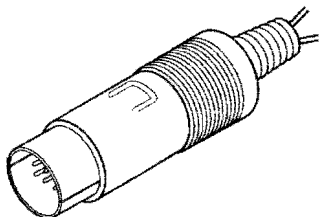


ADJUSTMENT

Service Jig

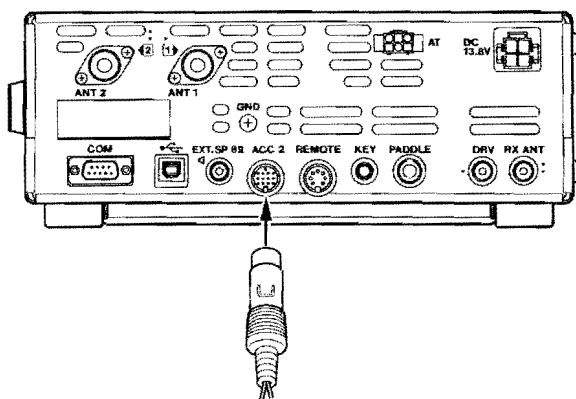
■ ACC 2 connector short plug

Use the same adjustment jig as the TS-570.



■ How to use the ACC 2 connector short plug

Insert the adjustment jig into the ACC 2 connector located on the rear panel of the transceiver.



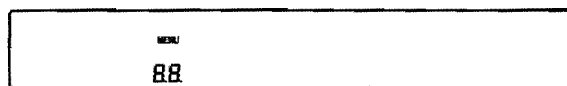
Adjustment Mode

■ Outline

1. You can adjust the transceiver in service adjustment mode (adjustment using the panel keys) or with manual adjustment (turning a coil and trimmer, etc). The service adjustment mode (hereinafter referred to as "adjustment mode") has 63 items (Menu No. 00 to 62) and all adjustment data is stored in the EEPROM (X53-446 A/3: IC309).
2. You can enter adjustment mode and change each setting data.
3. New data is written to the EEPROM by performing Menu No. 60 writing.

■ Operation procedures in adjustment mode

1. How to start the adjustment mode
 - Insert the adjustment jig into the ACC 2 connector located on the rear panel of the transceiver.
 - Turn the transceiver ON while pressing the [MIC] key and [NR] key, to enter adjustment mode and the Menu No. appears on the Memory channel number display. Remove the adjustment jig from the transceiver when the Menu No. appears.



Menu No.

2. Select the adjustment mode Menu No.
Turn the [MULTI/CH] knob to change the Menu No.
3. Change the adjustment mode setting data
Setting data can be changed using the [←] or [→] key.
4. Write the adjustment mode data
Press the [←] or [→] key on the main unit or the [UP] or [DWN] key on the microphone on Menu No. 60.
5. Cancel the adjustment mode
Press the [CLR] key to return to normal VFO mode.

Note: When the power is turned OFF during the adjustment mode, adjustment mode is canceled.

■ Adjustment Mode Menu (Menu No. 00~62)

No.	Adjustment Item	Display	Condition		
			Frequency (MHz)	RX IF (MHz)	Mode
00	CAR Point	10M 2.7k	1.81	73	USB
01		11M 2.7k	1.81	11	USB
02		11M 500H	1.81	11	CW
03	HF 11M IF Gain	HF11 GAIN	14.2	11	USB
04	HF 73M IF Gain	HF73 GAIN	14.2	73	USB
05	11M Mix BAL	HF11 BAL	0.136	11	USB
06	73M Mix BAL	HF73 BAL	0.100	73	USB
07	AGC Reference	AGC REF	14.2	73	USB
08	HF S-Meter	HF.SSB S1	14.2	11	USB
09		HF.SSB S9			
10		HF.SSB SF			
11	HF FM S-Meter	HF.FM. S1	29.2	73	FM
12		HF.FM.SFUL			
13	HF FM Squelch	HF.FM.SQ.TH	29.2	73	FM
14		HF.FM.SQ.TI			
15	50M IF Gain	50. GAIN	50.2	73	USB
16	50M S-Meter	50.SSB S1	50.2	73	USB
17		50.SSB S9			
18		50.SSB SF			
19	50M FM S-Meter	50.FM S1	50.2	73	FM
20		50.FMSFUL			
21	50M FM Squelch	50.FM.SQ.TH	50.2	73	FM
22		50.FM.SQ.TI			
23	ALC Reference	ALC REF	14.1	73	USB
24	POC/Power Meter	POC 100W	14.1	73	CW
25		P.MTR 100W	14.1		
26		50M 100W	50.1		

ADJUSTMENT

No.	Adjustment Item	Display	Condition			
			Frequency (MHz)	RX IF (MHz)	Mode	
27	POC/ Power Meter	50P.M100W	50.1	73	CW	
28		POC 50W	14.1			
29		P.MTR 50W				
30		POC 25W				
31		P.MTR 25W				
32		POC 10W				
33		P.MTR 10W				
34		POC 5W				
35		P.MTR 5W				
36	TX Gain	TGC 14M	14.1	73	CW	
37	ALC Meter	ALC.START	14.1	73	CW	
38		ALC.MAX				
39	TGC	TGC LW	0.136	11	CW	
40		TGC 1.8M	1.83			
41		TGC 3.5M	3.51			
42		TGC 5M	5.30			
43		TGC 7M	7.01			
44		TGC 10M	10.1			
45		TGC 18M	18.1			
46		TGC 21M	21.1			
47		TGC 24M	24.9			
48		TGC 28M	29.1			73
49		TGC 50M	50.1			
50	PGC	PGC 50W	14.1	73	CW	
51		PGC 25W				
52		PGC 10W				
53		PGC 5W				
54	FM Deviation	DEV.WIDE	29.1	11	FM	
55		DEV.NAROW		73		
56	Current	CURRENT	28.0	73	USB	
57	PRO	SWR PRO	14.1	73	USB	
58	SWR	HF SWR	14.1		USB	
59		50M SWR	50.1		USB	
60	WRITE	WRITE ROM	-	-	-	
61	CHECKSUM	M-CHKSUM	-	-	-	
62	Display check	-	-	-	-	

• MENU No.61 is a checksum confirmation mode

The checksum of the main MCU, the panel MCU, and the DSP can be confirmed using the [MEM] key or [CALL] key.

- The checksum value of the main MCU appears on the 7 segment display while [M-CHKSUM] appears on the 13 segment display.
- The checksum value of the panel MCU appears on the 7 segment display while [P-CHKSUM] appears on the 13 segment display.
- The checksum value of the DSP appears on the 7 segment display while [D-CHKSUM] appears on the 13 segment display.

