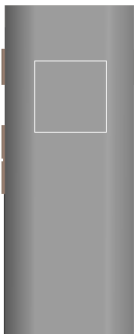


CP222

**SMARTBUSINESS
WALKIE TALKIE
USER MANUAL**



1. GENERAL INFORMATION

1.1 【Introduction】

The CP222 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
- ◇ 0.5Watt High Power Speaker Output
- ◇ 3.7V 650mAh Li-ion Battery
- ◇ Battery Level Indicator

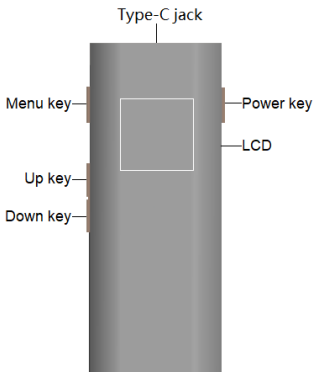
1.3 【Accessories】

- ◇ CB222 Li-ion Battery
- ◇ Type-C cable
- ◇ EM26L or EM26S
- ◇ Owner's manual

1.4 【Optional Accessories】

- ◆ CS88-222 Rapid Charger (10 Slots)

2. CONTROLS AND INDICATORS



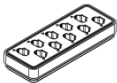
3. CHARGING THE BATTERY

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

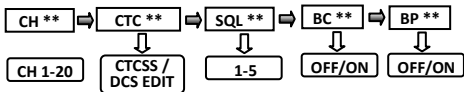


Remarks: Using CPS adaptor for the best charging performance is recommended

4. MENU SETTING

4.1 【Menu Setting】

Long Press (**Menu Key**) key to enter menu mode, short press (**Menu Key**) key to choose desired menu and press (**Down key**) (**Up key**) key to select the function. Then short press (**Power key**) key to save it. If no operation, 10 seconds will automatically exit the menu setting.



5. OPERATION

5.1 【Power On / Off】

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

5.2 【Volume】

Adjust the volume level by using (**Down key**) (**Up key**) key (16 steps, default 8)

5.3 【Transmission】

Press and hold the (**Headset PTT key**) key while speaking at about 3cm from the Headset for transmission.

Release the (**Headset PTT key**) key to return to standby mode.

5.4 【Reception】

Listen for activity on the selected channel.

5. OPERATION

5.5 【Key Lock】

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

5.6 【Channel Selection】

During setting, to press (**Menu key**) key until “CH**” is display, to select the channel number by pressing (**Down key**) (**Up key**) key .

5.7 【CTCSS / DCS】

During setting, to press (**Menu key**) key until “CTC**” is display, to select the CTCSS / DCS number by pressing (**Down key**) (**Up key**) key.

5.8 【SQL】

During setting, to press (**Menu key**) key until “SQL**” is display ,to select the squelch level by pressing (**Down key**) (**Up key**) key..

5.9 【BC】

During setting, to press (**Menu key**) key until “BC**” is display, to select the busy channel lock ON/OFF by pressing (**Down key**) (**Up key**) key.

5.10 【BP】

During setting, to press (**Menu key**) key until “BP**” is display, to select the Key Tone ON/OFF by pressing (**Down key**) (**Up key**) key.

1. 概述

1.1 【概述】

CP222 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(CTCSS 及 DCS)
- ◇ 音量調較(16 級)
- ◇ 鍵盤鎖功能
- ◇ 0.5W 音頻功率輸出
- ◇ 3.7V 650mAh 鋰離子電池
- ◇ 電量狀態顯示

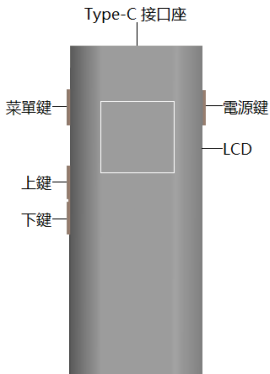
1.3 【配件】

- ◇ CB222 鋰離子電池
- ◇ USB 充電線
- ◇ EM26L 或 EM26S 耳塞麥克風
- ◇ 說明書

1.4 【另購配件】

- ◆ CS88-222 快速充電座（適用於拾部對講機同時進行充電）

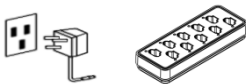
2. 控制鍵及顯示說明



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。

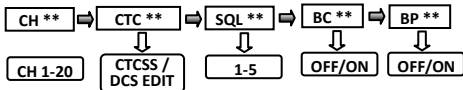


備註：建議使用 CPS 電源適配器充電達至最佳充電效果

4. 功能選擇

4.1 【功能選擇】

長按下〔**菜單鍵**〕鍵可進入功能選擇，繼續按下〔**菜單鍵**〕鍵可進入所需功能選擇，然後按〔**上鍵**〕〔**下鍵**〕鍵選擇所需功能，短按〔**電源鍵**〕鍵確認。若無按鍵操作，10 秒後將自動退出選單畫面。



