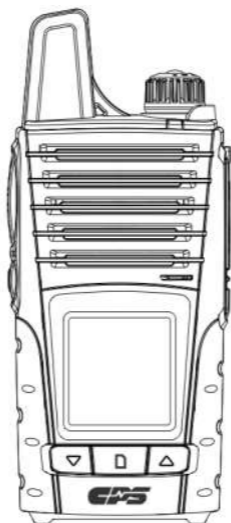




CP720

PoC Radio 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]

- ◇ Android operation system
- ◇ GSM/WCDMA/LTE network
- ◇ Global calling and instant response
- ◇ 2G/3G/4G switchable

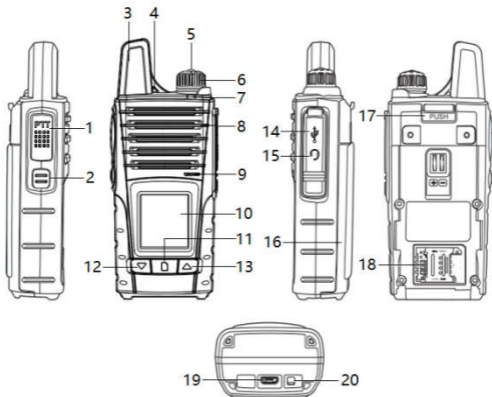
1.3 [Accessories]

- ◇ Power adapter and charging cable
- ◇ Li-ion battery
- ◇ Belt clip
- ◇ User manual

1.4 [Optional]

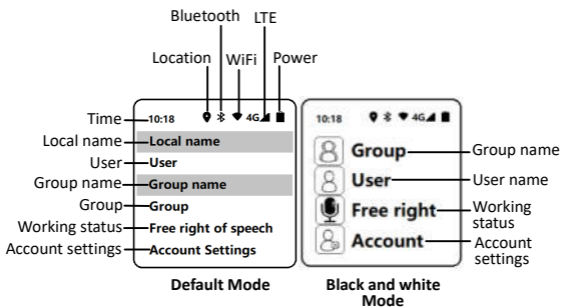
- ◇ Bluetooth function
- ◇ WiFi function
- ◇ GPS location

2. CONTROLS AND INDICATORS



2. CONTROLS AND INDICATORS

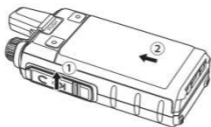
1. PTT (Push-to-Talk) key – Press & hold to transmit, release to receive
2. Menu key - Enter/ Return
3. Antenna
4. Lanyard hole
5. Power / Sleep-Wake button
6. Volume Control switch
7. Indicator light - Standby & RX: Green light / TX: Red light
8. Speaker
9. Mic
10. LCD screen
11. Enter / Select key
12. DOWN key- Press and hold to enter groups
13. UP key- Press and hold to show contacts
14. USB port - For programming and battery charging purpose
15. Speaker jack & Microphone jack (single socket)
16. Battery pack
17. Release latch - Push down and pull the battery pack to release
18. SIM card slot
19. USB jack-Battery pack USB jack for power charging purpose only
20. Battery charging light- Red : Charging/ Green : Fully charged



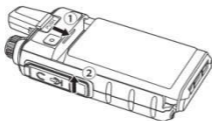
3. INSTALLING ACCESSORIES

1) Installing/removing the battery pack

Slide the battery pack into the radio until it clicks into place.

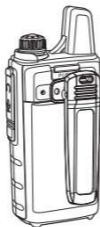


Turn off the radio and remove the battery pack. Push down the release latch while pulling the battery pack away from the radio.



2) Installing/removing the belt clip

Use a screwdriver to install and remove the belt clip.



3) Installing the optional ear-microphone (optional)

Remove the cap and insert the ear-microphone.



4. CHARGING THE BATTERY




- 1) Plug the power adapter into an electric socket.
- 2) Connect the USB charging cable between the power adapter and the USB jact at the bottom of the battery pack.
- 3) Ensure the connection of each end is connected securely.
- 4) The charging light will turn RED and it will turn GREEN when fully charged (approximately 6 hours).






5. BASIC OPERATION

After the account platform is being registered and the PoC radio is programmed, the display will show the designated Local Name and Group Name etc.


1) Group call

Press and hold  key and enter groups list. Press  and  keys to select the group you want to join. Communications can be received and transmitted among all members in the selected group (online).

2) Selective call

In the selected group, press  and  keys to select the member to communicate with by pressing  key. Only the selected member can be communicated with. The selective call function will be turned off when exiting the group

3) Favourable contacts



Press and hold  key to select favourable contacts from the list. This function is available only when accessing the background of platform administration. Only online member can be selected.

4) Sleep & Wake

Press the sleep-wake button to lock or unlock display and buttons.

