



## VP-12NHD

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

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



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

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- 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.

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".

