BAOFENG BF-888S

User Manual: BaoFeng BF-888S Two Way Radio

Model: BF-888S | Brand: BAOFENG

Product Overview

The BaoFeng BF-888S is a UHF (Ultra High Frequency) two-way radio designed for reliable communication in various environments. It features a built-in LED flashlight, VOX function, voice prompt, PC programming capability, emergency alarm, battery save mode, low voltage alert, and a time-out timer. This model is FCC certified (FCC ID: ZP5BF-888S). It is suitable for both indoor and outdoor group communication, offering a range of up to 3 miles (5 km) depending on terrain and conditions. The robust design and essential features make it ideal for hotels, villas, restaurants, ships, hiking, construction sites, warehouses, security teams, car driving, schools, and supermarkets.



Image: Four BaoFeng BF-888S radios with their charging docks and a USB programming cable, illustrating the complete package.

Package Contents

Each package of the BaoFeng BF-888S Two Way Radio typically includes the following items:

- 4 x Portable radio (BF-888S)
- 4 x Antenna
- 4 x Earpiece
- 4 x Li-ion battery pack (1500mAh)
- 4 x US Charger
- 4 x Belt clip
- 4 x The sling

- 4 x User's manual
- 1 x USB programming cable



Image: A visual representation of all components included in the product package, laid out for clear identification.

Setup Guide

1. Battery Installation

To install the Li-ion battery pack, align the battery with the back of the radio and slide it upwards until it clicks into place. Ensure it is securely fastened to prevent accidental detachment during use.



Image: Step-by-step visual guide for correctly attaching the battery to the radio unit.

2. Antenna Attachment

Screw the antenna clockwise into the connector on the top of the radio until it is finger-tight. Do not overtighten.



Image: Detail of the radio's antenna port and the antenna, demonstrating how they connect.

3. Charging the Battery

Place the radio with the installed battery into the provided charging cradle. Ensure the charging contacts align. The indicator light on the charger will show the charging status. A full charge for the 1500mAh battery typically takes 3-4 hours. It is recommended to fully charge the battery before first use.

Operating Instructions

1. Power On/Off and Volume Control

To power on the radio, rotate the top-left knob clockwise until you hear a click and a voice prompt. Continue rotating to adjust the volume. To power off, rotate the knob counter-clockwise until it clicks.

2. Channel Selection

The BF-888S has 16 channels. Rotate the top-right knob to select the desired channel. The radio will announce the channel number. Ensure all radios in your group are set to the same channel for communication.

Channel No.	RX Frequency	TX Frequency	QT/DQT Dec	QT/DQT Enc	TX Power
1	462.12500	462.12500	69.3	69.3	High
2	462.22500	462.22500	None	None	High
3	462.32500	462.32500	None	None	High
4	462.42500	462.42500	103.5	103.5	High
5	462.52500	462.52500	114.8	114.8	High
6	462.62500	462.62500	127.3	127.3	High
7	462.72500	462.72500	136.5	136.5	High
8	462.82500	462.82500	162.2	162.2	High
9	462.92500	462.92500	D025N	D025N	High
10	463.02500	463.02500	D051N	D051N	High
11	463.12500	463.12500	D125N	D125N	High
12	463.22500	463.22500	D155I	D155I	High
13	463.52500	463.52500	D465I	D465I	High
14	450.22500	450.22500	D023N	D023N	High
15	460.32500	460.32500	None	None	High
16	469.95000	469.95000	203.5	203.5	High

Image: A detailed table outlining the default frequencies and settings for each of the 16 available channels.

3. Transmitting and Receiving

To transmit, press and hold the Push-to-Talk (PTT) button on the side of the radio. Speak clearly into the microphone. Release the PTT button to receive. The radio will automatically receive signals when not transmitting.

4. VOX Function

The Voice Operated Exchange (VOX) function allows for hands-free transmission. When VOX is enabled, the radio will automatically transmit when it detects your voice. Refer to the full user manual for instructions on enabling and adjusting VOX sensitivity via PC programming.

5. Built-in LED Flashlight

The radio includes a built-in LED flashlight for convenience in low-light conditions. Typically, this is activated by a dedicated button on the side of the radio or a combination of button presses.

6. Earpiece Use

Connect the included earpiece to the audio jack on the side of the radio. The earpiece often includes an inline PTT button for discreet communication.



Image: The earpiece accessory, which can be connected to the radio for private listening and hands-free operation.

Maintenance

1. Battery Care

- Always use the original charger provided.
- Do not overcharge or deep discharge the battery.
- Store batteries in a cool, dry place when not in use.
- If the radio will not be used for an extended period, remove the battery.
- Dispose of old batteries responsibly according to local regulations.

2. Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the charging contacts are clean and free of debris.

Troubleshooting

Problem	Possible Cause	Solution
No power	Battery low or not installed correctly.	Charge battery or re-install securely.
Cannot transmit or receive	Incorrect channel, out of range, or antenna loose.	Verify channel, move closer, check antenna connection.
Poor audio quality	Low battery, interference, or radio too far apart.	Charge battery, move away from interference, reduce distance.

Problem	Possible Cause	Solution
Voice prompt not working	Voice prompt feature may be disabled.	Enable voice prompt via PC programming (if applicable).

For more detailed troubleshooting or technical support, please refer to the comprehensive user manual included in your package or contact BAOFENG customer service.

Technical Specifications

Model: BF-888S

Antenna Impedance: 50ohm Rated

Rated Voltage: 3.7V DC Output

Battery Type: Li-ion battery

Battery Capacity: 1500mAh

Dimension (LxWxH): 60x 33x 115mm (Not Antenna)

Weight: 180g

Transmit Power: 2 Watt (Up to 3 miles range)

Operating Voltage: 3.7 V

Channels: 16

CTCSS/CDCSS: 50 CTCSS/105 CDCSS

FCC ID: ZP5BF-888S

Typical Use Battery Life: 1-2 days

Continuous Use Battery Life: 8-12 hours

Charging Time: 4-5 hours

Signal Range (Open Fields): 2-3 miles

Signal Range (City & Town): 1-2 miles

Signal Range (Inside Buildings): 1-40 floors (Except basement)

Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the official BAOFENG website or contact their customer service directly. Details can typically be found in the full user manual provided with your product or on the manufacturer's official support pages.

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