TP-200AXR

Computer Graphics Video & Stereo Audio over Twisted Pair Receiver

Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.

The TP−200AXR is a twisted pair receiver for computer graphics video and unbalanced stereo signals. The TP−100AXR converts the input signals into a twisted pair signal and the TP−200AXR converts the twisted pair signal back into two computer graphics signals, as well as two stereo audio plus two S/PDIF audio signals.

FEATURES

- Max. Resolution - WUXGA & 1080p
- HDTV Compatible.
- Twisted Pair Input - RJ−45 connector.
- Level (Gain) & EQ (Peaking) Controls.
- Audio - S/PDIF (RCA) & stereo audio (3.5mm) connectors.
- Looping CAT 5 Input.
- Selectable Input Signal Termination.
- Sync Polarity Settings - H & V switches for improved display compatibility with the CAT 5 outputs.
- System Range - Up to 200m (640ft). Greater distances possible depending on resolution and cable.
- 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 an optional RK−T1 adapter.

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TECHNICAL SPECIFICATIONS

INPUTS:	1 RJ−45 LINE IN connector.
OUTPUTS:	1 RJ−45 line loop out, 2 VGA on 15−pin HD connectors, 2 S/PDIF on RCA connectors, 2 audio analog 3.5mm mini jacks.
MAX. OUTPUT LEVEL:	Video: 1.8V, audio: 2.9V.
CONTROLS:	Level: −7dB to +4dB; EQ.: 0dB to +16dB (60m) @50MHz.
RESOLUTION:	Up to WUXGA.
BANDWIDTH (-3dB) :	20kHz.
S/N RATIO:	Video: 60dB; Audio: <89dB.
TOTAL GAIN:	Analog/analog: 0dB.
Analog/SPDIF:	−12dBFS.
COUPLING:	AC.
THD+N:	Audio: 0.25%.
POWER CONSUMPTION:	12V DC, 860mA.
DIMENSIONS:	21.5cm x 16.3cm x 4.4cm (8.6" x 7" x 1.8") W, D, H.
WEIGHT:	1.1kg (2.4lbs).
INCLUDED ACCESSORIES:	Power supply.
OPTIONAL:	RK−T1 19" rack mount adapter.