



## TP-205A

1:5 Computer Graphics Video, Audio, & RS-232 over Twisted Pair Transmitter & Distribution Amplifier



The TP-205A is a high-performance distribution amplifier for computer graphics video signals with resolutions up to UXGA, RS-232 signals, and stereo or S/PDIF audio signals. The unit takes one set of inputs and outputs five twisted pair signals to compatible receivers.

### FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- Sync Polarity Settings - H & V switches for improved HDTV compatibility with the CAT 5 outputs.
- System Range - 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 transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



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### TECHNICAL SPECIFICATIONS

INPUTS:	1 VGA/UXGA with loop on 15-pin HD connectors, 1 unbalanced stereo audio with loop on 3.5mm mini jacks, 1 S/PDIF with loop on RCA connectors.
OUTPUTS:	5 twisted pairs on RJ-45 connectors.
MAX. OUTPUT LEVEL:	Video: 1V; Audio: 2.3V.
MAX. RESOLUTION:	WUXGA & 1080p.
BANDWIDTH (-3dB):	Audio: 20Hz to 20kHz @0.5dB
S/N RATIO:	Audio: >80dB.
TOTAL AUDIO GAIN:	Analog to analog: 0dB; Analog to S/PDIF: -12dBFS.
AUDIO THD+N:	<0.01%.
POWER CONSUMPTION:	12V DC, 2A.
DIMENSIONS:	21.46cm x 16.25cm x 4.36cm (8.45" x 6.4" x 1.72") W, D, H.
WEIGHT:	1.2kg (2.65lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-1 19" rack adapter.

