

Extron

Specifications

DMP 44 xi

Audio system

Gain	Balanced output: 0 dB, unbalanced output: -6 dB
Frequency response	20 Hz to 20 kHz, ± 0.3 dB
THD + Noise	<0.01%, 20 Hz to 20 kHz, at maximum balanced output (unweighted)
S/N	
Analog In to Analog Out	>100 dB, 20 Hz to 20 kHz, at maximum balanced output (unweighted)
Crosstalk	<-90 dB @ 20 Hz to 20 kHz, fully loaded
Output attenuation	-100 dB to 0 dB (control 0 to 100 in 0.1 dB steps)

Audio input

Number/signal type	4 mono line, balanced/unbalanced
Connectors	(2) 3.5 mm captive screw, 6 pole mono, balanced/unbalanced
Impedance	>10k ohms balanced/unbalanced
Nominal level	+4 dBu when level is set to 0 dB gain; adjustable from -60 dBu to +4 dBu
Maximum level	+21 dBu (at rated THD + N) when input gain is set to 0 dB
Equivalent input noise	<-120 dBV (1 μ Vrms) at 40 dB input gain
Input gain adjustment	-18 dB to +24 dB, 0.1 dB steps, adjustable per input
CMRR	>65 dB typical

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV $\approx$ 2 dBu

Audio output

Number/signal type	4 mono (or 2 stereo), line level, balanced/unbalanced
Connector	(2) 3.5 mm captive screw, 6 pole, mono, balanced/unbalanced
Impedance	100 ohms with balanced or 50 ohms with unbalanced
Gain error	± 0.1 dB channel to channel
Maximum level (Hi-Z)	>+21 dBu balanced, >+15 dBu unbalanced

Audio processing

A/D, D/A conversion	24-bit, 48 kHz
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Control/remote

Serial host control port	1 bidirectional RS-232, 3.5 mm captive screw, 3 pole
Baud rate and protocol	38400 baud, 8 data bits, 1 stop bit, no parity
Pin configuration	1 = Tx, 2 = Rx, 3 = G
USB control port	1 front panel USB-C
Protocol	USB 2.0, low speed
Digital inputs	3.5 mm captive screw, 6 pole
Software programmable	
Pin configuration	1 = In, 2 = In, 3 = In, 4 = In, 5 = +, 6 = G
Input voltage range	0 to 24 VDC, clamped at +30 VDC
Inputs impedance	>10k ohms
Programmable pullup	1k ohms to +5 VDC
Threshold low to high	2.8 VDC
Threshold high to low	2.0 VDC
Program control	Extron control/configuration program for Windows® Extron Simple Instruction Set (SIS™)

Specifications • DMP 44 xi (Continued)

General

Power supply	External
	Input: 100-240 VAC, 50-60 Hz
	Output: 12 VDC, 0.5 A, 6.0 watts
Power input requirements.....	12 VDC
Power supply (PS 1205 C)	
Device.....	4.2 watts
Device and power supply .	5.0 watts
Thermal dissipation	
Power supply (PS 1205 C)	
Device.....	11.7 BTU/Hr
Device and power supply	14.4 BTU/Hr
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
	Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling.....	Convection, no vents
Mounting	
Rack mount	Yes, with optional 1U high rack shelf
Furniture mountt	Yes, with optional under-desk mounting kit
Enclosure type	Metal
Enclosure dimensions.....	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide)
	(4.3 cm H x 10.9 cm W x 7.6 cm D)
	(Depth excludes connectors)
Product weight	0.5 lbs (0.2 kg)
Regulatory compliance	CE, C-tick, c-UL, UL, FCC Class A, ICES, KCC, VCCI, RoHS, WEEE
Product warranty.....	3 years parts and labor
Everlast power supply warranty	7 years parts and labor

NOTE: All nominal levels are at ±10%.
Specifications are subject to change without notice.

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