

PX-568/578 (UHF)

➤ 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	4.0W < PH < 5.0W, 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 [width]	Frequency point, the channel switch is set to the first channel, the measured modulation sensitivity × 10 times, the measured maximum modulation frequency deviation	Tester	ANT MIC Outlet		Filter2: 15KHz	3.3–4.5KHz

[Narrow]	Frequency point, the channel switch is set to the first four channels, the measured modulation sensitivity $\times 10$ times, the measured maximum modulation frequency deviation					1. 5-2. 5KHz
5.CTCSS [width]	Frequency point, the channel switch is set to the first channel	ANT MIC Outlet	Filter2: 300Hz		0. 5-1KHz	
[Narrow]	Frequency point, the channel switch is set to No. 7/8-channel, see Tone Size				0. 3-0. 8KHz	
6.Digital subsonic	Frequency point, the channel switch is set to channel 13, see Tone Size		Filter2: 300Hz		0. 5-1. 0 (KHz)	
5.Distortion [W]	Frequency point, the channel switch is set to the first channel		Filter2: 15KHz		$\leq 5\%$	
7.Distortion	Frequency point, the channel switch is set to the first channel					
[Narrow]	Frequency point, the channel switch is set to channel 4				$\leq 5\%$	
8.DTMF CODE [width]	Frequency point, the channel switch is set to channel 2		Press "5"		$\leq 4. 5K$	
[Narrow]	Frequency point, the channel switch is set to channel 5				$\leq 2. 5K$	
9.Modulation sensitivity [width]	Frequency point, the channel switch is set to the first channel		Filter 2 : 15KHz FM Deviation : 1.5K(N)/3K(W)		3-8mV	
[Narrow]	Frequency point, the				3-8mV	

	channel switch is set to channel 4					
10 . DTMF signaling	Frequency point, the channel switch is set to channel 17/18				CALL can show whether two pairs	

➤ PARTIAL RECEPTION

Project	Condition	Measure		Adjustment		Specifications / Remarks
		Test Equipment	Terminal	Part	Method	
1.Sensitivity [W]	Receiving frequency, the channel switch is set to the first 1/2/3 channel	Tester	ANT Speaker Dock		AFGen1 Freq: 1K AFGen1 To: 1.5K (N) /3K (W) Amplitude : -122dBm	-122dBm 时 12dB 以上
[Narrow]	Receiving frequency, the channel switch is set to channel 4					-122dBm 时 12dB 以上
2 Audio Voltage	Receiving frequency, the channel switch is set to the first channel	Tester	ANT Speaker Dock		Inspection	≥2.7V
3.distortion	Receiving frequency, the channel switch is set to the first channel				Inspection	≤5%
4. Squelch [W]	Receiving frequency, the channel switch is set to the first 1/2/3 channel	Tester	ANT Speaker Dock		Section 3 can be closed by adjusting the squelch	Section 3 tone squelch
[Narrow]	Receiving frequency, the channel switch is set to the first 1/2/3 channel				Section 5 can be closed by adjusting the squelch	Section 5 tone squelch

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