



TP-122-od

Computer Graphics Video & Stereo Audio over Twisted Pair Receiver with EMP Protection



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-6M/3RVF.



The TP-122-od is a twisted pair receiver for computer graphics video, stereo and S/PDIF audio signals. The TP-121-od transmitter converts computer graphics video and unbalanced stereo audio inputs into a twisted pair signal and the TP-122-od converts the twisted pair signal back into a computer graphics video, unbalanced stereo and S/PDIF audio outputs.

FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- EMP Protection - Protected from voltage surges induced by the electromagnetic field of nearby lightning. The system does not protect against direct lightning strikes.
- Twisted Pair Connectors - RJ-45 connectors.
- Level (Gain) and EQ (Peaking) Controls.
- System Range - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Power Connect™ System - Only one unit in a system, the transmitter or the receiver needs to be connected to a power source when the devices are within 50m (150ft) of each other.
- Compact Kramer TOOLST™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

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| INPUT: | 1 RJ-45 line in connector. |
| OUTPUT: | Video: 1 VGA/UXGA on a 15-pin HD connector; Audio: 1 audio S/PDIF RCA connector; 1 audio analog 3.5mm mini jack. |
| MAX. OUTPUT LEVEL: | Video: 1V; Audio: 2.5V. |
| MAX. RESOLUTION: | WUXGA & 1080p. |
| S/N RATIO: | Video: 58dB unweighted, 68.3dB @5MHz weighted; Audio: <-80dB. |
| TOTAL GAIN: | Audio: Analog/analog: 0dB., Analog/SPDIF: -12dBFS. |
| CONTROLS: | Level: -7.5dB to +4.4dB, EQ.: 0dB to +33dBu (130m) @50MHz. |
| COUPLING: | AC. |
| THD+N: | Audio: <0.01%. |
| POWER CONSUMPTION: | 12V DC, 350mA. |
| DIMENSIONS: | 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H. |
| WEIGHT: | 0.3kg (0.67lbs) approx. |
| INCLUDED ACCESSORIES: | Power supply. |
| OPTIONS: | RK-3T 19" rack adapter. |