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› Pofung PT88E PMR446 License-Free Walkie Talkie User Manual

Pofung PT88E

Pofung PT88E PMR446 License-Free Walkie Talkie User Manual

Model: **PT88E** | Brand: **Pofung**

1. INTRODUCTION

Thank you for choosing the Pofung PT88E PMR446 License-Free Walkie Talkie. This device is designed for reliable and clear two-way communication, suitable for various applications from outdoor activities to professional use. This manual provides essential information for the safe and efficient operation of your walkie talkie. Please read it thoroughly before use and retain it for future reference.

The Pofung PT88E operates on the PMR446 frequency band, which is license-free in many European countries, allowing for immediate use without complex licensing procedures. It features 16 channels, a built-in LED flashlight, VOX hands-free function, and a long-lasting 1500mAh battery with convenient Type-C charging.

2. PACKAGE CONTENTS

Upon unpacking, please ensure all items are present and in good condition. The standard package includes:

- Pofung PT88E Walkie Talkie Unit(s)
- 1500mAh Li-ion Battery Pack(s)
- Charging Base(s)
- USB Type-C Charging Cable(s)
- Belt Clip(s)
- Earpiece(s)
- Lanyard(s)
- User Manual



Figure 2.1: Included components with the Pofung PT88E Walkie Talkie set.

3. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your Pofung PT88E walkie talkie.



Figure 3.1: Pofung PT88E Walkie Talkie Components.

1. **Antenna:** For transmitting and receiving signals.
2. **Encoder:** Channel selector knob.
3. **Power/Volume Knob:** Turn clockwise to power on and increase volume; turn counter-clockwise to decrease volume and power off.
4. **Flashlight:** Built-in LED light.
5. **LED Indicator:** Red for transmitting, Green for receiving.
6. **External Speaker/Microphone Jack:** For connecting earpieces or external microphones.
7. **Speaker:** Audio output.
8. **Built-in Microphone:** Audio input.
9. **PTT (Push-to-Talk) Button:** Press and hold to transmit, release to receive.
10. **Side Key 1:** Programmable function (e.g., Flashlight activation).
11. **Side Key 2:** Programmable function.

4. SETUP

4.1 Battery Installation

To install the battery:

1. Align the battery pack with the grooves on the back of the walkie talkie.
2. Slide the battery pack upwards until it clicks into place.
3. To remove, press the release latch (if present) and slide the battery downwards.



Figure 4.1: Battery installation on the Pofung PT88E.

4.2 Charging the Battery

The Pofung PT88E features a 1500mAh Li-ion battery and offers two charging methods:

- **Using the Charging Base:** Place the walkie talkie (with battery installed) into the charging base. Ensure the contacts align. The LED on the base will indicate charging status.
- **Direct Type-C Charging:** Connect a USB Type-C cable directly to the port on the battery pack. This allows for convenient charging without the base.

A full charge typically takes several hours. The battery provides approximately 24-36 hours of standby time and over 12 hours of working time.

Carga Type- C

Método de carga conveniente Type-C



Figure 4.2: Type-C charging port on the battery.

Batería de larga duración



Figure 4.3: Battery duration overview.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Volume Control

To power on the walkie talkie, rotate the Power/Volume knob clockwise. You will hear a voice prompt indicating the device is on and the current channel. Continue rotating clockwise to increase the volume. To power off, rotate the knob counter-clockwise until it clicks.

5.2 Channel Selection

The Pofung PT88E has 16 pre-programmed PMR446 channels. To select a channel, rotate the Encoder knob. A voice prompt will announce the selected channel number (in English).

5.3 Transmitting and Receiving

- **To Transmit:** Press and hold the PTT (Push-to-Talk) button on the side of the walkie talkie. Speak clearly into the microphone. The LED indicator will glow red. Release the PTT button when you finish speaking.
- **To Receive:** Ensure the PTT button is not pressed. The LED indicator will glow green when a signal is being received on your selected channel.

5.4 VOX Function (Hands-Free Communication)

The VOX (Voice Operated Exchange) function allows for hands-free transmission. When VOX is enabled, the walkie talkie will automatically transmit when it detects your voice, without needing to press the PTT button. This function is particularly useful when combined with an earpiece.

