



TP-114

1:4 Computer Graphics Video & HDTV over Twisted Pair Transmitter & Distribution Amplifier



The **TP-114** is a high-performance distribution amplifier for computer graphics video or HDTV signals. It converts a computer graphics video or HDTV signal on a 15-pin HD connector to four identical twisted pair signals.

FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- Sync Polarity Settings - H & V switches for improved HDTV compatibility.
- 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.
- System Range - Up to 100m (320ft). Greater distances possible depending on signal resolution and cable.
- Cable - Uses UTP (unshielded twisted pair) or STP (shielded twisted pair) cable such as CAT 5.



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TECHNICAL SPECIFICATIONS

INPUT:	1 UXGA on a 15-pin HD connector.
OUTPUTS:	1 UXGA on a 15-pin HD connector; 4 twisted pairs on RJ-45 connectors.
MAX. OUTPUT LEVEL:	1.8Vpp (UXGA), 1.6Vpp (CAT 5).
MAX. RESOLUTION:	WUXGA & 1080p.
DIFF. GAIN:	0.03% (UXGA), 7% (CAT 5).
DIFF. PHASE:	0.05Deg (UXGA), 0.08Deg (CAT 5).
K-FACTOR:	<0.05% (UXGA), 0.3% (CAT 5).
S/N RATIO:	75dB (UXGA), 73dB (CAT 5).
CONTROLS:	2 switches for sync inversion.
COUPLING:	DC (UXGA), AC (CAT 5).
POWER CONSUMPTION:	12V DC, 880mA.
DIMENSIONS:	12cm x 7.15cm x 2.76cm (4.7" x 2.8" x 1.08") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-3T 19" rack adapter.

