

DSP-4800

Professional Digital Signal Processor System



조달청 등록업체/벤처기업등록
ISO9001, 14001인증/정보통신공사업등록



FEATURE

- 4 In / 8 Out Digital Signal Processor
- 24비트, 48KHz Delta-Sigma A/D 컨버터
- 30개의 Preset Memory 기능
- 섬세하고 정확한 파라미터 (Crossover, Gain, EQ, Delay, Compressor, Limiter) 기능
- 동작 상태를 쉽게 확인할 수 있는 5단계 LED 표시기
- 1개의 USB PORT와 RS-232 DATA PORT
- 수동 운용시에도 휠 스위치와 LCD 창을 이용하여 쉽게 컨트롤
- 전용 소프트웨어 제공

SPECIFICATION

※ 본 기술서는 제품의 성능 향상을 위하여 사전 통보 없이 변경 될 수 있습니다.

EQUALIZER SYSTEM			
Input	Active Balanced, 18K Ω		24dB/Oct Butterworth, 24dB/Oct Bessel, 24dB/Oct Linkwitz-Riley
Max. Input Level	+20dBu		48dB/Oct Butterworth, 48dB/Oct Bessel, 48dB/Oct Linkwitz-Riley
Input Gain Range	-40dB to +12dB	Limiter	
Output	Active Balanced, 112 Ω	Threshold Range	-20dBu to +20dBu
Max. Output Level	+20dBu	Ratio Range	1.2:1 to INF:1
Output Gain Range	-40dB to +12dB	Attack Time Range	0.5ms to 50ms
EQ		Release Time Range	10ms to 1 Second
EQ Filter types	1st or 2nd Order High or Low Shelf, Parametric	Frequency Response	20Hz to 20kHz, ± 0.25 dB
Shelving Filter Boost/Cut Range	± 15 dB	THD	<0.01% @ 1kHz, ± 20 dBu
Shelving Filter Frequency Range	Low Shelf 19.7Hz to 2kHz, High Shelf 3.8kHz to 21.9kHz	Dynamic Range	>110dB 20Hz - 20kHz unweighted
Parametric Filter Boost/Cut Range	± 15 dB/-30dB	Audio Sampling Rate	48kHz
Parametric Filter Frequency Range	19.7Hz to 2kHz, 1/24 Octave Steps	Propagation Delay	1.46ms
Parametric Filter Bandwidth	Four Octaves to 1/64 Octaves	Signal LEDs & Clip	Inputs : -20/Mute, -10, 0, +10, Clip (dBu or VU)
Input and Output Delay	0-682 milliseconds		Outputs : -20/Mute, -10, 0, Limit Threshold, Clip (dBu or VU)
Crossover		AC Requirements	AC 220V 60Hz
HPF and LPF Frequency Range	19.7Hz to 21.9kHz, Off	Environmental	40°F - 120°F (4°C - 49°C) Non-condensing
Available Filter Types	12dB/Oct Butterworth, 12dB/Oct Bessel, 12dB/Oct Linkwitz-Riley	Dimensions(W×H×D)	483×44×216mm
	18dB/Oct Bessel, 18dB/Oct Linkwitz-Riley	Weight	4.08kg