

Specifications

XMP 240 C AT

Audio system

Gain.....	Balanced output: 0 dB, unbalanced output: -6 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	
Digital In to Digital Out	115 dB, 20 Hz to 20 kHz, at full-scale output (unweighted)
Crosstalk	<-90 dB @ 20 Hz to 20 kHz, fully loaded
Volume control	-100 dB to 0 dB (control 0 to 100 in 0.1 dB steps)

Audio processing

AEC tail length	>200 msec
AEC convergence	Up to 60 dB/sec
Noise cancellation	Up to 20 dB, software selectable

EXP port

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

AT ports — audio transport

Transmission	Dante/AES-67, software selectable
Connectors	2 RJ-45, 2-port 1 Gbps switch to Dante interface
Inputs	48 channels Rx
Outputs	48 channels Tx
Audio format	Uncompressed, 24-bit, 48 kHz
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, 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 mini-B
USB standards	USB 2.0, high speed
Ethernet host port.....	1 RJ-45
Data rate	10/100/1000 Base-T
Protocol.....	ARP, ICMP, IEEE 802.1X, IP, TCP, DHCP, HTTPS, Telnet
Default settings.....	Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.255.0 Default gateway = 0.0.0.0 DHCP = off

Specifications • XMP 240 C AT (Continued)

Web server	Up to 200 simultaneous sessions
Program control	Extron DSP Configurator™ control/configuration program for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, Telnet

General

Power supply	External (included, PS 1215 C) Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
Power input requirements	12 VDC or Power over Ethernet (PoE IEEE 802.3af)
Power consumption	
Power supply	
Device	9.8 watts
Device and power supply...	10.5 watts
Power injector (optional, XTP PI 100)	
Device	11.7 watts
Device and power injector..	14.3 watts
Thermal dissipation	
Power supply	
Device	33.4 BTU/Hr
Device and power supply...	35.8 BTU/Hr
Power injector (optional, XTP PI 100)	
Device	39.8 BTU/Hr
Device and power injector..	48.6 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, vents
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 8.7" W x 9.5" D (1U high, half rack wide) (4.3 cm H x 22.1 cm W x 24.1 cm D)
Product weight	2.0 lbs (0.9 kg)
Regulatory compliance.....	CE, c-UL, UL, C-Tick, FCC Class A, ICES, RoHS, VCCI, 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.

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