

9751 Noise Source Manual Update

As this new series of modules has rolled-out, it has been discovered there is a conflict with the panel and manual labeling for the 9751 module. The panel graphic representations for the Red and Blue outputs are in each others place and the manual descriptions of Treble and Bass responses follow suit.

The panel graphics represent slopes in the frequency content of the noise and the one for the Red output should be shown as a downward slope. The one for the Blue output should be shown as an upward slope. The manual should show the Red output as Bass and the Blue output as Treble.

Please reference the details below when using the Red and Blue outputs.

Also related, the surface-mounted C17 is not in place on this board and instead, three capacitors provided with one being installed at the designation C9 Do Not Install (DNI). The low-pass corner frequency for the three parts are as follows:

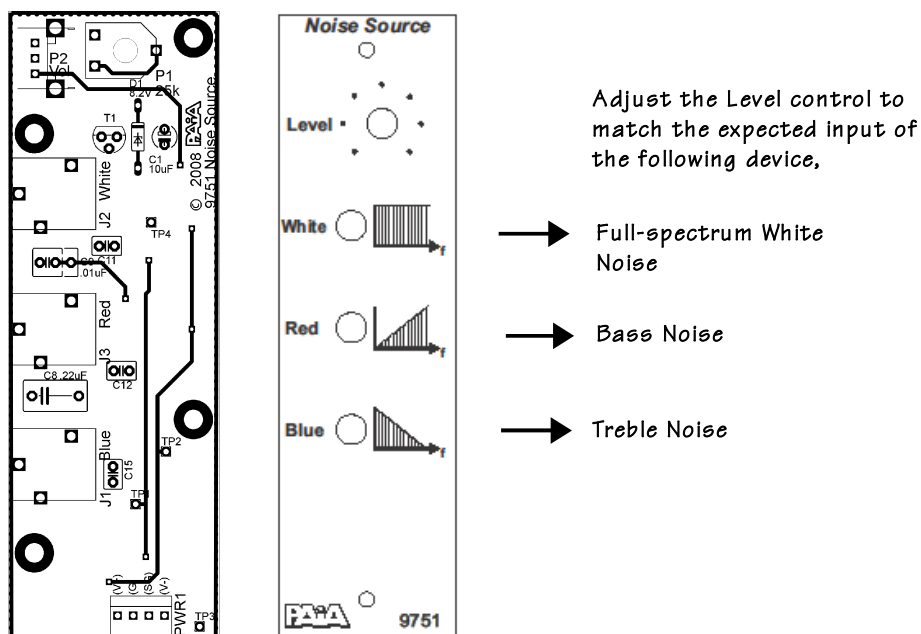
101 marked 100pF 20KHz

102 marked 0.001uF (1nF) 2KHz

104 marked 0.1uF (100nF) 300Hz

The output voltage drops with the lower cut-offs and is adjustable to 10V with the first two, but for the third, gain is needed for the full output (Preamplifier, Inverter/Gain stage, Mixer w/Gain, etc.)

() Install the selected capacitor at the C9 location with one leg in the single hole and the other in either dual hole (the two legs are separated by the capacitor plate symbol).



Technical Bulletins / Assembly Notes: <http://www.paia.com/talk/viewforum.php?f=7>

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