6. MENU SETTING

Press and hold the menu key and enter the settings page of radio.

Press  and  keys to change the settings



6.1 【Network settings】

- Choose the preferred network type Auto/2G/3G/4G.
- Enhanced 4G LTE mode. (Suggested setting)
- APNs

6.2 【WLAN】

Turn on/off WiFi function.

- Connected WiFi
- Available WiFi
- Saved WiFi

Choose the WiFi network you have access to. Press  key for selection and type in the password. Press and hold PTT key to switch between alphabet/number/symbol. Select [Enter] and Press  key after completion. Press CONNECT to connect to the WiFi network.

6.3 【Bluetooth】

Search the available device and perform pairing.

Note: Check for earpiece compatibility

6.4 【Location】

GPS function is optional. The location of PoC radio will be shown on background of platform when location function is activated.

Note: For battery saving, please turn off the GPS location function at all times.

6.5 【Language】

Switch between Chinese and English.

6.6 【Boot sound】

Boot sound effect on/off.

6.7 【About phone】

PoC radio status and information.

7. TROUBLESHOOTING GUIDE

Troubleshooting	Solution
Voice prompt network is not valid when press PTT.	<ol style="list-style-type: none">No SIM card installed or insert SIM card error.The card is set with PIN code.
PoC radio does not have network or the signal is weak	<ol style="list-style-type: none">Check the network signal strengthless, restart the radio if necessary.Check with administration platform whether it is working.
GPS cannot be located	GPS needs 1-3 minutes to locate for the first time. It can not be located due to signal weaknesses indoor. Relocate the radio outdoor for signal reconnection
Display shows 'Not in group' and account is not logged in	Please contact your platform administrator or authorized dealer to reset the group .

1. 概述

1.1 【概述】

PoC 公网对讲机实现全球语音通话，语音清晰宏量，突破通话距离的限制。

1.2 【功能描述】

- ◇ Android 操作系统
- ◇ 支持 GSM/WCDMA/LTE 网络
- ◇ 全球通话和即时响应
- ◇ 可切换 2G/3G/4G 网络

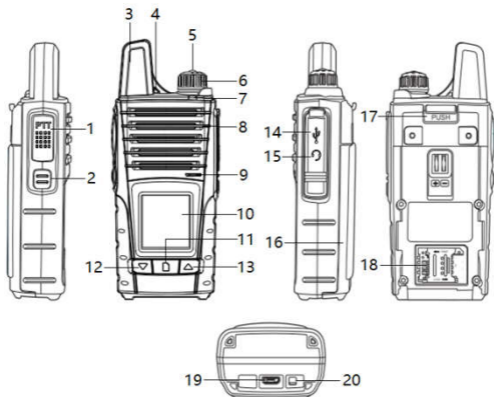
1.3 【配件】

- ◇ 电源适配器和充电线
- ◇ 锂离子电池
- ◇ 皮带夹
- ◇ 操作说明书

1.4 【可选功能】

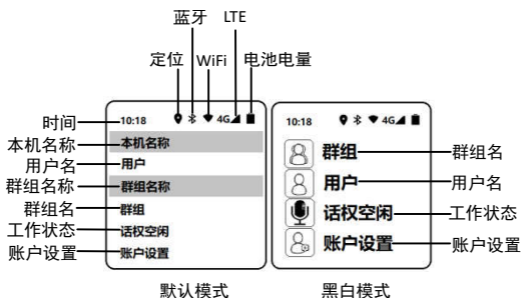
- ◇ 蓝牙功能
- ◇ WiFi 功能
- ◇ GPS 定位功能

2. 控制键及显示说明



2. 控制键及显示说明

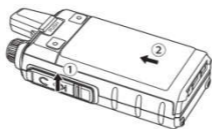
1. PTT 发射键- 按下发射键进入发射状态，松开则恢复到接收状态
2. 菜单设置键- 进入/返回键
3. 天线
4. 手绳孔
5. 电源开关/睡眠唤醒按钮
6. 音量刻度旋钮
7. 通讯指示灯
发射状态（亮红灯），接收状态（亮绿灯），待机状态（绿灯发出亮/灭）
8. 喇叭
9. 麦克风
10. LCD 显示屏
11. 确定键 /进入键
12. 向下按键- 向下选择。或相应操作。长按选择[分组]
13. 向上按键- 向上选择。或相应操作。长按选择[好友]
14. 机身 Micro USB 插口- 用于编程和电池充电
15. 耳机接口 - 用于外接单插座耳机通话(另购)
16. 电池组件
17. 电池扣 - 用于扣住/卸下电池组件
18. SIM 卡槽
19. 电池 Micro USB 插口- 电池充电
20. 电池充电指示灯
充电（亮红灯），充满电（亮绿灯）。



