

Specifications

DMP 64

Audio system

Gain.....	Unbalanced output: -6 dB; balanced output: 0 dB
Frequency response	20 Hz to 20 kHz, ± 0.1 dB
THD + Noise	<0.02% @ 1 kHz, at maximum output level
S/N	>105 dB, 20 Hz to 20 kHz, at maximum output, unweighted
Crosstalk	<-90 dB @ 1 kHz, fully loaded
CMRR.....	>70 dB @ 1 kHz

Audio input

Number/signal type.....	6 mono, mic/line, balanced/unbalanced
Connector.....	(6) 3.5 mm captive screw connectors, 3 pole
Impedance.....	>10k ohms unbalanced/balanced
Nominal level.....	+4 dBu when level is set to 0 dB gain; adjustable from -60 dBu to +4 dBu
Maximum level	+24 dBu, balanced, when input gain is set to -3 dB
Noise level	<-120 dBV (1 μ Vrms) at 40 dB gain
Volume range.....	-18 dB to +80 dB, mic/line input, adjustable per input
Mic phantom power.....	+48 VDC, which can be switched on or off

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

Audio processing

A/D, D/A conversion	24 bit, 48 kHz sampling
---------------------------	-------------------------

Audio output

Number/signal type.....	4 mono, balanced/unbalanced
Connectors	(4) 3.5 mm captive screw connectors, 3 pole
Impedance.....	50 ohms unbalanced, 100 ohms balanced
Gain error.....	± 0.1 dB channel to channel
Maximum level (Hi-Z).....	>+21 dBu balanced, >+15 dBu unbalanced

Control/remote

Serial host control port.....	2 bidirectional RS-232, 3.5 mm captive screw connector, 3 pole
Baud rate and protocol	38400 baud, 8 data bits, 1 stop bit, no parity
Serial control pin configuration	1 = Tx, 2 = Rx, 3 = Gnd
USB control ports	1 front panel female mini USB B
USB standards	USB 2.0, low speed
Digital I/O	(2) 3.5 mm captive screw connectors, 4 pole
	Each port shares a common ground
	6 configurable digital I/O ports
	Input voltage range = 0V to +12V
	Output voltage = 0V (low), 5V (high)
	Software programmable
Ethernet host port	1 RJ-45 female
Ethernet data rate	10/100Base-T, half/full duplex with autodetect

Specification • DMP 64 (Continued)

Ethernet default settings	Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Default gateway = 0.0.0.0 DHCP = off
Web server	Up to 200 simultaneous sessions 6.5 MB nonvolatile user memory
Program control	Extron control/configuration program for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, Telnet

General

Power input requirements	12 VDC
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 Watts
Power consumption	
Device	13.5 W
Device and power supply	16.2 W
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
Thermal dissipation	
Device	45.8 BTU/HR
Device and power supply	55.2 BTU/HR
Mounting	
Rack mount	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional under-desk mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 8.75" W x 9.5" D (1U high, half rack wide) (4.3 cm H x 22.2 cm W x 24.1 cm D) (Depth excludes connectors)
Product weight	1.9 lbs (0.9 kg)
Regulatory compliance	CE, C-tick, c-UL, FCC Class A, ICES, RoHS, UL, VCCI, WEEE, KC
Warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

5805-D9