



## TP-210A

1:10 Computer Graphics Video, Audio & RS-232 over Twisted Pair Transmitter & Distribution Amplifier



The TP-210A is a high-performance distribution amplifier and twisted pair transmitter for computer graphics video signals with resolutions up to UXGA, RS-232 signals and stereo or S/PDIF audio signals. The unit takes computer graphics video, stereo or S/PDIF audio and RS-232 signals and distributes each signal to two local outputs and ten twisted pair outputs.

### FEATURES

- HDTV Compatible.
- Max. Resolution - UXGA & 1080p.
- Input - Computer graphics video (15-pin HD), stereo audio (3.5mm), S/PDIF (RCA) & RS-232 (terminal block).
- Output - 2 (each input format) and 10 twisted pair.
- Twisted Pair Connectors - RJ-45.
- Audio Input Connectors - 2 3.5mm (unbalanced) & 2 RCA (S/PDIF).
- RS-232 Input Connectors - 4-pin terminal block (2 x Tx, Rx & Gnd).
- Sync Polarity Settings - H & V switches.
- System Range (Twisted Pair) - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - A single connection to the TP-210A powers both units when the devices are within 150ft (50m) of each other.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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### TECHNICAL SPECIFICATIONS

INPUTS:	1 UXGA video on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 S/PDIF on an RCA connector, 1 RS-232 with 1 Rx/D line on a terminal block connector.
OUTPUTS:	10 twisted pairs on RJ-45 connectors, 2 UXGA on 15-pin HD connectors, 2 unbalanced stereo audio on 3.5mm mini jacks, 2 S/PDIF on RCA connectors, 2 RS-232 with 2 Tx/D lines on terminal block connectors.
MAX. OUTPUT LEVEL:	Video: 1.6V; Audio: 2.3V.
POWER OUTPUTS:	12V DC 0.5A max via each RJ-45 output (PINs 4, 5).
MAX. RESOLUTION:	UXGA & 1080p.
BANDWIDTH:	20Hz to 20kHz @1dB (audio).
SAMPLING RATE FOR S/PDIF:	48kHz.
S/N RATIO:	Audio: >75dB.
TOTAL AUDIO GAIN:	Analog to analog: 0dB; Analog to S/PDIF: -12dBFS.
AUDIO THD+N:	<0.02%.
POWER SOURCE:	100-240V AC, 50/60Hz, 46VA.
DIMENSIONS:	19" x 9.3" x 1U W, D, H, rack mountable.
WEIGHT:	3kg (6.6lbs) approx.
ACCESSORIES:	Power cord, rack "ears".

