

CoCoBug F2S MINI TRANSCEIVER

Walkie Talkie

User Manual



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THANK YOU!

Thanks for your favor in our products, this manual is helpful for you to quickly know how to use, we believe this easy-to-use network trunking radio will provide dependable and reliable communication to your operating at peak efficiency.

Please refer to the corresponding feature book for detailed features and operations.

Charging the Battery

1. Using the Battery

The battery pack is not charged at the factory, please charge it before use. To extend the battery pack lifetime, please not in use and do not leave the battery in hot or cold place.

2. Battery Characteristics

The battery will slowly wear out even not in use. After charging and recharging, it's normal that the talk and standby times are noticeably shorter than normal times. If leaving the battery in very hot place or conditions, it will reduce the capacity and lifetime of the battery. Overcharging may also shorten its lifetime.

3. Charging the Battery

Please charge your battery only with our approved charger. Initially charging the battery pack after purchase or extended storage (greater than 2 months) will not bring the battery pack to its normal operating capacity. After repeating the charge/discharge cycle two or three times, the operating capacity will increase to normal level.

Please charge the battery pack as follows:

- Insert the adapter and make sure the contacts are in contact with the socket.
- Insert the Type-C plug into the Type-C charging jack on radio battery.
- The charging LED lights red and charging begins.
- After charging when the light turns to green, it means the battery pack is fully charged. Then you can take off radio and use it

Caution

- Make sure the radio is powered off before charging and do not use the radio during charging.
- Read the safety information booklet in advance to get necessary safety information.

1. Safety Warnings

⚠	IMPORTANT SAFETY WARNING
1	Comply with all local laws and regulations when using this device. Improper use is illegal and may result in penalties.
2	Do NOT use the walkie-talkie in flammable or explosive environments. Radio frequency signals can ignite flammable materials causing fires or explosions.
3	Operate within a temperature range of -20°C – 55°C. Do not charge the device in extremely hot environments.
4	Do NOT place the walkie-talkie in direct sunlight or near heat sources.
5	Do NOT use the device in dark, wet, or enclosed spaces. Turn off the walkie-talkie immediately if entering such areas.
6	If the device emits abnormal odors, leaks liquid, or produces smoke, turn it off immediately and contact your authorized dealer.
7	When storing the device for extended periods, ensure the battery is fully charged before storage. Keep in a cool, dry location.

2. Package Contents

Before first use, please verify all items below are included. If anything is missing, contact your authorized dealer immediately.

No.	Item	No.	Item
1	Walkie-Talkie Unit × 1	2	Earphone × 1
3	Charger × 1	4	Type-C Charging Cable × 1
5	Warranty Card × 1	6	Back clip × 1
7			

3. Usage Precautions

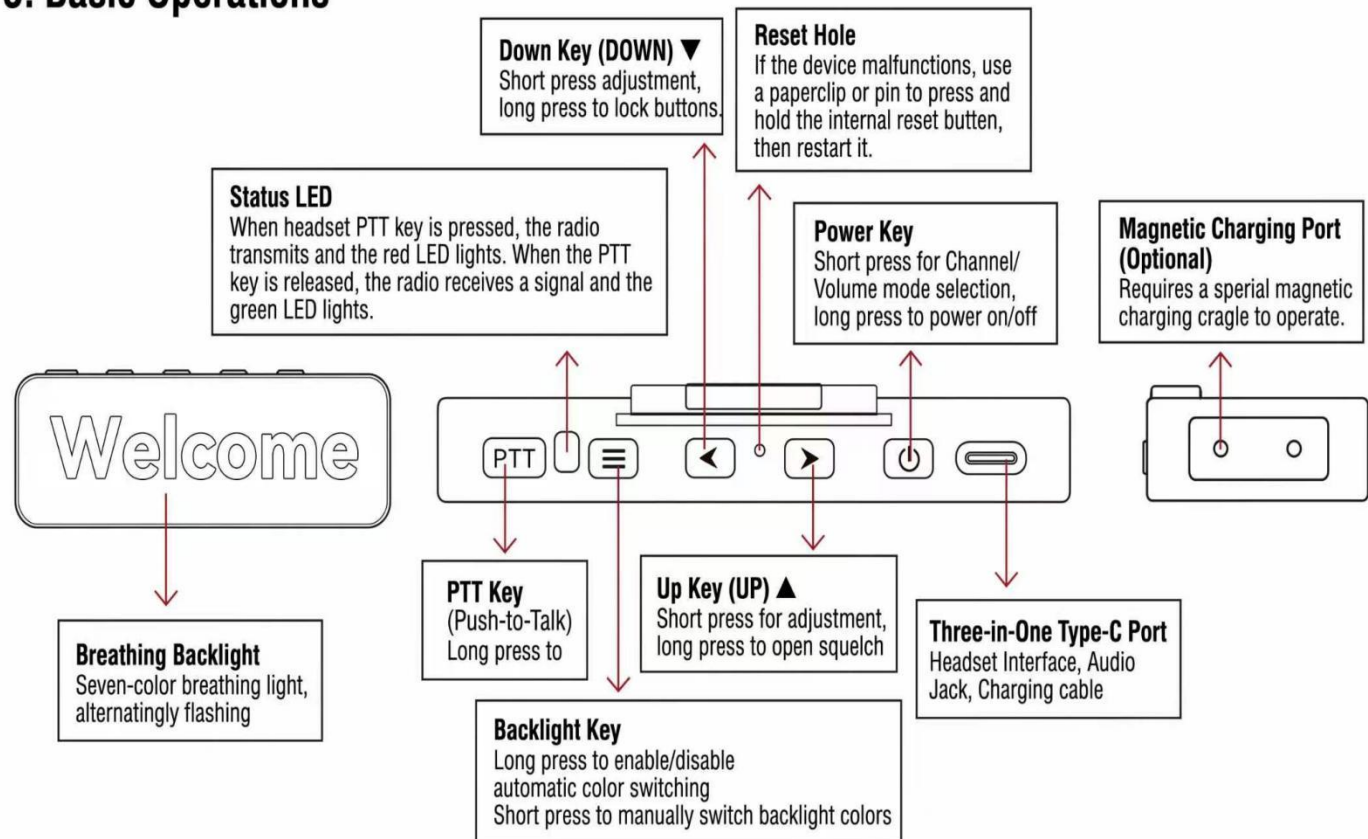
#	Precaution
1	Do NOT bring the walkie-talkie into flammable or explosive environments. Radio frequency currents can cause fires and explosions.
2	For use in high-risk explosive environments (e.g., coal mines with methane gas), purchase explosion-proof certified products from specialized dealers. Keep the device away from all flammable gases.
3	If the charger emits smoke, immediately switch off the power supply and unplug it to prevent electrical short circuits or fire hazards.
4	Use only the dedicated charger provided for this model. Using chargers designed for other walkie-talkie models may result in damage or create serious safety hazards.

