



CP922

POC Transceiver
USER MANUAL



1. GENERAL INFORMATION

1.1 【Introduction】

The 4G public network walkie-talkie allows global voice connectivity and communication with clear audio quality and no constraints of distance.

1.2 【Key Features】

- ◇ Linux operation system
- ◇ LTE network
- ◇ IP67 waterproof
- ◇ AI intelligent noise reduction

1.3 【Accessories】

- ◇ Li-ion battery
- ◇ Belt clip
- ◇ User manual

1.4 【Optional】

- ◇ External speaker/microphone
- ◇ CS68-922 Charging Stand with Adaptor
- ◇ CS88-922 Rapid Charger (4 Slots)

2. CONTROLS AND INDICATORS



3. INSTALLING ACCESSORIES

3.1 Installing the Battery Pack

Align the battery pack with the slot of the walkie talkie and push the battery upwards until you hear a "click" sound.

3.2 Removing the Battery Pack

Power off the transceiver firstly, then press the battery latch up and slide it down to remove the battery pack.

3.3 Installing the SIM card

First remove the two screws of the SIM card cover with a screwdriver, remove the SIM card cover and the seal ring, and install the SIM card, then place the seal ring and the SIM card cover, then lock the screws.

3.4 Installing the Belt Clip

Fix the transceiver and screw the belt clip from the back of transceiver, turning it clockwise until secure.

3.5 Removing the Belt Clip

Counter clockwise the screw from the back of transceiver, until remove.

3.6 Installing external Earphone

Use a screwdriver to screw up the headphone connector cover, open the Headphone connector cover and sealing ring, then plug the headphone/microphone into the headphone/microphone jack.

3.7 Removing external Earphone

Unplug the headphone/microphone, fix the headphone connector cover and Sealing ring, and then screw the headphone connector cover with a screwdriver.

Note : If the SIM card cover, headphone interface cover and their sealing rings are not fixed properly, the walkie talkie may leak from these areas !

4. CHARGING THE BATTERY

4.1 Charging

- 1) Plug the power adapter into an electric socket.
- 2) Connect the USB charging cable between the power adapter and the USB jack at the bottom of the battery pack.
- 3) Ensure the connection of each end is connected securely.

Or

- 1) Plug the AC adaptor into a standard electrical outlet
- 2) Insert the Walkie Talkie into the charging tray for charging

The charging light will turn RED and it will turn GREEN when fully charged (approximately 5 hours).



5. BASIC OPERATION

5.1 Powering On/Off

Power on: Turn the **【Power/Volume knob】** clockwise until you hear a "click" sound, which means that the PoC radio is powered on.

Power off: Turn the **【Power/Volume knob】** counterclockwise until you hear a "click" sound, which means that the PoC radio is powered off.

Note : If the SIM card have no been inserted or no registered, the radio will

Reminder "please insert the card".

5.2 Adjusting Volume

In standby mode, turn the **【Power/Volume knob】** clockwise to increase the volume; Turn the **【Power/Volume knob】** counterclockwise to decrease the volume.

5.3 Enter Transmitting Status

Press and hold the **【PTT key】**, and the red indicator light will be on. When speaking into the microphone, please keep the distance between the microphone and the mouth about 3-5 cm, and speak in a normal tone, so that the receiver can obtain the best voice quality.

5.4 Enter Receiving Status

When receiving, please release the **【PTT key】** to enter the receiving status. When the channel you are using is called, you can receive the voice.

5.5 Low Power Prompt

When the battery voltage is too low, voice broadcast "low power", when the power is too low, the radio will automatically shut down to protect the module.

5.6 Shortcut key operation

Short press **【Side key1】** : group selection

Short press **【Side key2】** : member selection

Simultaneously press the button **【Down key】** + **【ESC key】** : Key lock or unlock

Press and hold **【ESC key】** : turn off the screen

6. MENU OPERATION

6.1 Groups & Members

In standby mode, short press **【Menu/OK key】** key to enter the menu mode, enter **【Groups & Members】**, press **【Up key】** **【Down key】** key to choose operation items, then short press **【Menu/OK key】** key to confirm the entry, short press **【Esc key】** key to exit the current operation.

