

PX558

➤ Commissioning Instructions and Specifications

Using the PC programming software or manually adjust the intercom mode debugging can be awakened on the 558, is to write software programming example to illustrate the frequency 558 debugging method.

Instrument:

A Tester

3A/10V power a

A digital voltmeter

3A ammeter A

First, the adjustment:

1 adjustment of the machine voltage is 7.4V

2 W Frequency: just put on a walkie-talkie, EEPROM no useful information, so you want to write before adjustment frequency

➤ emitting portion

Project	Condition	Measure		Adjustment		Specifications / Remarks
		Test Equipment	Terminal	Part	Method	
1. Frequency adjustment	Frequency point, the channel switch is set to the first channel	Tester	ANT		Inspection	0Hz < fL < 250Hz
2. High power adjustment	High power transmitter, the channel switch is set to the first 1/2/3 channel	Tester			Inspection	4. 0 < P < 4. 467W, I < 1. 60A
3. Low power adjustment	High power transmitter, the channel switch is set to the first 4/5/6 channel					0. 5 < PL < 1. 5W, I < 1A
4. Maximum modulation limit [Narrow]	Frequency point, the channel switch is set to the first four channels, the measured modulation sensitivity × 10 times, the measured maximum modulation frequency deviation		ANT MIC Outlet		Filter2: 15KHz	13. 3-4. 5KHz
4. CTCSS	Frequency point, the		ANT		Filter2: 300Hz	0. 3-0. 8KHz

[Narrow]	channel switch is set to No. 7/8-channel, see Tone Size		MI C Outlet			
5. Digital subsonic	Frequency point, the channel switch is set to channel 13, see Tone Size				Filter2: 300Hz	0.5-1.0 (KHz)
6. Distortion [Narrow]	Frequency point, the channel switch is set to channel 4					≤5%
7. Modulation sensitivity [Narrow]	Frequency point, the channel switch is set to channel 4				Filter2: 15KHz FM Deviation : 1.5K (N)	2.8-4.0mV

➤ PARTIAL RECEPTION

Project	Condition	Measure		Adjustment		Specifications / Remarks
		Test Equipment	Terminal	Part	Method	
1. Sensitivity [Narrow]	Receiving frequency, the channel switch is set to channel 4	Tester	ANT Speaker Dock		AFGen1 Freq: 1K AFGen1 To: 1.5K (N) Amplitude : -122dBm	-122dBm >12dB
2 Audio Voltage	Receiving frequency, the channel switch is set to the first channel		ANT Speaker Dock		Inspection	2.65-2.80V
3. distortion	Receiving frequency, the channel switch is set to the first channel	Tester	ANT Speaker Dock		Inspection	≤5%
4. Squelch	Receiving frequency,		ANT		Section 5 can	Section 5 tone

[Narrow]	the channel switch is set to the first 1/2/3 channel		Speaker Dock		be closed by adjusting the squelch	squelch
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