

MTP U T A D

Universal MTP Twisted Pair Transmitter for VGA, Video, and Audio - Decora® Wallplate

Key Features

- Transmits RGBHV, HD component video, S-video, composite video, and summed mono audio signals over a single CAT 5-type cable
- Supports RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, and composite video
- Compatible with HDTV component video, bi-level or tri-level sync
- Auto-input switching
- EDID emulation
- Switchable video output pre-peaking
- Contact closure remote control
- Mounts in an included two-gang Decora®-style wallplate
- Compatible with all Extron MTP Series Twisted Pair products

NEW

Now Available



Model	Version Description	Part #
MTP U T A D	Universal Transmitter - Black	60-1025-02
MTP U T A D	Universal Transmitter - White	60-1025-01

DESCRIPTION

The Extron MTP U T A D is a two-gang Decora®-style, Universal Twisted Pair Transmitter with dedicated VGA, HD component video, S-video, composite video, and audio inputs for sending a wide variety of video signals along with summed mono audio signals over a single CAT 5-type cable. To take full advantage of the transmitting capabilities of the MTP U T A D, it is ideally paired with Extron Universal MTP receivers, providing dramatic cost savings, design flexibility, and superior performance in complex twisted pair switching and matrix switching applications. The MTP U T A D is available in black or white.

With features including EDID emulation, auto-input switching, contact closure remote control for input selection, buffered local monitor output, and switchable video output pre-peaking, the MTP U T A D offers flexible operation and full compatibility with the entire MTP Twisted Pair line.

The MTP U T A D provides two stereo audio inputs, one input on a 3.5 mm stereo jack for the computer input, and one input on RCA for the video inputs. The input flexibility and auto-input switching capability of the MTP U T A D make it an ideal MTP transmitter for auxiliary inputs to the MTP SW 6 twisted pair switcher, as well as MTPX and MTPX Plus twisted pair matrix switchers, further expanding the input capability of these switchers. The auto-input switching feature automatically selects and transmits an active video and audio signal to the system without user interaction. The MTP U T A D is ideal for use in applications that require multiple video formats and audio to be selected or switched into a system.

Features

- ✦ **Transmits RGBHV, HD component video, S-video, composite video, and summed mono audio signals over a single CAT 5-type cable**
- ✦ **Supports RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, and composite video**
- ✦ **Compatible with HDTV component video, bi-level or tri-level sync**

- ✦ **Auto-input switching** — Automatically switches to the highest -quality input with an active video signal
- ✦ **EDID emulation** — A selectable feature for specifying the rate of the incoming VGA signal, EDID emulation allows proper source operation when no local monitor is present
- ✦ **Switchable video output pre-peaking** — Provides additional compensation for optimal performance on the longest cable runs, ensuring the highest -quality signal at the display
- ✦ **Contact closure remote control** — Allows for remote selection of video and audio inputs
- ✦ **Mounts in an included two-gang Decora®-style wallplate**
- ✦ **Compatible with all Extron MTP Series Twisted Pair products** — Works with MTP Series Twisted Pair products, including receivers, distribution amplifiers, switchers, and matrix switchers to create a wide range of simple and complex A/V systems

SPECIFICATIONS

MTP U T A D

Video

Gain	Unity
Number/signal type	1 set of proprietary analog signals
Connectors	1 female RJ-45

Video input and loop through

Number/signal type	1 analog RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, or composite video input 1 component video (YUV bi-level or tri-level sync) 1 S-video 1 composite video 1 buffered RGBHV, RGBS, RGsB, RsGsBs, component video, S-video, or composite video loop through
Connectors	1 female 15-pin HD (RGB, RGBS, RGsB, RsGsBs) 3 RCA (component video) 1 female 4-pin mini DIN (S-video) 1 RCA (composite video) 1 female 15-pin HD (RGB buffered loop through)
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	0.3 V to 1.45 Vp-p
Impedance	75 ohms
Horizontal frequency	15 kHz to 130 kHz
Vertical frequency	30 Hz to 150 Hz
Return loss	< -30 dB @ 5 MHz
DC offset (max. allowable)	250 mV