- Enter **【Groups】** and short press **【Up key】** and **【Down key】** to select a group.
- Enter **【Members】** and short press **【Up key】** and **【Down key】** to select member.
- Enter **【Friends】** and short press **【Up key】** and **【Down key】** to select a friend.

6. MENU OPERATION

6.2 Talk Recrod

In standby mode,short press **【Menu/OK key】** key to enter the menu mode, enter **【Talk Recrod】** , press **【Up key】** and **【Down key】** select the call recording information.

6.3 Talk

In standby mode,short press **【Menu/OK key】** key to enter the menu mode, enter **【Talk】** ,press **【Up key】** **【Down key】** key to choose operation items, then short press **【Menu/OK key】** key to confirm the entry,short press **【Esc key】** key to exit the current operation.

- Enter **【Quality】** and short press **【Menu/OK key】** key to select **【Default】** or **【HD Audio】** .
- Enter **【Talk Tone】** and short press **【Up key】** and **【Down key】** to select the prompt tone On/Off and level of the prompt tone.
- Enter **【Mic】** and short press **【Up key】** and **【Down key】** to select the call level.
- Enter **【Call Show】** and short press **【Menu/OK key】** key to turn On/Off.
- Enter **【Recv Show】** and short press **【Menu/OK key】** key to turn On/Off.
- Enter **【Outdoor】** and short press **【Menu/OK key】** key to turn On/Off.

6.4 Settings

In standby mode,short press **【Menu/OK key】** key to enter the menu mode, enter **【Settings】** ,press **【Up key】** **【Down key】** key to choose operation items, then short press **【Menu/OK key】** key to confirm the entry,short press **【Esc key】** key to exit the current operation.

- Enter **【Mute】** and short press **【Menu/OK key】** key to turn On/Off.
- Enter **【Backlight】** and short press **【Up key】** and **【Down key】** to select the backlight level.
- Enter **【Led】** and short press **【Menu/OK key】** key to turn On/Off.
- Enter **【Sleep】** and short press **【Up key】** and **【Down key】** to select always on or screen off time.
- Enter **【Menu Outtime】** and short press **【Up key】** and **【Down key】** to select manual return or automatic return time.
- Enter **【Theme】** and short press **【Up key】** and **【Down key】** to select **【Default】** or **【Color】** .
- Enter **【Language】** and short press **【Up key】** and **【Down key】** to select 中文/English.
- Enter **【Time Zone】** and short press **【Up key】** and **【Down key】** to select time zone value.

6.5 Features

Enter **【Features】** and short press **【Up key】** and **【Down key】** to select Power Save or Hotkey.

6.6 Host Info

User Info,Device info,Version information.

7. LED Indicator

Indicator State	Radio State
Red light on	Transmitting or Power off
Green light on	Receiving signal or Power on
Green light flashing fast	Radio powered on or SIM card not inserted or SIM card invalid
Green light flashing slowly	In normal standby mode.

8. TROUBLESHOOTING GUIDE

Troubleshooting	Solution
No response after powered on POC radio	Battery power too low: The battery may have run out, replace battery or charge. SIM card failure: check or replace the SIM card Poor battery contact: Reinstall the battery or clean the battery contact points
Insufficient standby time	Battery performance degradation: replace battery
Charging failure	Poor contact :Check contact,replace socket or plug Battery voltage is too low : It will cause no charging display,charge for about half an hour, then unplug and recharge Battery failure : Replace battery Charger failure :Replace or repair the charger
The speaker has no sound or low sound.	Volume setting low: Turn the volume setting up. Water ingress into the speaker grid: Swing the walkie talkie to drain the accumulated water in the speaker grid.
No network connection	Bad signal : Move to the open area and try again Not in the service area :Try to confirm network coverage

