



CP227

迷你商務對講機
用戶使用手冊
User's Manual



1. 概述

1.1 【概述】

CP227 ARC Ultra mini 商用對講機結合了高品質和多功能性以及優美輕巧的設計，確保有效的通信令您得心應手。

1.2 【功能描述】

- ◇ 內置 53 個單音 CTCSS 及 104 個 DCS 數字私線組合 DCS (CTCSS 及 DCS)
- ◇ 音量調較(16 級)
- ◇ 鍵盤鎖功能
- ◇ 省電功能，特長待機時間 - 45 小時
- ◇ 0.5W 音頻功率輸出
- ◇ 3.7V 1100mAh 鋰離子電池
- ◇ 頻道掃描
- ◇ 接收訊號強弱顯示 (RSSI)
- ◇ 電量狀態顯示
- ◇ 兩檔發射功率可選, 高/低
- ◇ 智能耳機調較

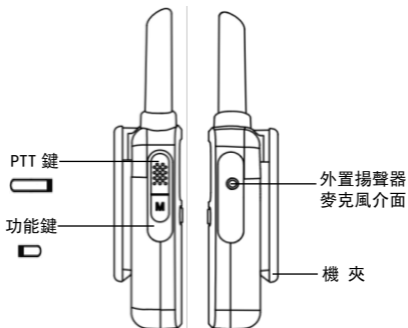
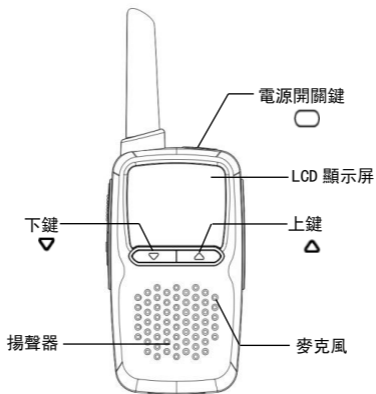
1.3 【配件】

- ◇ CB28 鋰離子電池
- ◇ USB 充電線
- ◇ 說明書

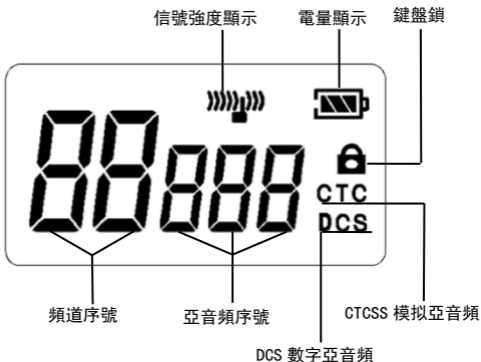
1.4 【另購配件】

- ◆ EM28 耳塞麥克風
- ◆ EM25 耳掛式麥克風
- ◆ EM22 耳管式麥克風
- ◆ EM38 耳塞麥克風
- ◆ EM39 耳塞麥克風
- ◆ CS20-25 充電座連 CWC20 火牛
- ◆ CS28-25 四位快速充電座

2. 控制鍵及顯示說明



2. 控制鍵及顯示說明



3. 充電

3.1 【充電】

- 1) 將 USB 線連接對講機及充電器
- 2) 把 AC 插頭接上 AC 電源
- 3) 充電時間：3-4 小時

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，充電時間：3-4 小時。



備註：建議使用 CPS 電源適配器充電達至最佳充電效果




















4. 功能選擇

4.1 【功能選擇】

同時按下〔〕鍵及〔〕鍵可進入功能選擇，繼續按下〔〕鍵可進入所需功能選擇，然後按〔〕鍵選擇所需功能，按下機側〔〕鍵確認。若無按鍵操作，10 秒後將自動退出選單畫面。



