



## VP-12NHD

### 1:12 COMPUTER GRAPHICS VIDEO DISTRIBUTION AMPLIFIER WITH 3 TWISTED PAIR TRANSMITTERS

## DISTRIBUTION AMPLIFIERS



The VP-12N 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 12 computer graphics outputs on 15-pin HD connectors and three twisted pair outputs.

#### DESCRIPTION

- Bandwidth - 300MHz (-3db).
- HDTV Compatible.
- 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 a power source. All the system units must have the Power Connect system to use this feature.
- Twisted Pair Connectors - RJ-45 connectors.
- Control - RGB Level (Gain), ID bit.
- Twisted Pair Output - Requires a computer graphics video twisted pair receiver to convert the twisted pair signal back into a computer graphics video signal.
- System Range (Twisted Pair) - Up to 100 meters (300').
- Cable (Twisted Pair) - UTP (unshielded twisted pair) such as CAT 5
- Standard 19" Rack Mount Size - 1RU.

#### SPECIFICATIONS

INPUT:	1 UXGA on an HD15F connector
OUTPUTS:	12 UXGA on HD15F connectors; 3 RJ-45 OUT connectors
MAX. OUTPUT LEVEL:	UXGA: 1.7Vpp; CAT5: 1.3Vpp
BANDWIDTH (-3DB):	UXGA: 330MHz; CAT5: 156MHz
DIFF. GAIN:	0.17% at UXGA OUT
DIFF. PHASE:	0.44 Deg. at UXGA OUT
K-FACTOR:	<0.05% at UXGA and CAT5 OUT
S/N RATIO:	UXGA: 73dB; CAT5: 70dB
CONTROLS:	Level: -0.8dB to 2.4dB
COUPLING:	UXGA: DC; CAT5: AC
POWER SOURCE:	230 VAC, 50 / 60 Hz (115VAC, U.S.A.) 31VA
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable
WEIGHT:	2.7 kg. (6 lbs.) approx.
ACCESSORIES:	Power cord