

## CT-70

### Adjustment Procedure

1. Adjust the DC power supply so that 3V is obtained at the battery terminals.
2. Turn the microphone ,checking first whole machine work electric current whether normal(<100 mA)
3. Confirm that dummy load and communication tester(HP8920A) are prepared.
4. use the HP8920A to measure the frequency.if the frequency error margin out +/-4 PPMs, If there is variable electric capacity in VC3 in modulator to adjust the frequency error.
5. Change different channel. Repeat the test., It will change the frequency to 762.5MHz,775MHz and 787.45MHz.

Product model number : CT-70 BOM(P0			
Interface number	Material name	Specification	measures
1	capacitance	100P,0603.TDK	6
2	capacitance	102,0603.TDK	8
3	capacitance	103,0603.TDK	12
4	capacitance	104,0603.TDK	23
5	capacitance	6P3,0603.TDK	1
6	capacitance	10P,0603.TDK	2
7	capacitance	4P7,0603.TDK	3
8	capacitance	1P5,0603.TDK	1
9	capacitance	3P,0603.TDK	2
10	capacitance	473,0603.TDK	1
11	capacitance	33P,0603.TDK	2
12	capacitance	303,0603.TDK	2
13	capacitance	470P,0603.TDK	1
14	capacitance	173,0603.TDK	1
15	capacitance	15P,0603.TDK	3
16	capacitance	27P,0603.TDK	1
17	capacitance	330P,0603.TDK	1
18	capacitance	47P,0603.TDK	2
19	capacitance	200P,0603.TDK	1
20	capacitance	222J,0805.TDK	2
21	Ta capacitance	10U/A	20
22	Ta capacitance	100U/A	2
23	Ta capacitance	0.47U/A	1
24	Ta capacitance	1U/A	7
25	Ta capacitance	47U/A	6
26	audion	BAV99W,SOT-23	2
27	audion	BAT54C,SOT-23	1
28	diode	RB051L,	1
29	switch	RS-282G02A1-SM	4
30	inductance	220N,0603	1
31	inductance	82N,0603	1
32	inductance	22N,0603	6
33	inductance	7.5N,0603	3
34	inductance	470UH	2
35	quadrode	BFG520/X, SOT-143B	3
36	audion	2SA1037AK, SOT-23	1

37	audion	2SC2412K, SOT-23	7
38	audion	2SK208, SOT-23	2
39	audion	XR151, SOT-23	1
40	audion	XP162A, SOT-89	1
41	resistance	220R,0603.TDK	1
42	resistance	6.8K,0603.TDK	2
43	resistance	47K,0603.TDK	3
44	resistance	10R,0603.TDK	4
45	resistance	1K,0603.TDK	5
46	resistance	22R,0603.TDK	1
47	resistance	100R,0603.TDK	2
48	resistance	15K,0603.TDK	6
49	resistance	4.7K,0603.TDK	9
50	resistance	10K,0603.TDK	21
51	resistance	100K,0603.TDK	6
52	resistance	47R,0603.TDK	2
53	resistance	470R,0603.TDK	1
54	resistance	1M,0603.TDK	2
55	resistance	2.2K,0603.TDK	8
56	resistance	470K,0603.TDK	1
57	resistance	22K,0603.TDK	7
58	resistance	270R,0603.TDK	1
59	resistance	270K,0603.TDK	1
60	resistance	3.9K,0603.TDK	2
61	resistance	150K,0603.TDK	3
62	resistance	18K,0603.TDK	1
63	resistance	560K,0603.TDK	2
64	resistance	1.2K,0603.TDK	1
65	resistance	220K,0603.TDK	1
66	resistance	12K,0603.TDK	1
67	resistance	33K,0603.TDK	1
68	resistance	330R,0603.TDK	1
69	resistance	1.5K,0603.TDK	1
70	IC	HT7130,SOT-25	1
71	IC	HT7150,SOT-25	3
72	IC	MB15E03L	1
73	IC	LMV321	3
74	IC	SA575,SO-20	1

75	IC	JR4580	1
76	IC	24C01,SOP-8	1
77	IC	HT46R23A-1	1
78	IC	HT1621B	1
79	IC	XC6367B	1
80	adjustable capacitance	VC2-6P	1
81	VCO	VCO805	1
82	adjustable resistance	VR10K	2
83	adjustable resistance	VR1K	1
84	adjustable resistance	VR50K	1
85	firm tube	3V,SOT-23	1
	PCB	U-800-P01B6.8*7.1	1
	PCB	U-800-P02B6.8*7.1	1
		U-800-P01B6.8*7.1	1
		U-800-P02B6.8*7.1	1
86	resistor	4M,49-U	2
87	resistor	32.768	1
	shield box	886	1
	connector	2*14P	1
	display	M10230	1
	case		1
	connector	4P	1
	antenna socket	BMC	1
	240 battery	105- , + , +- SET	1
	780 transmitter box	Top and bottom hull	1
	antenna point		1
	platic slip		1
	PVC sticker PVC	PVC	1
	PVC sticker PVC	ANT	1
	PVC sticker PVC	GAIN	1
	PVC sticker PVC	SET	1
	sticker		1
	sticker		1
	screw	2.6*10PA	4
	screw	2.3*4KB	2

	PO poly bag		1
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