5. 簡易調頻方法



- 先在機頂長按〔〕鍵開機。
- 同時按下〔〕鍵及〔〕鍵，直至 LCD 屏幕數字閃動，再按〔〕鍵揀選通話頻道。
- 再輕按〔〕鍵，LCD 屏幕會出現 CTC OFF，再按〔〕鍵揀選副頻道 (CTCSS 1 - 53, DCS 1-104)。
- 再輕按〔〕鍵進入“SC ***”掃描設置模式，按〔〕鍵可選擇開或關，然後按下〔〕鍵確認；或按下〔〕鍵退出掃描。
- 再輕按〔〕鍵進入“Po***”可選擇高低發射功率，按〔〕鍵選擇高功率 HI/低功率 Lo，按下〔〕鍵確認。
- 此時可按下機側〔〕鍵完成調頻或可再按〔〕鍵跳至以下顯示並以〔〕鍵揀選需要的設定，任何時候皆可按下機側〔〕鍵完成設定。
- 將機側〔〕鍵與〔〕鍵同時按下，可以把該機上鎖或開鎖，當上鎖後，此機祇可以調較音量及對講。

6. 一般操作



6.1 【開機/關機】

持續按下電源〔  〕鍵開機或關機。

6.2 【音量調較】

按〔  |  〕鍵調較音量(共有 16 級, 出廠預設為 8 級)。

6.3 【發射】

持續按下機側〔  〕鍵對距離麥克風 5cm 講話, 鬆開機側〔  〕鍵恢復接收狀態。








6.4 【接收】

對講機處於待機模式, 以便接收訊號。





6.5 【鍵盤鎖】

同時按下〔  〕鍵及〔  〕鍵可選擇開或關鍵盤鎖。






6.6 【頻道選擇】

同時按下〔  〕鍵及〔  〕鍵進入“** CH”頻道選擇模式, 頻道號碼將會閃動, 按〔  |  〕鍵選擇所需頻道, 再按〔  〕鍵確認。當持續按〔  |  〕鍵時, 頻道會不停地調上/調下。





6.7 【CTCSS / DCS 模擬亞音頻/數字亞音頻設置】

於調頻時, 按下〔  〕鍵進入“CTC/DCS***”模擬亞音頻/數字亞音頻設置模式, 按〔  |  〕鍵選擇所需副頻, 然後按下〔  〕鍵確認(如開啟此功能, 收發雙方需選用相同的頻道、CTCSS / DCS 代碼才能互相通話)。

6.8 【掃描】

於調頻時, 按下〔  〕鍵進入“SC ***”掃描設置模式, 按〔  |  〕鍵可選擇開或關, 然後按下〔  〕鍵確認; 或按下〔  〕鍵退出掃描。

6.9 【高低功率選擇】

於調頻時, 按下〔  〕鍵進入“Po***”可選擇高低發射功率, 按〔  |  〕鍵選擇高功率 HI/低功率 Lo, 按下〔  〕鍵確認。

6.10 【智能耳機調較功能】

當插入耳機時, 將自動調較之合適音量(以出廠值或用戶自選之最低值為標準)。

1. GENERAL INFORMATION

1.1 【Introduction】

The CP227 ARC Ultra mini Business Walkie Talkie combines quality and versatility with an elegant design that ensures effective communications right at your fingertips.

1.2 【Key Features】

- ✧ 53CTCSS and 104 DCS
- ✧ Volume setting (1–16)
- ✧ Key Lock
- ✧ Battery Saving, ultra long standby time – 45 hours
- ✧ 0.5Watt High Power Speaker Output
- ✧ 3.7V 1100mAh Li-ion Battery
- ✧ Channel Scan—Scans for activity across different communications channels
- ✧ RSSI—Receiving signal strength indication
- ✧ Battery Level Indicator
- ✧ Power Output setting H:L
- ✧ Intelligent ear-microphone adjustment

