



VP-300THD

1:2 Computer Graphics Video & HDTV Distribution Amplifier & Twisted Pair Transmitter



The VP-300THD is a high-performance distribution amplifier for computer graphics video signals with resolutions up to and exceeding UXGA as well as HDTV. It takes one input, provides correct buffering and isolation, and distributes the signal to two computer graphics video or HDTV outputs and one twisted pair output.

FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- Sync Polarity Settings - H & V switches for improved HDTV compatibility with the CAT 5 outputs.
- 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.
- ID Bit Control.
- Long System Range (Twisted Pair) - Up to 100m (330ft).
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- 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

INPUT:	1 UXGA on a 15-pin HD connector.
OUTPUTS:	2 UXGA on 15-pin HD connectors; 1 twisted pair on an RJ-45 connector.
MAX. OUTPUT LEVEL:	2.3Vpp (UXGA), 1.4Vpp (CAT 5).
MAX. RESOLUTION:	WUXGA & 1080p.
DIFF. GAIN:	0.03% (UXGA), 2.6% (CAT 5).
DIFF. PHASE:	0.05Deg (UXGA), 0.28Deg (CAT 5).
K-FACTOR:	<0.05% (UXGA), 0.1% (CAT 5).
S/N RATIO:	75dB (UXGA), 71dB (CAT 5).
CONTROLS:	LEVEL: -9.1dB to 2.3dB (CAT 5); EQ.: 0 to 35dB (CAT 5).
COUPLING:	DC (UXGA), AC (CAT 5).
POWER CONSUMPTION:	12V DC, 280mA.
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.