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM
Input level	3.5 V to 5.5 Vp-p, unterminated
Input impedance	573 ohms $\pm 5\%$
Max. input voltage	5.5 V p-p
Polarity	Positive or negative (follows input polarity)

Audio

Number/signal type	1 set of proprietary analog signals
Connectors	1 female RJ-45
Gain	Unbalanced output: 0 dB; balanced output: +6 dB
Frequency response	20 Hz to 20 kHz, ± 1 dB
THD + Noise	0.15% @ 1 kHz, 0.3% @ 20 kHz at nominal level
S/N	>70 dB at maximum output (unweighted)
Stereo channel separation	>60 dB @ 1 kHz
CMRR	>43 dB @ 20 Hz to 20 kHz

Audio input

Number/signal type	2 stereo, unbalanced
Connectors	(1) 3.5 mm mini stereo jack 1 pair female RCA
Impedance	>10k ohms, unbalanced
Nominal level	+4 dBu (1.23 Vrms), -10 dBV (316 mVrms)
Maximum level	+18 dBu, (unbalanced) at 1%THD+N

NOTE 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \sim 2 dBu

General

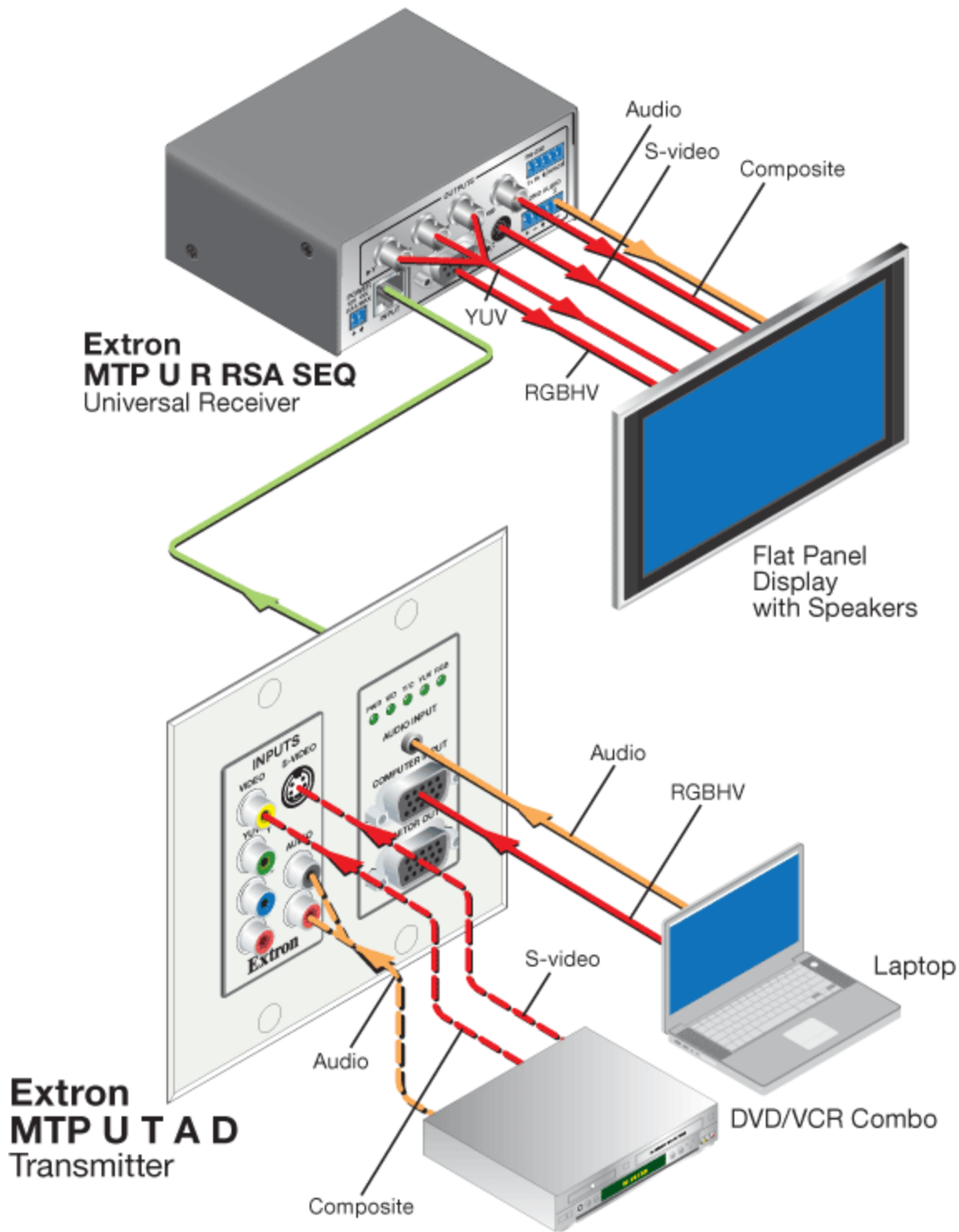
Recommended cable type	CAT 5/5E/6 (shielded or unshielded) or Extron Enhanced Skew-Free AV UTP
External power supply	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.5 A
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Mounting	
Rack mount	No
Furniture mount	Wall or furniture mountable in a Decora®-style opening
Enclosure type	Metal
Enclosure dimensions	
Faceplates	Two [2.6" H* x 1.3" W x 0.2" D (6.6 cm H* x 3.3 cm W x 0.6 cm D)] (Fits the openings in a 2 gang Decora faceplate.) *Height is 4.1" [10.4 cm] including mounting tabs.
Device	Two [2.7" H x 3.2" W x 1.5" D (6.9 cm H x 8.1 cm W x 3.8 cm D)] (Depth excludes input connectors.)
Product weight	0.4 lbs (0.2 kg)
Shipping weight	2 lbs (1 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
MTBF	30,000 hours
Warranty	3 years parts and labor

