Extron

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, 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

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

General

Power supply.................................. External (included, PS 1220)
Input: 100-240 VAC, 50-60 Hz
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 ±10%.

> **NOTE:** Specifications are subject to change without notice

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

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