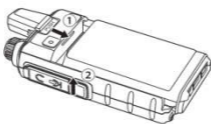
3. 安装配件

1) 安装/拆卸电池组

将电池组件装入机身电池槽内并推到顶端，直至与机身电池扣卡入到位。



取出电池组件之前，请先关闭对讲机。按下电池扣并退出电池组件。



2) 安装/拆卸皮带夹

使用螺丝刀安装或拆卸皮带夹。



3) 安装外接插座耳机(另购)

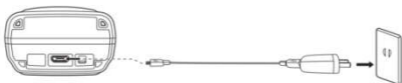
揭开 USB/耳机盖，将耳机插针插入插孔。



4. 电池充电

3.1 【充电】




- 1) 将电源适配器插入电源。
- 2) 将 USB 充电线与电源适配器和对讲机/电池 Micro USB 的插口连接。
- 3) 确保所有连接点正确稳固连接。
- 4) 充电时，LED 亮红灯。充满电后（约 6 小时），LED 亮绿灯。此时可移除相关充电连接。



5. 基本操作



将平台帐号编程到 PoC 收发器后，显示屏将显示本地用户名和组名（如果已分组）。

1) 工作群组呼叫

长按键  进入群组列表。按  或  键，选择要使用的群组或可再细选分组。所有在线成员（所先群组内）都可以接收并与您进行通话。

注意：分组中的通信是分组呼叫，而不是群组成员呼叫，通讯成员只限于所先群组内（在线）

2) 群组成员呼叫

在群组中，短按  或  键在成员列表中选择指定要呼叫的成员并在其上打勾，按 PTT 键确认并建立呼叫关系，若退出所选通话画面，其群组成员呼叫功能会自动退出。（除了勾选成员，其他成员无法接听您的呼叫）



3) 快捷[好友]呼叫

长按  键进入联系人[好友]列表。此功能只能通过行政人员平台设置。

4) 睡眠唤醒功能

按睡眠唤醒键亮屏或熄屏。

6. 菜单设置

长按菜单设置键，进入对讲机设定菜单，按  和  键进行选项。



6.1 【网络设置】

- 选择网络类型(可选自动/2G/3G/4G)。
- 4G LTE 模式(使用 LTE 来改善语音和其他通讯，推荐开启)。
- 接入点名称 (APN)。

6.2 【无线网络 WIFI】

开启/关闭 WiFi 无线网络。

- 已连接的网络。
- 可用网络。
- 已配置的网络。

选择您可以连接的 WiFi 网络并按  键输入密码。长按 PTT 键以切换字母/数字/符号。输入完成后选择 [Enter] 并按  键，跟着按 CONNECT 以登录 WiFi 网络。

6.3 【蓝牙】

开启/关闭蓝牙功能。

搜索可用蓝牙设备并与之配对。

(注意：蓝牙耳机必须为相应的公网平台适配后方可正常使用)。

6.4 【位置】

GPS 功能为可另外选配功能。设置后，PoC 对讲机的位置将显示在行政人员平台上。注意：GPS 功能会消耗电池电量。如不需要，请将其关闭。

6.5 【语言】

切换中文/英文。

6.6 【开机声音】

开启或关闭开机声效。

6.7 【手机状态】

查询对讲机状态及资讯。

7. 故障排除指南


问题	解决方案
按 PTT 时语音提示网络无效。	1. 未安装 SIM 卡或插入 SIM 卡错误。 2. 该卡已设置 PIN 码。
PoC 对讲机没有网络或信号弱。	1. 检查网络信号强度，必要时重启对讲机。 2. 检查行政人员平台是否运作正常。
GPS 无法定位。	GPS 第一次需要 1-3 分钟才能定位。信号在室内微弱而无法定位。请把对讲机带到户外，重新定位。
显示屏显示不在组和帐户中没有登录。	请联系您的平台操作员或授权经销商重置。

TECHNICAL SPECIFICATIONS

Working voltage	DC 3.3V~4.2V	
Battery capacity	4000mAh	
Antenna impedance	50Ω	
Size(H ×W× D)	117×58×35mm	
Weight Incl. battery	178g	
Network	Radio method	GSM、 WCDMA、 CDMA、 TD-SCDMA、 LTE /TD
	Frequency	GSM : Band2/3/8 WCDMA : Band1/5/8 CDMA : Evdo Rev.A 800MHz TDD-LTE : Band38/39/40/41 FDD-LTE : Band1/3/5/8



[http:// www.cps-telecom.com](http://www.cps-telecom.com)

 is the registered trademark of CPS Telecom Limited, Hong Kong

©2021 CPS Telecom Limited

CPS20210105 720 V.1.2