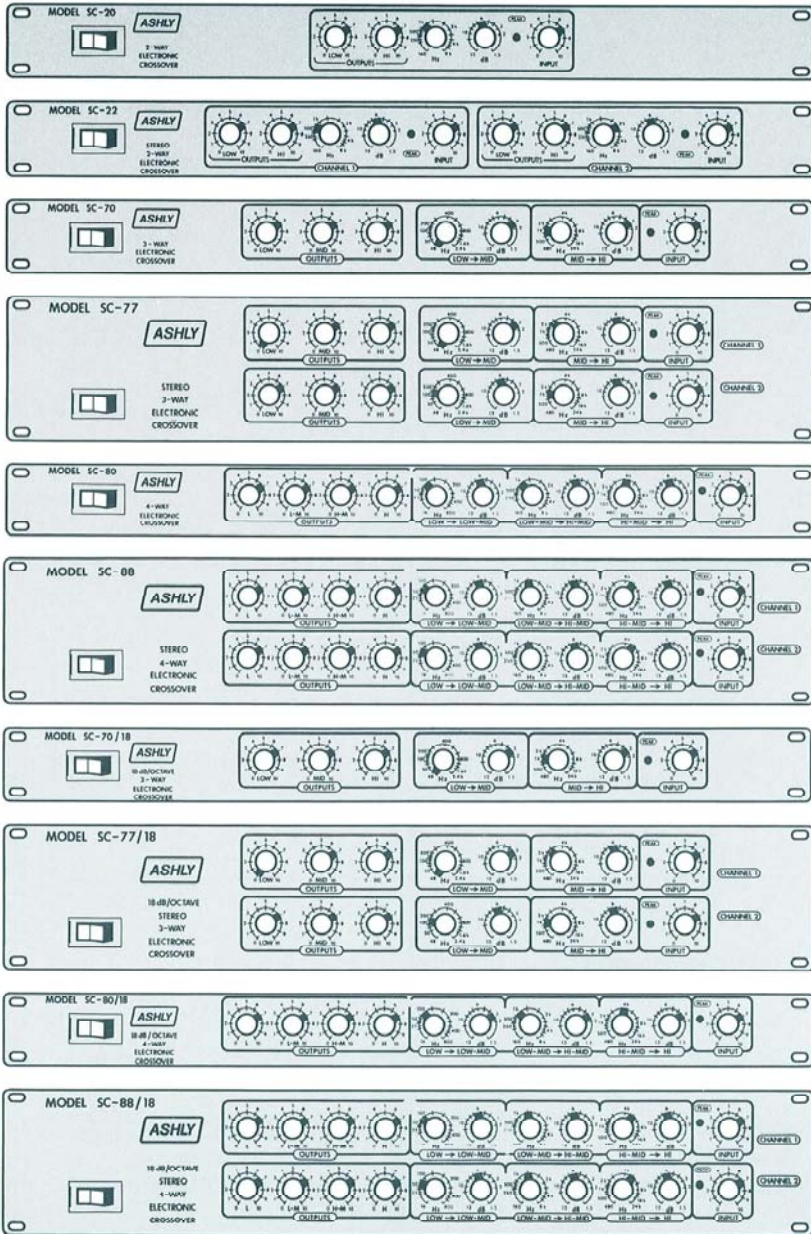




ASHLY AUDIO, INC.

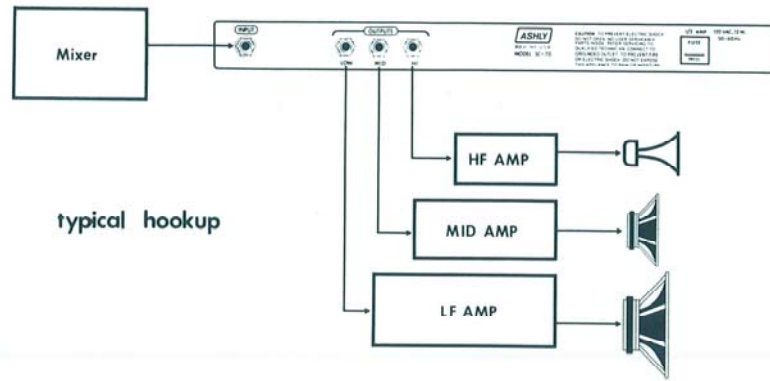
ELECTRONIC CROSSOVERS



FEATURES:

- Available in both 12 db and 18 db per octave slopes
- Inputs and outputs that can be used as balanced or un-balanced
- Our exclusive rolloff control to flatten frequency response at the crossover point
- Flat summing
- Peak overload warning lights
- Logical control layout
- Rugged 16 gauge steel chassis
- Tamper proof security covers are available as an option

The Ashly Audio Series of Electronic Crossovers are 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.



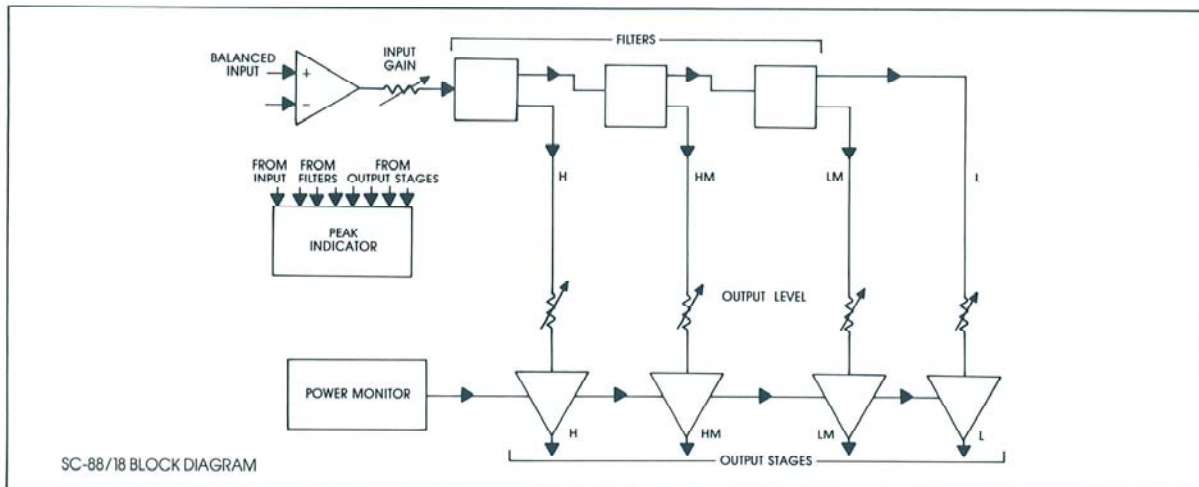
All Ashly Audio Electronic Crossovers use state-variable filter circuits to perform the frequency divisions. These filters provide simultaneous low-pass and high-pass outputs. All models with 12 db per octave slopes include inverters on alternate outputs to keep everything in-phase.

A "Q" adjustment (called rolloff) is included for adjustment of frequency response in the crossover region. This allows flat summing.

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
 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 \pm .5dB 20Hz-20kHz (within passband)
DISTORTION < .05% THD, +10dBV 20Hz-20kHz
HUM AND NOISE (all outputs) -90dBV
 input and all outputs unity gain, frequency and rolloff at center rotation.
POWER 120 VAC, 50-60Hz, 5W