VOX Función

Manos libres conversación fácil

Úselo con auriculares para obtener mejores resultados

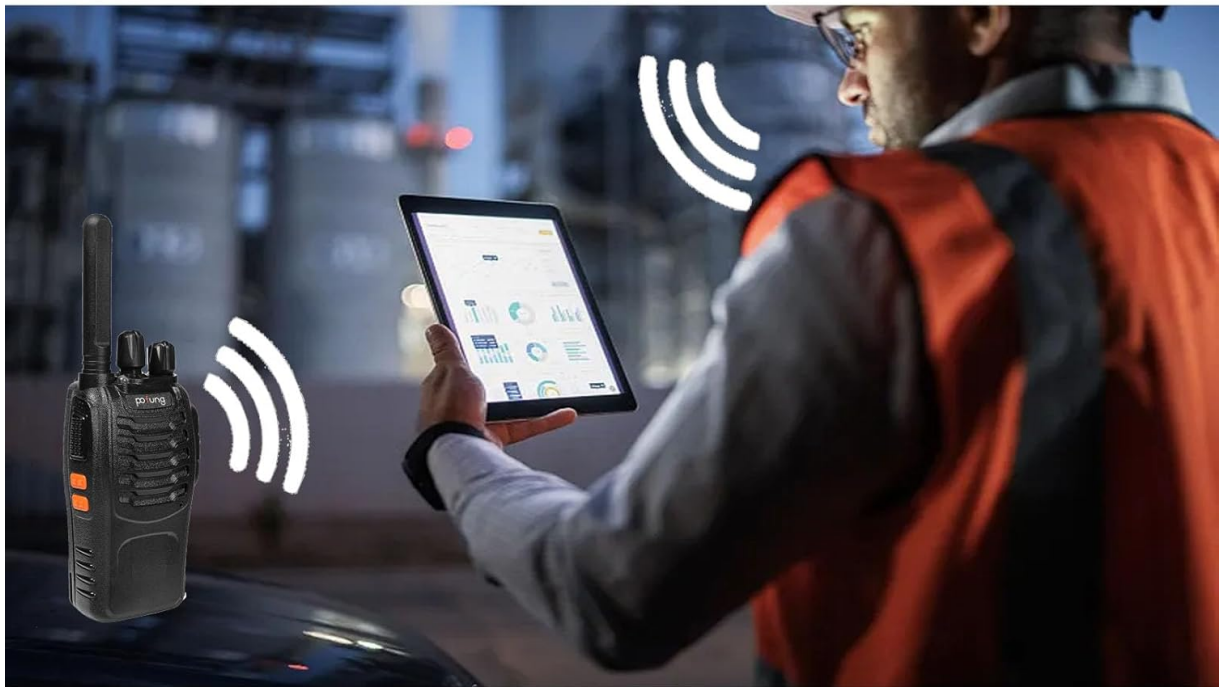


Figure 5.1: VOX function for hands-free use.

5.5 LED Flashlight

The Pofung PT88E includes a built-in LED flashlight located at the top of the unit. This can be activated via one of the programmable side keys (Side Key 1 or Side Key 2), providing illumination in low-light conditions.

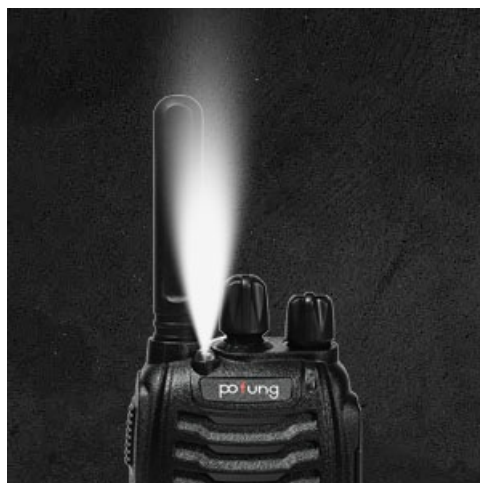


Figure 5.2: LED Flashlight feature.

6. FREQUENCY CHART

The Pofung PT88E operates on the following PMR446 frequencies:

Ch.	Freq. (MHz)	Ch.	Freq. (MHz)	Ch.	Freq. (MHz)	Ch.	Freq. (MHz)
1	446.00625	5	446.05625	9	446.10625	13	446.15625
2	446.01875	6	446.06875	10	446.11875	14	446.16875
3	446.03125	7	446.08125	11	446.13125	15	446.18125
4	446.04375	8	446.09375	12	446.14375	16	446.19375

Frequency Chart

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3	446.03125	7	446.08125	11	446.13125	15	446.18125
4	446.04375	8	446.09375	12	446.14375	16	446.19375



Figure 6.1: Pofung PT88E Frequency Chart and dimensions.

7. MAINTENANCE

7.1 Cleaning

Clean the walkie talkie surfaces with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is dry before use.

7.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the battery in a cool, dry place when not in use.
- Do not expose the battery to extreme temperatures.
- If the battery is not used for an extended period, charge it periodically to maintain its lifespan.

8. TROUBLESHOOTING

- **No Power:** Ensure the battery is correctly installed and charged. Rotate the Power/Volume knob clockwise to turn on.
- **Cannot Transmit or Receive:** Verify that both walkie talkies are on the same channel. Check battery level. Ensure PTT button is pressed when transmitting.
- **Poor Audio Quality:** Check volume level. Ensure the antenna is securely attached. Move to an area with fewer obstructions.
- **Limited Range:** Range is affected by terrain, buildings, and other obstructions. For optimal range, use in open areas.

9. SPECIFICATIONS

Feature	Specification
Model	PT88E
Frequency Range	PMR446 (446.0MHz-446.1MHz)
Number of Channels	16
Battery Capacity	1500mAh Li-ion
Operating Voltage	3.7V
Max Talk Range	Up to 3 km (open field)
Special Features	VOX Function, Built-in LED Flashlight
Charging Method	Charging Base, USB Type-C
Water Resistance Level	Water Repellent
Dimensions (Package)	24 x 18 x 12 cm
Weight (Package)	1.2 kg

10. USAGE SCENARIOS

The Pofung PT88E walkie talkie is suitable for a variety of applications:

- **Hiking and Outdoor Adventures:** Maintain communication in remote areas.
- **Remote Communication:** Coordinate activities over distances.
- **Factory and Construction Sites:** Facilitate team communication in noisy environments.
- **Home Use:** Ideal for family communication, especially with children or across different parts of a property.

USAGE SCENARIO



Excursionismo



Comando remoto



Fábrica



Uso doméstico

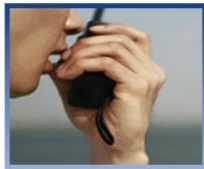
Figure 10.1: Diverse usage scenarios for the Pofung PT88E.



Escenarios de uso Multifuncionales



Excursionismo



Comando remoto



Fábrica



Uso doméstico

Figure 10.2: Multifunctional usage scenarios.

11. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