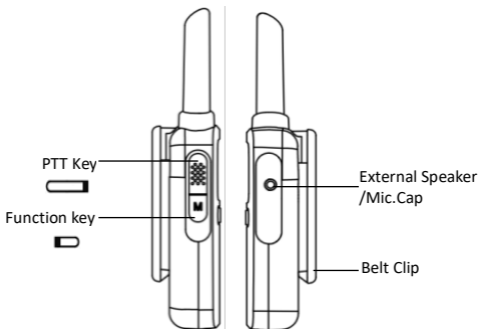
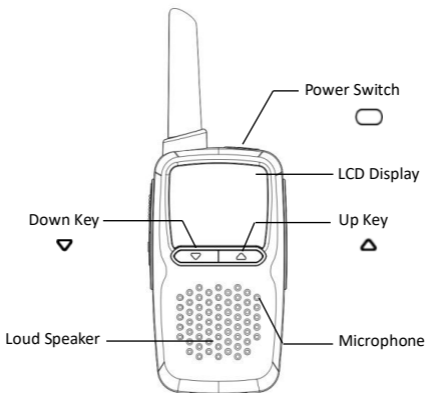
1.3 【Accessories】

- ✧ CB28 Li-ion Battery
- ✧ Micro-USB cable
- ✧ Owner's manual

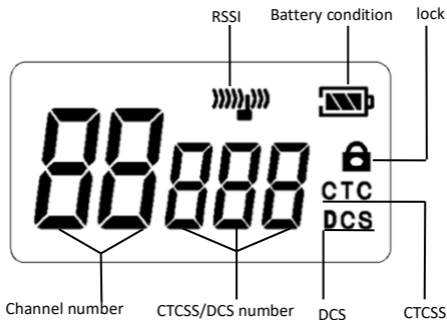
1.4 【Optional Accessories】

- ◆ EM28 Earbud microphone
- ◆ EM25 Ear-hook microphone
- ◆ EM22 Ear-tube microphone
- ◆ EM38 Earbud microphone
- ◆ EM39 Earbud microphone
- ◆ CS20-25 Charging Stand with CWC20 Adaptor
- ◆ CS28-25 Rapid Charger (4 Slots)

2. CONTROLS AND INDICATORS



2. CONTROLS AND INDICATORS



3. CHARGING THE BATTERY

3.1 [Charging]

- 1) Connect the USB cable to the USB jack of the unit and the other end of the USB cable to the AC adaptor.
- 2) Plug the AC adaptor into a standard electrical outlet.
- 3) It will take 3 - 4 hours for full charging

Or






- 1) Plug the AC adaptor into a standard electrical outlet Insert the Walkie talkie into the charging tray for charging.
- 2) It will take 3 - 4 hours for full charging

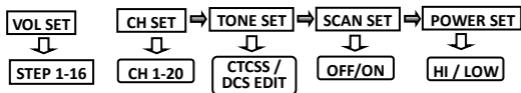


Remarks: Using CPS adaptor for the best charging performance is recommended




















4. MENU SETTING

4.1 [Menu Setting]

Press [] key and [] key simultaneously to enter Menu mode, press [] key to choose desired menu and press [] key to select the function then press [] key to save it. If no operation, 10 seconds will automatically exit the menu setting.




5. CHANNEL SETTING BRIEF NOTE

- Press and hold the [] key on the top of the unit.
- Press [] key and [] key simultaneously until the letter CH is blinking press [] key to select the number of Channel.
- Press [] key and the screen will display CTC off , press [] key to select your desired CTCSS/DCS (CTCSS 1 – 53, DCS 1 – 104)
- Press [] key until “SC***” is blinking, to select the scanning ON/OFF by pressing [] key and confirm it by pressing [] key. to cancel the scanning by pressing [] key.
- Press [] key until “Po***” is blinking, to select Power HI/Lo by pressing [] key and confirm it by pressing [] Key.
- Press [] key to complete this setting or to press [] key again to have the other functions , press [] key to select number, you may press [] key at any time to complete this setting.
- Press [] key at the side and [] key simultaneously to LOCK /UNLOCK the unit, after Lock, the unit can only be allowed to adjust volume or transmit or receive.

6. OPERATION



6.1 【Power On / Off】

To turn the radio on or off, press and hold the power on () key .

