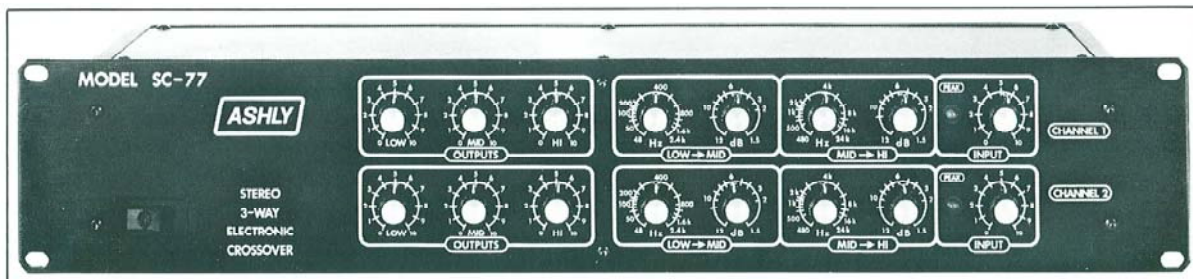


ASHLY

ASHLY AUDIO, INC.

STEREO 3-WAY ELECTRONIC CROSSOVER

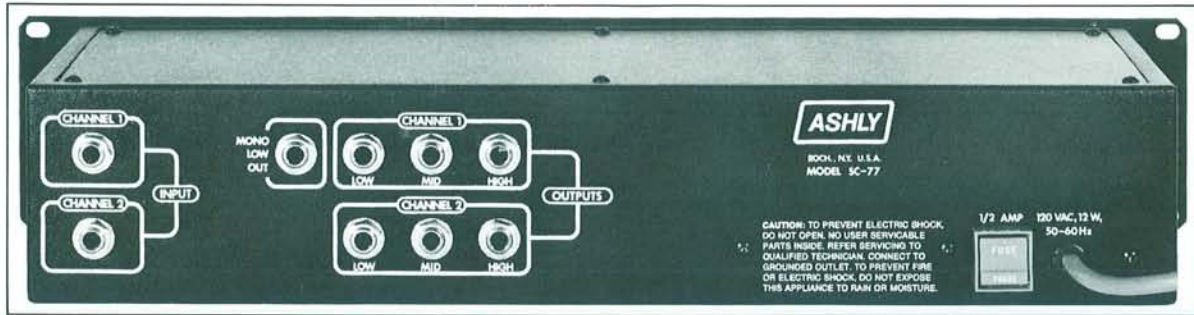
SC77



The SC-77 Stereo Three-Way Electronic Crossover is designed to fill the needs of modern high power sound systems. Crossover points and rolloff are continuously adjustable and individual output stages with wide range gain adjustments will drive long cable runs and accurately match any power amplifiers.

FEATURES:

- 12 dB per octave slopes
- Logical control layout
- Both the inputs and outputs can be used balanced or unbalanced
- Flat summing
- Rugged 16 gauge steel chassis
- Peak overload warning lights
- In-phase outputs
- Our exclusive rolloff control to flatten frequency response at the crossover point
- Optional 5-way mono operation

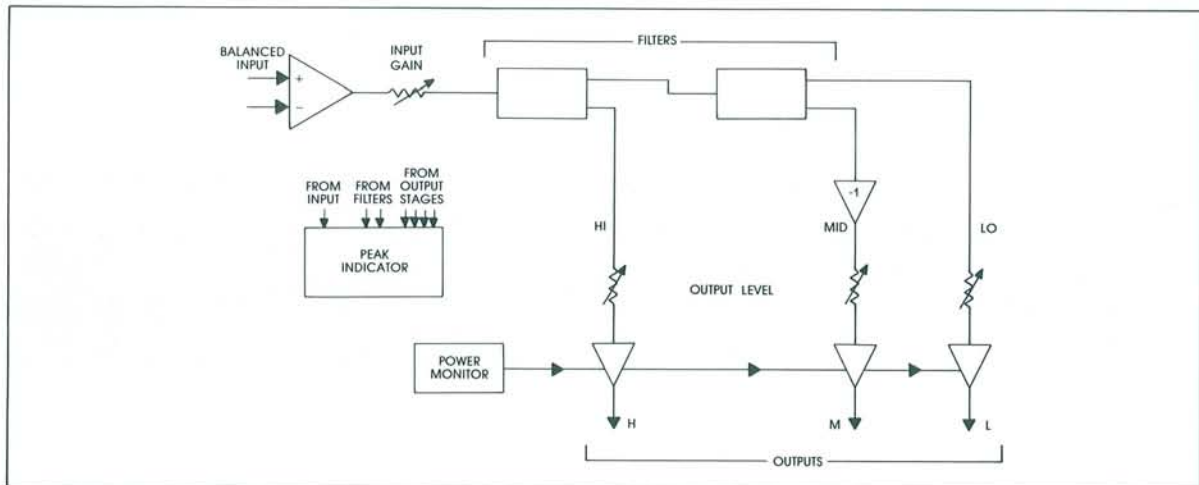


The SC-77 uses state variable filter circuits to perform the frequency divisions. These filters provide simultaneous low-pass and high-pass outputs. Two filters are cascaded for three-way operation. Inverters are included on the mid outputs to keep everything in-phase. A "Q" adjustment (called rolloff) is included for adjustment of frequency response in the cross-over 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:

CONTROLS
 Input level - ∞ - +10dB
 crossover frequencies 48Hz-2.4kHz 480Hz-24kHz
 rolloff 1.5dB-12dB
 (crossover point depth)
 output level - ∞ - +20dB
INPUT IMPEDANCE 10k Ω balanced bridging
OUTPUT IMPEDANCE 50 Ω unbalanced - terminate
 with 600 Ω or more.
 Turn on transient protected.
MAX. IN-OUT LEVEL +20dBm

FREQUENCY RESPONSE ± 5 dB 20Hz-20kHz (within
 passband)
DISTORTION < .05% THD, +10dBV
 20Hz-20kHz
HUM AND NOISE -90dBV
 (all outputs) input and all outputs unity
 gain, frequency and rolloff
 at center rotation.
POWER 120 VAC, 50-60Hz, 5W
SIZE 19"L x 3 1/2"H x 6"D
SHIPPING WEIGHT 10 lbs.