

Specifications

DMP 128

Audio system

Gain.....	Unbalanced output: -6 dB; balanced output: 0 dB
Frequency response	20 Hz to 20 kHz, ± 0.2 dB
THD + Noise.....	<0.01%, 20 Hz to 20 kHz, at maximum level
S/N.....	>105 dB, 20 Hz to 20 kHz, at maximum balanced output, unweighted
Crosstalk	<-90 dB @ 20 Hz to 20 kHz, fully loaded
Volume control.....	-100 dB to 0 dB (control 0 to 100 in 1 dB steps)

Audio input

Number/signal type.....	8 mono, mic/line, balanced/unbalanced (with phantom power)
Connector.....	(8) 3.5 mm captive screw connectors, 3 pole
Number/signal type.....	4 mono, mic/line, balanced/unbalanced (without phantom power)
Connector.....	(2) 3.5 mm captive screw connectors, 6 pole
Impedance.....	>10k ohms unbalanced/balanced
Nominal level.....	-60 dBV, +4 dBu, -10 dBV adjustable via input gain
Maximum level	+21 dBu at rated THD+N when mic gain is set to 0 dB
Equivalent input noise	<-120 dBV (1 μ Vrms) at 40 dB input gain
CMRR.....	>60 dB typical
Input gain adjustment.....	-18 dB to +80 dB in 0.1 dB steps, adjustable per input
DC phantom power	+48 VDC, $\pm 10\%$ (inputs 1-8) can be switched on or off

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

Audio output

Number/signal type.....	8 mono, (or 4 stereo) balanced/unbalanced
Connectors.....	(4) 3.5 mm captive screw connectors, 6 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

Audio processing

A/D, D/A conversion	24 bit, 48 kHz sampling
AEC tail length	>200 msec
AEC convergence	up to 60 dB/sec
Noise cancellation.....	up to 20dB, software selectable

EXP port

Transmission type	Proprietary
Connectors.....	(1) RJ-45 connector
Inputs	16 channels Rx
Outputs	16 channels Tx
Audio format	24 bit, 48 kHz sampling, uncompressed
EXP cable	Shielded CAT6 up to 10 meters (1 foot cable included)

Telephone ports (DMP 128 C P and DMP 128 C P AT only)

Frequency response	300 to 3200 Hz
Input gain.....	-18 to +20 dB in 0.1 dB steps, software adjustable
Off hook loop current	10 mA (minimum)
Output gain.....	-100 to 0 dB in 0.1 dB steps, software adjustable
Dynamic range.....	>60 dB, "A" weighted
Country codes	USA, Canada, Europe, Australia, Japan, Singapore, United Arab Emirates

AT ports (DMP 128 AT models only) – audio transport

Transmission type	Dante/AES-67, software selectable
Connectors.....	(4) RJ-45 connectors, 4-port 1 Gbps switch to Dante Interface
Inputs	56 channels Rx
Outputs	24 channels Tx
Audio format	24 bit, 48 kHz sampling, uncompressed
Latency.....	Deterministic, based on user selections: 0.25 ms, 0.5 ms, 1.0 ms (default), 2.0 ms, 5.0 ms

Control/remote

Serial host control port.....	1 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.....	(4) 3.5 mm captive screw connectors, 6 pole Each port shares a common ground 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
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	Internal Input: 100-240 VAC, 50-60 Hz
Power input requirements	28 watts
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	DMP 128: Convection All other models: Fan, right to left
Mounting	
Rack mount.....	Yes, with included brackets
Furniture mount.....	Yes, with optional under-desk mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 17.4" W x 9.5" D (1U high, full rack wide) (4.3 cm H x 44.2 cm W x 24.1 cm D) (Depth excludes connectors.)

Product weight	2.8 lbs (1.3 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC.....	CE, C-tick, FCC Class A, ICES, VCCI
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Warranty	3 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

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

051017_D8