

VSX™ 48e DSP-based Loudspeaker Management System



OVERVIEW

The VSXe processors are DSP-based, loudspeaker management systems that boast a 96kHz sample rate and a floating point DSP processor for quiet accurate filter response. The crossover filters are fully adjustable and any input can be routed to any output. The VSX® Editor Program for PC allows complete remote setup and operation via the front panel USB port or by the rear panel Ethernet network connection. Files can also be saved and loaded using this interface software.

FEATURES

- Balanced Inputs: VSX 48e 4
- 4 XLR balanced inputs and 8 XLR balanced outputs VSXe 48
- Maximum input and output level +20 dBu, XLR balanced inputs and outputs
- Frequency response 20 Hz to 20 kHz +0, -1 dB
- 5 segment LED meters with limit indication on each output
- Every input features Gain, Mute, HP and LP filters, 8 bands of PEQ, polarity and Delay (680 mS)
- Security lock
- Dynamic range input to output greater than 109 dB (A-weighted) or 107 dB (unweighted)
- USB B port for setup and control
- 24 bit Delta-Sigma A/D and D/A converters
- Every output features: 9 bands of PEQ, gain, compressor/limiter, polarity, Delay (680 mS), mute, and crossover/band-pass filters
- Ethernet port for setup and control
- Channels can be linked for simplified stereo operation
- 96 kHz Sample rate
- Signal generator (sine, white noise, pink noise)
- PC Editor Programs allow complete remote setup and operation via USB or Ethernet
- Crossover/Band-pass filters feature Butterworth, Bessel or Linkwitz-Riley alignments from 1st order (6 dB/Oct) to 8th order (48 dB/Oct)
- Balanced Outputs: VSX 48e 8
- EQ filter types include: PEQ, Low-Shelf, Hi-Shelf, Low-Pass, High-Pass, All-Pass1 and All-Pass2

- 5 segment LED meters on each input
- THD+N < 0.01% at 1 kHz
- Weight Unpacked: 5.80 lb(2.63 kg)
- Weight Packed: 7.72 lb(3.5 kg)
- Width Packed: 11.69"(29.6926 cm)
- Height Packed: 21.14"(53.6956 cm)
- Depth Packed: 4.9"(12.446 cm)