



# KRAMER

## TP-305A

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

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The TP-305A is a high-performance twisted pair receiver for computer graphics video, audio and RS-232 signals. The unit takes one twisted pair input and provides five twisted pair, a computer graphics video, stereo audio and S/PDIF audio outputs and an RS-232 output for local monitoring

## FEATURES

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**HDTV Compatible**

**Max. Resolution - WUXGA & 1080p**

**Level (Gain) & EQ (Peaking) Controls - 15-pin HD outputs**

**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-305A 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 recommended rack adapter**



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## TECHNICAL SPECIFICATIONS

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INPUT:	1 twisted pair on an RJ-45 connector
OUTPUTS:	5 twisted pair on RJ-45 connectors, 1 UXGA on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 S/PDIF on an RCA connector, 1 unidirectional RS-232 on a 2-pin terminal block connector
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:	WUXGA & 1080p
BANDWIDTH:	20Hz to 20kHz @1dB (audio)
SAMPLING RATE FOR S/PDIF:	48kHz
S/N RATIO:	Audio: >75dB
TOTAL GAIN:	Analog to analog: 0dB. Analog to S/PDIF: -12dBFS (audio)
AUDIO THD+N:	<0.02%
POWER CONSUMPTION:	12V DC, 2.3A
INCLUDED ACCESSORIES:	Power supply
PRODUCT DIMENSION:	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H
PRODUCT WEIGHT:	0.6kg (1.4lbs) approx
SHIPPING DIMENSION:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H
SHIPPING WEIGHT:	1.4kg (3.0lbs) approx