6.2 【Volume】

Adjust the volume level by using ( | ) key (16 steps, default 8)



6.3 【Transmission】

Press and hold the () key while speaking at about 5 cm from the microphone for transmission. Release the () key to return to stand by mode.








6.4 【Reception】

Listen for activity on the selected channel.





6.5 【Key Lock】

Press () key and () key simultaneously to select Key Lock ON / OFF






6.6 【Channel Selection】

Press () key and () key until “** CH” is blinking, to select the channel number by pressing ( | ) key and confirm it by pressing () key. To select channel quickly, press and hold the ( | ) key.





6.7 【CTCSS / DCS】

During setting, to press the () key until “CTCSS / DCS***” is blinking, to select the CTCSS / DCS number by pressing ( | ) key and confirm it by pressing () key.

6.8 【Scan】

During setting, to press the () key until “SC***” is blinking, to select the scanning ON/OFF by pressing ( | ) key and confirm it by pressing () key. to cancel the scanning by pressing () key.

6.9 【Power Selection】

During setting, to press the () key until “Po***” is blinking, to select power HI/Lo by pressing ( | ) key and confirm it by pressing () Key.

6.10 【Intelligent ear-mic adjustment】

When plug in ear microphone, the device will automatically reset the volume to comfort level. (originally set by factory or by user whichever the lower)

技術規格 TECHNICAL SPECIFICATIONS

一般 General			
電池類型 Battery type		Li-ion Battery	
電池容量 Battery capacity		1100mAh	
溫度範圍 Temperature range		-20°C~+55°C	
頻率誤差 Frequency stability		±2.5ppm	
尺寸 Size (HxWxD)		75x42x17mm	
重量 Weight Incl. battery		66g	
亞音頻 Sub tones		CTCSS/DCS	
CP227	中國 China	Frequency range	409.7500 – 409.9875MHz
		Channels	20 CHs

※※Features & Specifications are subject to change without notice


CTCSS					
CH	Frequency	CH	Frequency	CH	Frequency
1	67.0	19	127.3	37	241.8
2	71.9	20	131.8	38	250.3
3	74.4	21	136.5	39	69.3
4	77.0	22	141.3	40	159.8
5	79.7	23	146.2	41	183.5
6	82.5	24	151.4	42	189.9
7	85.4	25	156.7	43	196.6
8	88.5	26	162.2	44	199.5
9	91.5	27	167.9	45	206.5
10	94.8	28	173.8	46	229.1
11	97.4	29	179.9	47	254.1
12	100.0	30	186.2	48	165.5
13	103.5	31	192.8	49	171.3
14	107.2	32	203.5	50	177.3
15	110.9	33	210.7	51	60.7
16	114.8	34	218.1	52	62.5
17	118.8	35	225.7	53	64.7
18	123.0	36	233.6		

DCS

CH	DCS Code	CH	DCS Code	CH	DCS Code
1	023	36	251	71	631
2	025	37	261	72	632
3	026	38	263	73	654
4	031	39	265	74	662
5	032	40	271	75	664
6	043	41	306	76	703
7	047	42	311	77	712
8	051	43	315	78	723
9	054	44	331	79	731
10	065	45	343	80	732
11	071	46	346	81	734
12	072	47	351	82	743
13	073	48	364	83	754
14	074	49	365	84	036
15	114	50	371	85	053
16	115	51	411	86	122
17	116	52	412	87	145
18	125	53	413	88	212
19	131	54	423	89	225
20	132	55	431	90	246
21	134	56	432	91	252
22	143	57	445	92	255
23	152	58	464	93	266
24	155	59	465	94	274
25	156	60	466	95	325
26	162	61	503	96	332
27	165	62	506	97	356
28	172	63	516	98	446
29	174	64	532	99	452
30	205	65	546	100	454
31	223	66	565	101	455
32	226	67	606	102	462
33	243	68	612	103	523
34	244	69	624	104	526
35	245	70	627		



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