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

NOTE Specifications are subject to change without notice.

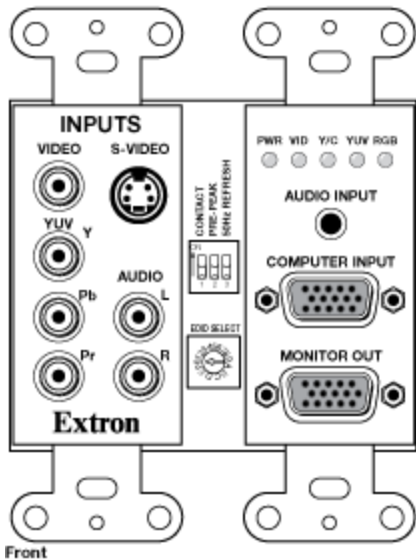
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DIAGRAM

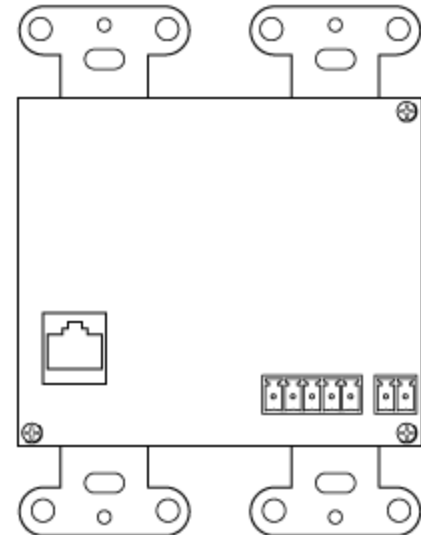


PANEL DRAWING

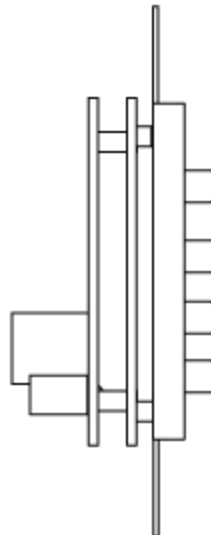
MTP U T A D



Front



Rear



Side

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