



The SC-88 uses state-variable filter circuits to perform the frequency divisions. These filters provide simultaneous low-pass and high-pass outputs. Three filters are cascaded for four-way operation. Inverters are included on alternate outputs to keep everything in-phase. A "Q" adjustment (called rolloff) is included for adjustment of frequency response in the crossover region. This allows flat summing and in-phase outputs.

The output stages have a wide range gain adjustment with a special feedback level control circuit to maintain an optimum signal-to-noise ratio at any setting.

A special electronic power monitor for the output stages prevents turn-on transients without the use of relays.

Both inputs and outputs can be used as balanced or unbalanced and a peak overload circuit monitors all critical points in the circuit to insure low-distortion operation.

SPECIFICATIONS:

Input gain:	-∞ - +10dB
Crossover frequencies:	16Hz-800Hz, 160Hz-8kHz, 480Hz-24kHz
Slope:	12dB/OCT.
Rolloff:	1.5dB-12dB (crossover point depth)
Output gain:	-∞ - +20dB
Input impedance:	10k Ω balanced bridging
Output impedance:	50 Ω unbalanced-terminate with 600 Ω or more
Max. in-out level:	+20dBV
Frequency response:	\pm .5dB 20Hz-20kHz (within passband)
Distortion:	<.05% THD, +10dBV 20Hz-20kHz
Hum and Noise:	-90dBV
Power:	120 VAC, 50-60Hz, 5W.
Shipping Weight:	10 lbs