1. 概述

1.1【概述】

4G 公網對講機實現全球語音通話，語音清晰宏量，突破通話距離的限制。

1.2【功能描述】

- ◇ Linux 操作系統
- ◇ 支援 LTE 網絡
- ◇ IP67 防水
- ◇ 智能降噪

1.3【配件】

- ◇ 鋰離子電池
- ◇ 皮帶夾
- ◇ 操作說明書

1.4【可选功能】

- ◇ 耳機麥克風
- ◇ CS68-922 充電座連火牛
- ◇ CS88-922 快速充電座（適用於四部對講機同時進行充電）

2. 控制鍵及顯示說明



3. 安裝配件

3.1 安裝電池

將電池組對準對講機槽位，往上推電池直至發出“咔噠”聲。

3.2 拆卸電池

取下電池組時，先把對講機電源關閉，然後將對講機底部電池鎖向上按壓，電池往下一推，即可取出電池組。

3.3 安裝 SIM 卡

先把 SIM 卡蓋的兩個螺絲用螺絲刀取下來，再取下 SIM 卡蓋和密封圈，再裝上 SIM 卡，然後放好密封圈，再放上 SIM 卡蓋，鎖上螺絲。

3.4 安裝皮帶夾

將隨機附帶的 2 個螺絲對準對講機背面的兩個螺絲孔沿順時針方向擰緊即可固定皮帶夾。

3.5 拆卸皮帶夾

沿逆時針方向轉動螺絲，直至螺絲全部鬆動即可卸出皮帶夾。

3.6 安裝外置耳機

用螺絲刀將耳機介面蓋的螺絲旋起來，打開耳機介面蓋子和密封圈，將耳機/麥克風線插入耳機/麥克風插口即可。

3.7 拆卸外置耳機

將耳機/麥克風線撥出，然後把耳機介面蓋和密封圈固定好，再用螺絲刀將機介面蓋用螺絲旋緊。

注：如果 SIM 卡蓋、耳機介面蓋以及它們密封圈沒有固定裝好，對講機可能會從這些地方漏水！

4. 電池充電

4.1 充電

- 1) 將電源适配器插入电源。
- 2) 將 USB 充电线与电源适配器和电池 Type C USB 的插口连接。
- 3) 确保所有连接点正确稳固连接。

或

- 1) 將 DC 插頭插入充電座並將電源適配器接入 AC 電源。
- 2) 對講機放入充電座進行充電

充電時，LED 亮紅燈。 充滿電後（約 5 小時），LED 亮綠燈。



5. 基本操作

5.1 開機和關機

開機：順時針旋轉【電源/音量旋鈕】，直至聽到“嗒”聲，即已接通對講機電源；

關機：逆時針旋轉【電源/音量旋鈕】，直至聽到“嗒”聲，即已關閉對講機電源。

注：如果未裝號碼卡或未注册號碼卡、無效卡，提示“請插卡”。

5.2 調節音量

在待機狀態下，通過順時針旋轉【電源/音量旋鈕】可以增大音量，通過逆時針旋轉【電源/音量旋鈕】可以減小音量。

5.3 發送呼叫

按住【PTT 鍵】，紅色指示燈亮，對著麥克風講話，請保持麥克風與嘴部約 3-5CM 的距離，用平常的聲調講話，以便接收機獲得最佳音質。

5.4 接收呼叫

接收時，請鬆開【PTT 鍵】進入接收狀態，當您正在使用的通道被呼叫時，您便可以聽到對方的送話音。

5.5 低電量提示

電池電壓過低時，語音播報“電量不足”，當電池電量過低時，對講機自動關機以保護模塊。

5.6 快捷操作

短按【側鍵 1】：群組選擇

短按【側鍵 2】：成員選擇

同時按著【下翻鍵】+【退出鍵】：按鍵上鎖或解鎖

長按【退出鍵】：熄屏

6. 菜單操作

6.1 群組成員

在待機狀態下，短按【菜單鍵/確認鍵】進入菜單模式。進入【群組成員】，通過【上翻鍵】【下翻鍵】選擇相應操作項，再次按【菜單鍵/確認鍵】確認，短按【退出鍵】退出相關操作。

- 進入【群組選擇】後，短按【上翻鍵】【下翻鍵】選擇群組。
- 進入【成員選擇】後，短按【上翻鍵】【下翻鍵】選擇成員。
- 進入【好友選擇】後，短按【上翻鍵】【下翻鍵】選擇好友。

