



V-DSP:LM-48F

LOUDSPEAKER MANAGEMENT

DESCRIPTIONS

The V-DSP : LM-48F Loudspeaker Management by VL Audio, With FIR linear phase technology and Function, easy to use. The V-DSP : LM-48F Ideal for a wide range of Crossover digital beginner, It delivers everything you need to professionally optimise loudspeaker systems.

FEATURE

- Analog 4 Input 8 Output
- Digital AES/EBU 1 input 1 Output
- DSP Processor 40-Bit
- Sampling Rate 96kHz
- 24-Bit AD/DA Converter
- FIR Total 13,312Tap
- Limiter Calculate
- SUM Output
- 20 User Preset
- Control port USB, RS232/485, Ethernet



TECHNICAL SPECIFICATION

SPECIFICATIONS (Firmware V.1.2)

Frequency Response	20Hz - 20kHz
Signal to Noise Ratio(S/N)	>115dBu
Total Harmonic Distortion(THD)	<0.005@1kHz(0dBu)

INPUT PROCESSING

Input Connector	4 XLR
Maximum Input	+18dB
Impedance	1MΩ(Stereo)/500k(Mono)
Gain	-60dB to +12dB
PEQ	14 Band
PEQ Type	Peak, L-Shelf, H-Shelf, Low-Cut High-Cut, Allpass1, Allpass2
Delay	0 to 680ms
FIR Maximum Per Input	2,048Tap

OUTPUT PROCESSING

Output connector	8 XLR
Maximum Input	+18dB
Impedance	<500kΩ
Crossover Mode	IIR, FIR, IIR+FIR
IIR Type	Butterworth, Bessel, Linkwitz-Riley
FIR Maximum per output	1,024Tap
Gain	-60dB to +12dB
Compressor	RMS Compressor
Limiter	Peak Limiter
PEQ	6 Band
PEQ Type	Peak, L-Shelf, H-Shelf, Low-Cut, High-cut, Allpass1, Allpass2
Delay	0 to 680mS

SIZE

Height	44mm(1U)
Width	483mm
Depth	243mm
Weight	2.8kg

