



VP-12NHD

1:12 Computer Graphics Video & HDTV Distribution Amplifier with 3 Twisted Pair Transmitters



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



The **VP-12NHD** is a high-performance distribution amplifier for computer graphics video signals. It takes one input, provides correct buffering and isolation, and distributes the signal to twelve computer graphics outputs on 15-pin HD connectors and three twisted pair outputs.

FEATURES

- High Bandwidth (15-pin HD) - 330MHz (-3dB).
- Max. Resolution (Twisted Pair) - WUXGA & 1080p.
- HDTV Compatible.
- Sync Polarity Settings - H & V switches for improved display compatibility with the CAT 5 outputs.
- Power Connect™ System - A single connection to the transmitter powers all units when the receivers are within 150ft (50m) of the transmitter.
- Twisted Pair Connectors - RJ-45 connectors.
- Control - RGB Level (Gain), ID bit.
- System Range (Twisted Pair) - Up to 100m (300ft).
- Cable (Twisted Pair) - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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TECHNICAL SPECIFICATIONS

INPUT:	1 UXGA on a 15-pin HD (F) connector.
OUTPUTS:	12 UXGA on 15-pin HD (F) connectors, 3 twisted pair on RJ-45 connectors.
MAX. OUTPUT LEVEL:	1.7Vpp.
BANDWIDTH (-3dB):	330MHz (UXGA).
MAX. RESOLUTION:	Up to UXGA.
DIFF. GAIN:	0.17% (UXGA).
DIFF. PHASE:	0.44Deg (UXGA).
K-FACTOR:	<0.05%.
S/N RATIO:	73dB.
CONTROLS:	Level: -0.8dB to 2.4dB.
COUPLING:	DC.
POWER CONSUMPTION:	230V AC, 50/60Hz, (115V AC, USA), 31VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.7kg (6lbs) approx.
INCLUDED ACCESSORIES:	Power cord, rack "ears".

