary.

9. Specifications

Feature	Specification
Product Dimensions	4.5 x 1.4 x 2.3 inches
Item Weight	1 pounds
Model Number	GT-3TP Mark-III+Speaker
Battery Type	1 Lithium Ion battery (included)
Frequency Range	65-108 MHz (FM radio), VHF: 136-174 MHz (Rx/TX), UHF: 400-520 MHz (Rx/TX)
Number of Channels	128
Talking Range Maximum	11 Kilometers
Power Output	8W/4W/1W (Tri-Power)
Water Resistance Level	Waterproof (design)

10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact BAOFENG customer service directly. Contact details can typically be found on the manufacturer's official website or on the product packaging.

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