



1:2 Computer Graphics Video with S/PDIF or Stereo Audio Twisted Pair Receiver



The TP-50 is a twisted pair receiver for computer graphics video and unbalanced stereo audio or S/PDIF audio signals. The unit converts the twisted pair signal back into two computer graphics video, stereo audio and S/PDIF audio signals simultaneously.

- Max. Resolution - WUGXA.
- Looping CAT 5 Input .
- Level (Gain) & EQ (Peaking) Controls.
- H & V Sync Polarity Settings.
- 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.
- Link LED - Indicates that the receiver is receiving a signal.
- System Range - Up to 100m (320ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



TP-50

TECHNICAL SPECIFICATIONS

INPUT:	1 twisted pair with loop on an RJ-45 connector.
OUTPUTS:	2 UXGA on 15-pin HD connectors, 2 unbalanced stereo audio on 3.5mm mini jacks, 2 S/PDIF on RCA connectors.
MAX. OUTPUT LEVEL:	Video: 2Vpp @max gain.; Audio: 4.6Vpp (analog).
MAX. RESOLUTION:	WUXGA.
AUDIO BANDWIDTH:	22kHz.
DIFF. GAIN:	4.7%.
DIFF. PHASE:	0.3Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 62.5dB; Audio: 69.2dB.
CONTROLS:	Video level: -9.5dB to +2.2dB; Video EQ: 0 to +26.3dB @50MHz.
COUPLING:	Video: DC; Audio: Input: AC; Output: Analog:DC; S/PDIF: AC.
AUDIO THD + NOISE:	0.035% @1kHz.
AUDIO 2nd HARMONIC:	0.003% @1kHz.
POWER CONSUMPTION:	12V DC, 800mA.
DIMENSIONS:	12.1cm x 7.18cm x 2.42cm (4.76" x 2.83" x 0.95") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-3T 19" rack adapter.