5. 一般操作

5.1 【開機/關機】

持續按下電源〔**電源鍵**〕鍵開機或關機。

5.2 【音量調較】

按〔**上鍵**〕〔**下鍵**〕鍵調較音量(共有 16 級, 出廠預設為 8 級)。

5.3 【發射】

持續按下〔**耳機 PTT 鍵**〕鍵對距離麥克風 3cm 講話,
鬆開機側〔**耳機 PTT 鍵**〕鍵恢復接收狀態。

5.4 【接收】

對講機處於待機模式, 以便接收訊號。

5.5 【鍵盤鎖】

同時按下〔**菜單鍵**〕鍵及〔**上鍵**〕鍵可選擇開或關鍵盤鎖。

5.6 【頻道選擇】

於調頻時, 短按下〔**菜單鍵**〕鍵進入“CH**”頻道選擇模式,
按〔**上鍵**〕〔**下鍵**〕鍵選擇所需頻道。

5.7 【CTCSS / DCS 模擬亞音頻/數字亞音頻設置】

於調頻時, 短按下〔**菜單鍵**〕鍵進入“CTC**”模擬亞音頻/數字
亞音頻設置模式, 按〔**上鍵**〕〔**下鍵**〕鍵選擇所需副頻。
(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)。

5.8 【靜噪等級】

於調頻時, 短按下〔**菜單鍵**〕鍵進入“SQL**”靜噪等級設置模式,
按〔**上鍵**〕〔**下鍵**〕鍵選擇靜噪等級(1-5)。

5.9 【繁忙通道鎖定】

於調頻時, 短按下〔**菜單鍵**〕鍵進入“BC**”繁忙通道鎖定設置
模式, 按〔**上鍵**〕〔**下鍵**〕鍵選擇“ON/OFF”。

5. 一般操作

5.10 【按鍵音】

於調頻時，短按下〔**菜單鍵**〕鍵進入“BP**”按鍵音設置模式，按〔**上鍵**〕〔**下鍵**〕鍵選擇“ON/OFF”。

TECHNICAL SPECIFICATIONS

General			
Battery type		Li-ion Battery	
Battery capacity		650mAh	
Temperature range		-20°C-+45°C	
Frequency stability		±2.5ppm	
Size (HxWxD)		69x28x14mm	
Weight Incl. battery		35g	
Sub tones		CTCSS/DCS	
CP222A	Australia	Frequency range	476.425– 477.4125 MHz
		Channels	80 CHs
CP225B	British Malaysia Singapore	Frequency range	446.00625– 446.09375MHz
		Channels	8 CHs
CP222C	China	Frequency range	409.7500 – 409.9875MHz
		Channels	20 CHs
CP222E	E U	Frequency range	446.00625– 446.09375MHz
		Channels	8 CHs
CP222H	HongKong , Macau	Frequency range	409.7500 – 409.9875MHz
		Channels	20 CHs

TECHNICAL SPECIFICATIONS

CP222J	Japan	Frequency range	422.05 – 422.30 MHz
		Channels	20 CHs
		Frequency range	Tx 440.025–440.3625MHz Rx 421.575 – 421.9125 MHz
		Channels	27 CHs
CP222K	Korea	Frequency range	448.750 – 449.2625MHz
		Channels	25 CHs
CP222T	Taiwan	Frequency range	467.5125 – 467.6750MHz
		Channels	14 CHs
CP222R	Russia	Frequency range	433.07500–434.77500MHz
		Channels	69CHs
		Frequency range	446.00625–446.09375MHz
		Channels	8CHs
CP222U	USA	Frequency range	462.5500 – 467.7125MHz
		Channels	22 CHs

※※Features & Specifications are subject to change without notice

TECHNICAL SPECIFICATIONS

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		

TECHNICAL SPECIFICATIONS

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

TECHNICAL SPECIFICATIONS**DCS**

CH	DCS Code	CH	DCS Code	CH	DCS Code
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		

■ WASTE DISPOSAL

Electrical and electronic products can contain materials, parts and units that can be dangerous for the environment and human health. Products marked with the WEEE mark (shown below), shall not be disposed together with your normal household waste.

Please inform yourself about the local rules and disposal Collection system for electrical and electronic products.

The correct disposal of your old product will help to prevent negative consequences for the environment and human health.



(WEEE = Waste of Electrical & Electronic Equipment).

■ EU DECLARATION OF CONFORMITY

We, CPS Telecom Limited (15B/F., 55 King Yip Street, Kowloon, Hong Kong)

hereby declare that CP222 satisfies all the technical regulations applicable to

the product within the scope of Council Directives 2014/53/EU :

Product Description : Walkie Talkie

Model Number : CP222

Brand : CPS

Applicable Standards :

Safety : EN 60950-1:2006+A1:2009+A1:2010+A12:2011+A2:2013

EMC : ETSI EN 301 489 -1 V2.1.1: 2017-02

ETSI EN 301 489 -5 V2.1.1: 2016-11

Radio : ETSI EN 300 296 V2.1.1: 2016-03

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