

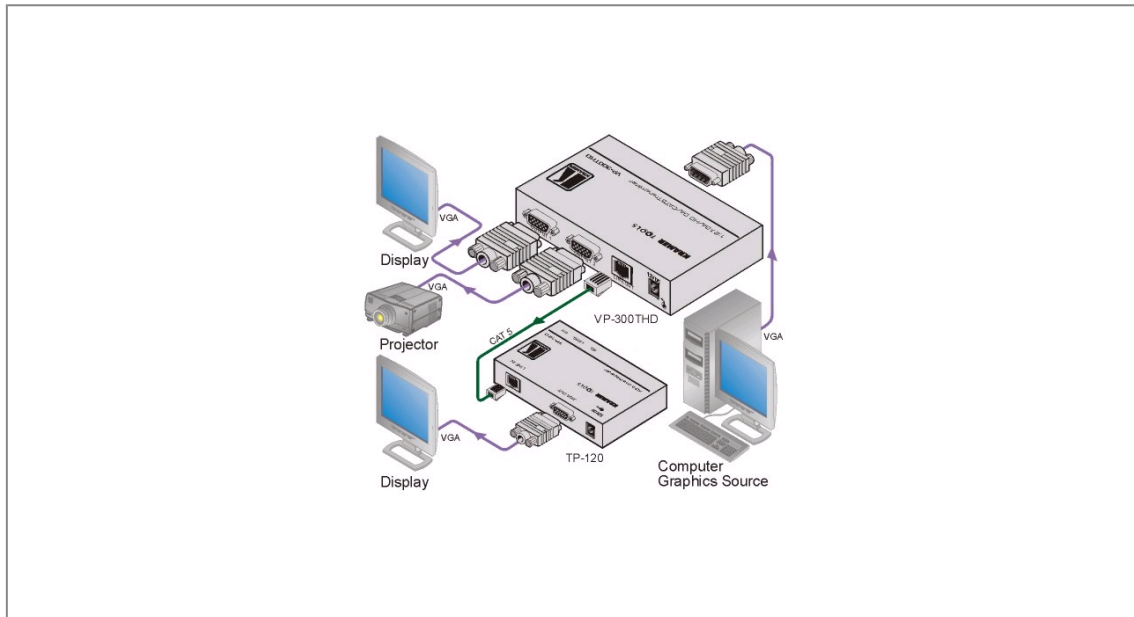


## VP-300THD

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



The **VP-300THD** is a high performance distribution amplifier for computer graphics video signals with resolutions ranging from VGA through UXGA and higher. It takes one computer graphics input and provides 2 computer graphics outputs on a 15-pin HD connectors and one twisted pair output on a RJ-45 connector.





## VP-300THD

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### FEATURES

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- HDTV Compatible
- High Bandwidth (15-Pin HD) - 400MHz (- 3dB)
- User Adjustable Sync Polarity Settings - H & V switches for improved HDTV compatibility with the CAT 5 outputs
- Power Connect™ System Only one unit in a system, either the transmitter or the receiver needs to be connected to an external power source
- Twisted Pair Output - Requires a computer graphics video Twisted Pair receiver to convert the signal back into a computer graphics video signal
- ID Bit Control
- Long System Range (Twisted Pair) - Up to 100 meters (330')
- Twisted Pair Connector - RJ-45
- Cable (Twisted Pair) - UTP (unshielded twisted pair) such as CAT 5

### TECHNICAL SPECIFICATIONS

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Compact Size	Part of the Kramer TOOLS™ family of compact, high quality and cost effective solutions
INPUT:	1 XGA on an HD15 connector
OUTPUTS:	2 XGA on HD15 connectors; 1 RJ-45 connector
MAX. OUTPUT LEVEL:	2.3Vpp (XGA), 1.4Vpp (CAT5)
RESOLUTION:	Up to UXGA
DIFF. GAIN:	0.03% (XGA), 2.6% (CAT5)
DIFF. PHASE:	0.05° (XGA), 0.28 Deg (CAT5)
K-FACTOR:	<0.05% (XGA), 0.1% (CAT5)
S/N RATIO:	75dB (XGA), 71dB (CAT5)
CONTROLS:	LEVEL: -9.1dB to 2.3dB (CAT5); EQ.: 0 to 35dB (CAT5)
COUPLING:	DC (XGA), AC (CAT5)
POWER SOURCE:	12 VDC 280mA
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H)
WEIGHT:	0.3 kg. (0.67 lbs.) approx.
ACCESSORIES:	Power supply