

V-DSP LM-26F

DESCRIPTION

- 40bit DSP processor, 96kHz sampling rate, 24-bit AD/DA convert.
- Input processing includes 8PEQ, FIR phase EQ processing, Gain, Mute, Phase, Delay Link.
- Output processing includes IIR and FIR Crossover filter, 7PEQ, Gain, Mute, RMS Limiter Peak limiter, Phase, Delay, Link.
- Support digital input and output function, with AES/EBU input and output channel, adopt XLR connection.
- Adjustable PEQ Gain, Bandwidth and Frequency for all channels, we can choose style: Peak, L-shelf, H-shelf, Low-cut, High-cut, ALLPASS1, ALLPASS2.
- All the input and output channel with independent phase curve adjust function, PEQ style choose ALLPASS1 is 180° curve adjust, ALLPASS2 is 360° curve adjust.
- IIR crossover filter type can be select : Butterworth, Linkwitz- Riley
- Total summation all Input and output 5120 Taps asymmetric FIR filter for system phase correction
- All input channels with independent 2048 Taps asymmetric FIR filter for system phase correction, equalization and frequency division processing, perfect compatible with third-party application data import.
- All output channels with independent 1024Taps asymmetric FIR filter for system phase correction, equalization and frequency division processing, perfect compatible with third-party application data import. divider mode selection, frequency, type and TAPS optional.
- Output compressor threshold, soft knee, ratio, attack time, release time continuously adjustable. independent peak limiter function, threshold, attack time and release time continuously adjustable.
- Maximal delay time 680ms for all input/output channels.
- Parameter settings can copy for every single channel, every channel can do link adjust,
- Inside single generator (pink, white noise and 20~20K sine wave, amplitude adjustable).
- Front panel has high-precision level indicator, channel editing key, mute key, mean menu key, parameter coding and USB control port, 1AES input connector and 1AES output connector button connection easy for user's operations.
- 20 user presets, each preset can be save and recall, device parameters can be uploaded and downloaded, maximal 255 unit can be link together via ID settings. Password protection function for high level application.



FEATURES

System Specification	Frequency Response	20Hz~20kHz, -0.3dBu
	S/N Ratio	>115 dBu
	Distortion (THD)	<0.005at1kHz (0dBu)
	Distortion (THD)	<100dB below full scale
Input Section	Type	Balanced XLR
	Max. Input Level	+18dBu
	Impedance	1M/ Ω Stereo; 500k Ω /MONO
Output Section	Type	Balanced XLR
	Max. Output Level (bypass)	+18dBu
	Impedance	<500 Ω
Output Section	24-bit sigma - delta converters	
	96kHz Sampling Rates	
Display	Dot matrix screen display For Parameters Setting And Function Select	
Power Supply	AC~95V-240V FUSE 250VAC/2A FAST	
Dimension (LxWxH)	48.2x24.7x4.4CM	
Weight	2.7kg	