Extron

Specifications

XTP T VGA

Video

Gain	Unity
Resolution range	Up to 1920x1200 or 1080p (HDTV)
Maximum pixel clock	165 MHz
Formats	RGB, component video, S-video, composite video

Video input and loop-through

Number/signal type	1 analog RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level component video (YUVi or YUVp/HDTV), S-video, or composite video input 1 buffered RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level component video (YUVi or YUVp/HDTV), S-video, or composite video loop-through
Connectors	2 female 15-pin HD
Nominal level	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels	Analog: 0.3 V to 1.45 Vp-p with no offset
Impedance	75 ohms
Horizontal frequency	30 kHz to 100 kHz
Vertical frequency	24 Hz to 120 Hz

Interconnection between transmitter and receiver

Connectors	1 female RJ-45 per unit
Termination standards	TIA/EIA T568B
Signal transmission distance	330' (100 m) using shielded twisted pair or XTP DTP 24 cable
Cable requirements	Solid conductor, 24 AWG or better
Cable recommendations	400 MHz bandwidth, STP (Shielded Twisted Pair)

NOTE: Extron XTP DTP 24 shielded twisted pair cable is stongly recommended for optimal performance.

Audio

Gain	Unbalanced output: 0 dB; balanced output: +6
Frequency response	20 Hz to 20 kHz, ±0.5 dB
THD + Noise	<0.1%, 20 Hz - 20 kHz at nominal level
S/N	>90 dB, at maximum balanced output (unweighted)
Crosstalk	≤-80 dB @ 1kHz, fully loaded
Stereo channel separation	>80 dB @ 1 kHz

Audio input

Number/signal type........................	1 analog stereo, balanced/unbalanced or
	1 analog stereo, unbalanced
Connectors....................................	(1) 3.5 mm captive screw connector, 5 pole
	1 female 3.5 mm mini stereo jack
Impedance.....................................	10k ohms unbalanced, 20k ohms balanced
Nominal level.................................	+4 dBu balanced, -10 dBV configurable
Maximum level	+7 dBv unbalanced
Input gain adjustment.....................	-18 dB to +24 dB, 1 dB steps, adjustable

> **NOTE:** 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

Communications — transmitter

USB control ports	1 front panel female mini USB B
USB standards	USB 2.0, low speed
Program control	Extron control/configuration program for Windows®
	Extron Simple Instruction Set (SIS™)

Communications — external device (pass-through, unidirectional or bidirectional)

Serial control port input/output.......	1 set of proprieraey signals on a female RJ-45 jack
Serial control port output/input.......	RS-232 (±5 V) via (1) 3.5 mm, 5 pole captive screw connector (uses 3 poles)
	(connector is shared with IR control port)
Baud rates	Up to 115200 baud
Protocol	Data bits = 5 - 8
	Stop bits = 1 or 2
	Parity = odd, even, none
	Flow control = XON, XOFF, none
Serial control pin configuration	1 = Tx, 2 = Rx, 3 = GND
Ethernet pass-through port	1 female RJ-45 connector
Ethernet data rate	10/100Base-T, half/full duplex with autodetect
IR control port	(1) 3.5 mm, captive screw connector, 5 pole (connector is shared with RS-232
	control port)
	TTL level (0 to 5 V) modulated infrared control from 30 kHz up to 40 kHz
IR control pin configuration	3 = GND, 4 = IR Tx, 5 = IR Rx

General

Power supply	External
	Input: 100-240 VAC, 50-60 Hz
	Output: 12 VDC, 1.5 A, 18 watts
Power consumption	
Device	11.5 watts, 12 VDC
Device and power supply	14.2 watts, 12 VDC

> **NOTE:** Each XTP transmitter or receiver can be powered either locally by an external power supply or remotely using an optional power inserter.

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 on sides and top
Thermal dissipation	
Device	38.9 BTU/hr
Device and power supply	48.1 BTU/hr
Mounting	
Rack mount.............................	Yes, with optional 1U high rack shelf
Furniture mount	Yes, with optional under-desk mounting kit
Enclosure type	Metal

Enclosure dimensions .... 1.0" H x 8.75" W x 6.0" D (half rack wide)
(2.5 cm H x 22.2 cm W x 15.2 cm D)
(Depth excludes connectors.)
Product weight .... 1.2 lbs (0.5 kg)
Vibration .... ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance.................. CE**, c-UL, UL, C-tick, FCC Class A**, ICES, VCCI
Complies with the appropriate requirements of RoHS, WEEE.

> **NOTE:** **CE and FCC testing is conducted with STP (shielded twisted pair) cable.

Warranty .... 3 years parts and labor

> **NOTE:** All nominal levels are at ±10%.

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

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

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