6.2 呼叫記錄

在待機狀態下，短按【菜單鍵/確認鍵】進入菜單模式，進入【呼叫記錄】，通過【上翻鍵】【下翻鍵】選擇需要的呼叫記錄。

6.3 對講設置

在待機狀態下，短按【菜單鍵/確認鍵】進入菜單模式，進入【對講設置】，通過【上翻鍵】【下翻鍵】選擇相應操作項，再次按【菜單鍵/確認鍵】確認，短按【退出鍵】退出相關操作。

6. 菜單操作

- 進入【对讲音质】，通過短按【菜單鍵/確認鍵】選擇開【标准音质】或【高清音质】。
- 進入【对讲提示音】，通過【上翻鍵】【下翻鍵】選擇對講提示音開啟或關閉以及提示音等級。
- 進入【送話等級】，通過【上翻鍵】【下翻鍵】選擇送話等級。
- 進入【呼叫亮屏】，通過短按【菜單鍵/確認鍵】選擇開啟/關閉【呼叫亮屏】。
- 進入【接收亮屏】，通過短按【菜單鍵/確認鍵】選擇開啟/關閉【接收亮屏】。
- 進入【戶外模式】，通過短按【菜單鍵/確認鍵】選擇開啟/關閉【戶外模式】。

6.4 系統設置

在待機狀態下，短按【菜單鍵/確認鍵】進入菜單模式，進入【系統設置】，通過【上翻鍵】【下翻鍵】選擇相應操作項，再次按【菜單鍵/確認鍵】確認，短按【退出鍵】退出相關操作。

- 進入【静音】，通過短按【菜單鍵/確認鍵】選擇開啟/關閉【静音】
- 進入【背光等級】，通過【上翻鍵】【下翻鍵】調節背光等級
- 進入【指示灯】，通過短按【菜單鍵/確認鍵】選擇開啟/關閉【指示灯】。
- 進入【自动熄屏】，通過【上翻鍵】【下翻鍵】選擇常亮或者自動熄屏時間。
- 進入【菜单返回】，通過【上翻鍵】【下翻鍵】選擇手動返回或者自動返回時間。
- 進入【主题】，通過【上翻鍵】【下翻鍵】選擇【默认主题】或【亮彩主题】。
- 進入【语言选择】，通過【上翻鍵】【下翻鍵】選擇中文/English
- 進入【时区设置】，通過【上翻鍵】【下翻鍵】選擇時區值

6.5 功能設置

進入【功能設置】，通過【上翻鍵】【下翻鍵】選擇省电模式和侧键功能。

6.6 本機訊息

账号信息、设备信息、版本信息。

7.LED 指示燈

指示燈狀態	終端工作狀態
紅燈常亮	信號發射時或關機時
綠燈常亮	接收到訊號時或開機時
綠燈快閃	剛開機或未插入 SIM 卡或 SIM 卡無效
綠燈慢閃	正常待機狀態

8. 故障排除指南

問題	解決方案
開機無反應	電池電量不足：電池可能已耗盡，請更換電池或充電 手機卡故障：檢查或更換手機卡 電池接觸不良：重新安裝電池或清洗電池接觸點
待機時間不足	電池效能下降：更換電池
充電故障	接觸不良：檢查接觸情況，更換插座或插頭 電池電壓過低：會導致無充電顯示，先充電約半小時，然後撥下插頭再重新充電 電池故障：更換電池 充電器故障：更換或維修充電器
喇叭沒有聲音或聲音小	音量設定小：把音量設定調大 喇叭柵格進水：甩一甩對講機，將喇叭柵格內的積水排出
無法連接到網絡	訊號太弱：移到開闊處重試 不在服務區：確認網絡覆蓋範圍

TECHNICAL SPECIFICATIONS

Working voltage	DC 3.4V~4.2V	
Battery capacity	5000mAh	
Antenna impedance	50Ω	
Size(H ×W× D)	102×58×38mm	
Weight Incl. battery	258g	
Network	Radio method	TDD-LTE / FDD-LTE
	Frequency	TDD-LTE : Band 34/Band38/39/40/41 FDD-LTE : Band1/3/5/8



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