



**Connector Types:**

1. RCA Phono Male
2. 3-Conductor 3.5mm Phone Plug
3. 3-Conductor 1/4" Phone Plug
4. 2-Conductor 1/4" Phone Plug
5. 3-Conductor 3.5mm Phone Plug  
(Wired for only left channel)
6. 3-Conductor XLR Male Plug
7. 3-Conductor XLF Female Plug

**Notes:**

1. The system shown routes and processes all transmit and receive audio at W3YY.
2. Channel 1 is used as the microphone preamplifier. Use pre-fader aux 2 send to send the amplified microphone signal to audio processor. The output of the audio processor is returned to the Channel 2 line input. Pre-fader aux 1 send is used to send audio to the transmitters. The channel faders control the level of the monitor mix that is heard in the headphones or speakers and is sent to the PC for recording.
3. Isolation transformers shown are part of stereo EBTech Hum Eliminators (HE) or EBTech Line Level Shifters (LLS). The Hum Eliminators have 1:1 windings and the Line Level Shifters have approx 5:1 windings to provide -10dBV to +4dBu conversion. The +4dBu side of the Line Level Shifter is connected to the audio mixer balanced inputs and outputs and the -10dBV side is connected to the unbalanced audio inputs on the transmitters and the unbalanced audio inputs and outputs on the computer.

<b>W3YY - Clifton, Virginia</b>		
TITLE:  <b>W3YY Audio System</b>		
DATE: 06/26/2008	DWG NO: W3YY - 3	REV: C