

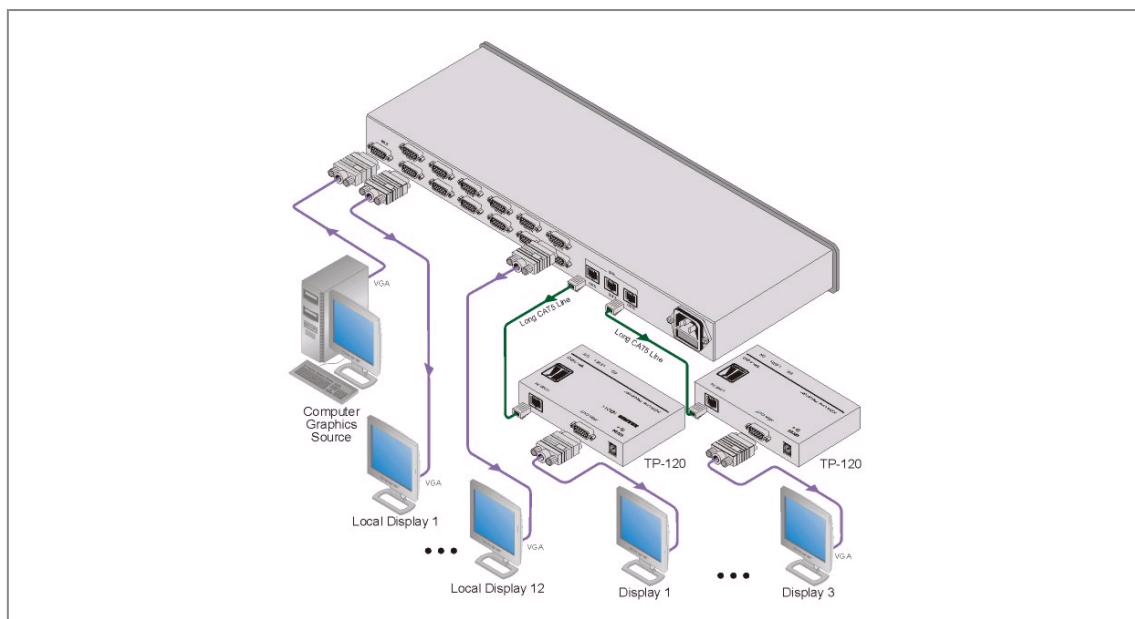


VP-12NHD

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



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.





VP-12NHD

FEATURES

- **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

TECHNICAL SPECIFICATIONS

Standard 19" Rack Mount Size	1RU.
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
ACCESSORIES:	Power cord
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.