

Product Model

FIR-SERIES



FIR-SERIES - PRODUCT FEATURES

The FIR Series allows gain, delay, and filtering control of each input (you can set each filter to be a parametric filter or high/low pass filter). You can set the crossover frequency of each output and assign any input or combination of inputs. Additionally, you can program filters for each (you can choose each filter to be a parametric filter or a high/low pass filter), adjust delay time and output gain, invert phase, and control/limiter to protect the loudspeaker system. The processor has a standard 1-rack space form factor with XLR connectors for input and output. The FIR is a powerful tool for fixed installation and live sound reinforcement systems.

FIR-SERIES - TECHNICAL PARAMETERS

- 1U rack space
- Can specify any input to output
- With frequency division, equalization, delay and amplitude limiting functions
- with RECTANGULAR, TAPERED RECTANG, TRIANGULAR, HANNING, HAMMING, BLACKMAN, KAISER, WITZ-RILEY, BESSEL and BUTTERWORTH filters
- The filter slopes are 12, 18, 24, and 48 dB/octave, respectively.
- Parametric equalizer: band-pass, 1/64 to 4 octave range
- Input and output gain range: 15/-40DB, incrementing by 0.1DB
- Input and output gain polarity: 0 or 180 degrees
- Input and output phase shift: 1st order 90 degrees or 2nd order 180 degrees (EQ category optional)
- Intuitive user interface
- Programmable via panel, PC or 485
- Compatible with network link control, dedicated input and output level meters-Balanced input and output XLR audio signal connectors
- Supports cascaded control of 100 units
- input
 - Maximum input level 15DBU
 - Maximum output level 15DBU
 - Input/output maximum delay output maximum delay 650 MS incremental
 - Processor input A/D 32 BIT
 - The processor outputs D/A 32 BIT.
 - Process de-sampling rate 96KHZ