



VP-6A

1:6 COMPUTER GRAPHICS VIDEO & AUDIO DISTRIBUTION AMPLIFIER WITH TWISTED PAIR TRANSMITTER

DISTRIBUTION AMPLIFIERS



The VP-6A is a high performance computer graphics video distribution amplifier for computer graphics video signals with resolutions ranging from VGA through UXGA and higher with balanced or unbalanced stereo audio signals. It takes one input, provides correct buffering and isolation, and distributes the signal to 6 computer graphics video outputs on 15-pin HD connectors and one AV twisted pair output on an RJ-45 connector.

DESCRIPTION

- High Bandwidth - 500MHz (-3dB).
- Built-In Audio Truncoding - Balanced or unbalanced stereo Input with 12 live outputs (6 balanced and 6 unbalanced).
- Audio Level Controls - Left & Right.
- Power Connect™ System Only one unit in a system, the transmitter needs to be connected to a power source. All the system units must have the Power Connect system to use this feature.
- HDTV Compatible.
- ID Bit Control.
- EQ (Peaking) Control.
- Horizontal and Vertical Polarity Selection.
- System Range - Up to 100 meters (300'). Greater distances possible depending on signal resolution and cable.
- Cable - Uses UTP (unshielded twisted pair) cable such as CAT5.
- Standard 19" Rack Mount Size – 1U.

SPECIFICATIONS

INPUTS:	VIDEO: 1 XGA on an HD15F connector AUDIO: 1 unbalanced stereo audio on a 3.5mm mini jack; 1 balanced stereo audio on a 5-pin terminal block connector
OUTPUTS:	VIDEO: 6 XGA on HD15F connectors; 1 RJ-45 connector AUDIO: 6 unbalanced stereo audio on 3.5mm mini jacks; 6 balanced stereo audio on 5-pin terminal block connectors
MAX. OUTPUT LEVEL:	VIDEO: 1.7Vpp AUDIO: balanced and unbalanced 26Vpp
BANDWIDTH (-3DB):	VIDEO: 500MHz AUDIO: balanced and unbalanced >100kHz; S/PDIF: 22kHz (TP-122 OUT)
DIFF. GAIN:	0.09%
DIFF. PHASE:	0.01 Deg.
K-FACTOR:	<0.05%
S/N RATIO:	VIDEO: 72dB AUDIO: balanced and unbalanced out 88dB.
CONTROLS:	XGA: 0 to +10dB EQ.; AUDIO: 0 to +9.9dB Level (balanced/unbalanced)
COUPLING:	VIDEO: DC AUDIO: Input: AC; Output: DC
AUDIO THD + NOISE:	0.015%
AUDIO 2ND HARMONIC:	0.004%
POWER SOURCE:	230 VAC, 50 / 60 Hz (115VAC, U.S.A.) 17.5VA
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable
WEIGHT:	2.7 kg. (6 lbs.) approx.
ACCESSORIES:	Power cord

