



DSP-4080



DESCRIPTION

The DSP-4080 is a powerful DSP based audio processor, ideally suited for install and live applications, where it combines the functions of a multitud of conventional products in a compact unit.

KEY FEATURES

- Digital Signal Processor 4 inputs and 8 outputs
- 9 full bandwidth parametric bands per output
- 8 full bandwidth parametric bands per input
- 48 dB/oct crossover filters on each output
- Adjustable gain on both inputs and outputs
- RS232 and RS485 ports
- Remote control via AudioCore and DASnet™

APPLICATIONS

- House of worship
- Theatres, auditoria and performing arts centers
- Live music clubs
- Corporate A/V
- Live sound touring/Rental services

SPECIFICATIONS

Electronics and Connectors

CMRR	>65dB, 50 Hz to 10 kHz
Frequency Response	20 Hz - 20 kHz +/- 0.5 dB; -3dB @32 Hz
Total Harmonic Distortion	<0.02% @ 1kHz +18dBm
Sampling Rate	96 kHz
Crossover Filters	6, 12, 18, 24, 48 dB/oct Bessel, Butterworth, Linkwitz-Riley
Limiter Attack Time	Variable
Limiter Release Time	Variable
Limiter Threshold	+22 dBu to -10 dBu
Maximum Delay	650 ms
Maximum Output Level	+20 dBm into 600 ohms
Output Gain	+15 dB to -40dB in 1 step
Operating Range	60-240 VAC
Audio Signal Input Connector	4 x Female XLR RS485 In/Out XLRs RS232 9 Pin (Female) D Connector
Audio Signal Output Connector	8 x Male XLR
Certification Number	CB GB-6949-Z/M1

Dimensions-Weight

Dimensions (H x W x D)	44 x 482 x 300 mm 1,7 x 19,0 x 11,8 in
Net Weight	3,3 kg (7,3 lb)



Shipping

Carton Dimensions (H x W x D) 110 x 530 x 450 mm
4,3 x 20,9 x 17,7 in

Shipping Weight 4,5 kg (9,9 lb)

ORDERING INFORMATION

Performance

Model	Description	P/N
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System

DSP-4080		11105060
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DIMENSIONS

