

TDM

A U D I O

Electronic Crossovers

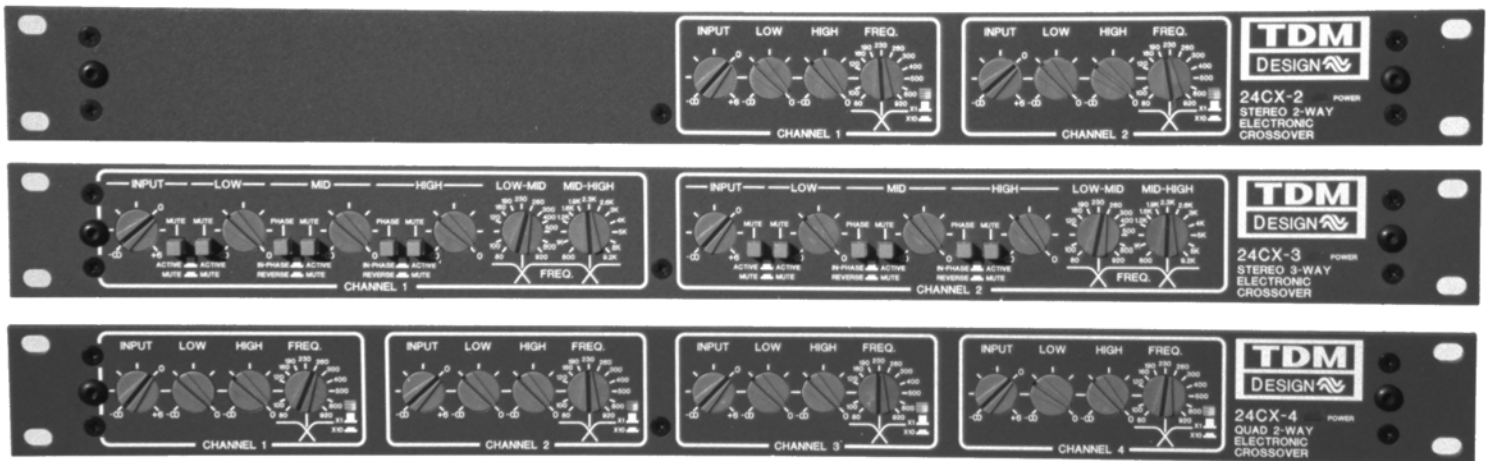
24CX-2 XLR

24CX-3 XLR

24CX-4 XLR

FEATURES:

- 24DB per octave crossover slopes for greater driver protection.
- 4th order State Variable Linkwitz-Riley Filter design.
- Flat summed electrical response throughout the crossover region.
- Optional low summing.
- Balanced or Unbalanced inputs and outputs.
- High slew-rate, low noise circuitry for excellent sound quality.
- Built-in Constant Directivity horn equalization.
- Inegral security cover.
- Optional Adjustable limiters on all outputs.
- Insertion connector on each output for option cards.



TDM Design's 24CX-2/3/4 electronic crossovers represent the latest in state-of-the-art design and manufacturing technology. Innovative electrical and mechanical design concepts and implementation have resulted in a product of superior performance expected of units selling up to several times the 24CX-2/3/4 price.

Flat summed response of the low and high frequency outputs of the 4th order Linkwitz-Riley crossover is made possible by using precision 2% metal oxide film resistors, selected capacitors, and the industry's only precision matched and selected 1% four-gang Frequency Range potentiometer.

High Slew-Rate, Low Noise operational amplifiers guarantee the finest in sound quality and overall electrical performance

Excellence in design, however, does not stop with the electrical circuitry because the modular setup gives the greatest flexibility possible. Each filter section can be used independently or combined with any of the other sections. An example would be using a 24CX-4 to run a mono 3-way main speaker system and two independent Biamped monitor speakers.

The Model 24CX-2/3/4 is a system designed product. You can use it either in a balanced or unbalanced mode or in any combination thereof. A built-in constant directivity horn equalization circuit can be activated on any of the high outputs. All outputs have an internal insertion connector to allow the use of a filter, delay, or special equalization circuit.

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