

Q140 Fixed Filter Bank Aid

May 2002

The Q140 Fixed Filter Bank Aid is designed to be used beside the Q127 Fixed Filter Bank to provide individual outputs for each filter section. Each output is attenuated by 75%.

Specifications

Panel Size: Single width 2.125" w x 8.75" h.

Maximum Output Voltage Levels: 10V PP.

Power: None.

Calibration and Testing

No calibration is required for this module.

1. Apply a 10V PP 125Hz sine wave into the Q127 Filter Fixed Bank's input.
2. Turn the 125Hz knob to 10, all others to 0.
3. The 125Hz output on the Q140 aid module will produce a 2.5V PP sine wave.
4. Perform this same test on all bandpass stages.
5. The lowpass stage will have additional attenuation at 88Hz.
5. The highpass stage will have additional attenuation at 7kHz.

Installation

The Q140 aid module normally mounts to the right side of the Q127 filter bank. Wires from the Q140 connect to the Q127's circuit board. Use the circuit board diagram below as a guide.



Q127 FILTER BANK

