

# F3400D, F7010, and F52D Series Audio Settings

The F3400, F7010, and F52D series radios offer options for customizing radio audio settings. In the CS-F3400D, CS-F7500, and F52D cloning software, go to **Common** -> **Audio Settings** to access the available audio settings for the radio.

Note: When programming changes to the audio settings, be sure to test the radios thoroughly to ensure that they function as intended.

⊡	Audio Setting				
I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Audio Level				
📮 🔤 Digital	AF Min Level 0				
in malog	AF Max Level 100				
Emergency	Noise Canceller				
	TX Noise Canceller OFF				
🗄 📲 User Interface	RX Noise Canceller OFF				
E Supplemental Function					
E	MIC/VOX				
Audio Setting	Mic Gain 0				
	VOX OFF				
Control Head Setting	VOX Gain <mark>5</mark>				
Common	VOX Delay (Sec) 1.0				
	Equalizer Effect				
	TX 1: Flat [	Edit]			
	RX 1: Flat [	Edit]			

## Audio Level

#### AF Min Level

This sets a minimum audio level when the volume knob is turned completely counter-clockwise. This ensures that the volume cannot be turned all the way down (e.g. when used in noisy environments).

#### AF Max Level

This is the maximum level that you can turn up the volume.

### **Noise Cancellation**

#### **TX Noise Cancellor**

This setting is noise cancelling in the transmit circuit. It attenuates background noise while the radio is transmitting in noisy environments. The choices are **OFF**, **1**, **2**, and **3**.

#### **RX Noise Canceller**

This setting removes audible background noise from received audio signals. The choices are **OFF**, **1**,**2**, and **3**.

Note: If BOTH RX and TX Noise Cancelling are enabled in a fleet, there will be lower audio levels in all communications between radios. Test and approve before implementing.

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### Equalizer

The equalizer can be used to enhance or diminish specific tonal qualities of the talker's voice to add clarity for both transmitting and receiving. There are 6 generalized voice types as options to represent particular voice types. As an example, "High Boost" might be used to add more treble frequencies to a voice that has a very low tone.

The [Edit] field can also be used to customize each voice type per frequency band.



Equalizer Effect Table - No. 2							
Name	180Hz	600Hz	1kHz	1.8kHz	3kHz		
High Boost	-4	-4	0	+4	+4		
					+10		
					+8		
					+6		
					+4		
					+2		
					0		
					-2		
					-4		
					-6		
3 kHz (Equalizer Effe	ect Tab	le)			-8		
• 3 kHz					-10		

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