4. Battery Management

Action	Description
First-Time Charging	Connect the charger to the walkie-talkie via the Type-C port. The indicator light will illuminate, signaling that charging has begun.
Normal Charging	Insert the Type-C charging cable into the walkie-talkie. The indicator light will flash to confirm charging is in progress.
Full Charge Indication	The indicator light will remain solid (stop flashing) when charging is complete.
Low Battery Alert	When battery level drops to approximately 10%, a beep tone will sound, and the screen displays 'Please Change'. The indicator light turns RED.
Storage Recommendation	Always charge to 100% before long-term storage. Store in a cool, dry environment.

5. Button & Interface Guide

5. Basic Operations



Button / Port	Action	Function
Power Button	Long Press	Power ON — Screen displays startup animation and plays startup tone
Power Button	Long Press (when ON)	Power OFF — Countdown shutdown sound plays
Power Button	Short Press	Switch to next channel / frequency
Up Key [▲]	Short Press (Channel Mode)	Switch to next channel
Up Key [▲]	Short Press (Frequency Mode)	Increase frequency
Up Key [▲]	Long Press	Toggle flashlight ON/OFF
Down Key [▼]	Short Press (Channel Mode)	Switch to previous channel
Down Key [▼]	Short Press (Frequency Mode)	Decrease frequency
Down Key [▼]	Long Press	Static mute / Manual ON-OFF toggle
PTT Button	Press & Hold	Activate transmitter — LED indicator turns RED; speak into mic
PTT Button	Release	Return to receive mode — LED turns GREEN when valid signal is received
[▼] + [▲] Hold	Simultaneous Long Press	Enter one-key scan/decode mode
Type-C Port	Connect Cable	Charging input
Earphone Jack	Insert Earphone	Private listening and VOX capability

STEP 01

Long press and hold the powerbutton to turn on the device
Short press for Channel/Volume

STEP 02

Press the PTT (Push-to-Talk)button to communicate

6. Basic Operations

Operation	Steps / Details
Power ON	Long press the button. The screen displays the startup animation and plays a startup tone. The walkie-talkie is ready to use.
Power OFF	Long press the button while the device is on. A countdown tone will play, and the device will shut down.
Transmitting (PTT)	Press and hold the PTT button on the side. The LED indicator turns RED. Speak clearly into the microphone. Release PTT to return to receive mode.
Receiving	When a valid signal is received, the LED turns GREEN and audio is heard through the speaker. No action needed.
Flashlight	Long press [▲] to toggle the flashlight ON. Long press [▲] again to turn it OFF.

Key Lock	Long press [▼] to lock all keys. While locked, all button inputs are ignored. Long press [▲] to unlock.
Channel Selection	Short press [▲] or [▼] to cycle through available channels. The current channel number is shown on screen.
Volume Adjustment	Volume is adjustable through the programming software under 'Volume Settings'. Use the software to increase or decrease volume levels.
Squelch Level	Adjust via programming software under 'Squelch Level'. Increase squelch in areas with strong signals; decrease it in areas with weak signals.
Scan Function	Enable or disable channel scanning per channel via the programming software. Scanning automatically finds active channels to avoid interference.
TOT (Time-Out Timer)	TOT limits continuous transmission time. Default: 600 seconds. When the timer expires, a warning tone sounds and transmission stops. Press PTT again to restart.
One-Key Decode	Simultaneously long press [▲] + [▼] to enter decode mode. The 2 indicator lights will flash and a beep will sound. Press [1] to exit.

7. CTCSS / DCS Tone (QT / DQT) System

The QT/DQT tone system allows you to filter out unwanted communications on a shared channel. Configure tones via the programming software.

Feature	Detail
CTCSS (Analog Tones)	50 sub-audible tones ranging from 60.0 Hz to 260.0 Hz
DCS (Digital Codes)	105 digital codes, values from 000–077 (octal format)
Purpose	Prevents interference from other walkie-talkies on the same frequency. The radio will only open the squelch when the matching tone is received.
Configuration	Set QT/DQT tones via the programming software 'QT/DQT Settings' menu. Both transmit and receive tones can be configured independently.
Note	QT/DQT tones reduce interference but do not guarantee complete privacy. Other radios with the same tone code will still be heard.

8. Indicator Light Status Guide

Indicator State	Color	Meaning
Solid ON	RED	Currently transmitting
Solid ON	GREEN	Receiving a valid signal
Flashing	RED / GREEN	Charging in progress
Solid ON	Any	Charging complete
Rapid Flash	RED	Low battery warning
OFF	—	Standby / powered off

9. Technical Specifications

Parameter	Specification
Frequency Range (UHF)	400 – 470 MHz
Modulation Type	11KΦF3E (FM)
Power Supply Voltage	3.7V DC (Lithium Battery)
Transmit Power	0.6W
Receive Sensitivity	0.2 μV
Operating Current (RX Standby)	115 mA
Communication Range	2 – 6 km (open field)
Frequency Stability	±2.5 ppm
Spurious Emission	< 65 KHz / -62.5 KHz
Audio Output	500 mW
Charging Current	500 mA (0.7A max)
Charging Interface	Type-C USB
CTCSS Tones	50 tones (60.0 – 260.0 Hz)
DCS Codes	105 digital codes (000 – 077 octal)
Operating Temperature	-20°C – 55°C
Product Dimensions	85(L) * 30 mm (W) * 12 mm (H)(not including Belt Clip)

10 Warranty & After-Sales Service

1. 12-Month Worry-Free Warranty

- We have full confidence in the quality of the CoCoBug. Every device comes with a 1-year comprehensive manufacturer warranty. Should any hardware failure occur under normal usage, we will provide professional repair or replacement services to ensure your communication remains uninterrupted.

2. 30-Day Money-Back Guarantee

Your satisfaction is our top priority. If you are not completely satisfied with your purchase, you may return the product within 30 days of receipt for a full refund. We want you to shop with absolute peace of mind.

3. Lifetime Technical Support

Our relationship with you doesn't end at the point of sale. Whether you need assistance expanding your team groups, upgrading to a Global Plan, or troubleshooting connectivity issues, our expert technical team is available 24/7 via email or live chat to support you.

Email: 19523634279@163.com

parkerperter80@gmail.com

Phone: +86 15880335390

Business Hours: Monday – Friday

SERVICE & SUPPORT



CONTACT US

10. Warning

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environmental exposure limits, always adhere to the following procedures.

Guidelines:

- Do not remove the RF Exposure Label from the device.
- User awareness instructions should accompany device when transferred to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions:

- Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), press the Push-to-Talk(PTT) key. To receive calls, release the PTT key. Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy only when transmitting (in terms of measuring for standards compliance).
- When worn on the body, always place the radio in an approved holder, holster, case, or body harness or by use of the correct clip for this product. Use of non approved accessories may result in exposure levels which exceed the FCC's occupational/controlled environmental RF exposure limits.
- Use of non approved antennas, batteries, and accessories causes the radio to exceed the FCC RF exposure guidelines.
- Contact your local dealer for the product's optional accessories.

FCC Regulations

Federal Communication Commission (FCC) requires that all radio communication products should meet the requirements set forth in the above standards before they can be marketed in the U.S, and the manufacturer shall post a RF label on the product to inform users of operational instructions, so as to enhance their occupational health against exposure to RF energy.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a different circuit to that of the receiver's outlet.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Intended Use

Our products are designed to provide reliable wireless communication services for users across many industry sectors. In order to use the products safely and to achieve the best performance, they must be used as intended. The operator of the product is responsible for damage to the product or damage caused by the product if the product was used beyond the intended use instructions.

Intended use includes that:

- The product is used by users who have full knowledge of its RF exposure and can exercise control over their RF exposure to meet the occupational limits in FCC/ICNIRP and international standards.
- All the security instructions set forth in this document are always heeded.
- The general, national and in-house safety regulations are heeded.
- The product is exclusively used with the frequencies licensed by the respective authority.
- The product is configured appropriately by the dealer.

Besides, intended use also requires the product operator to be well-trained and to be familiar with the applicable standards, regulations and provisions.