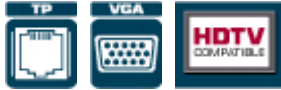




## VP-200XLTHD

1:1 Computer Graphics Video Line Amplifier with Twisted Pair Transmitter



The **VP-200XLTHD** is a high performance line and distribution amplifier for computer graphics video signals with resolutions ranging from VGA through UXGA and HD. It takes one computer graphics input and provides 1 line-amplified output on a 15-pin HD connector and one twisted pair output on a RJ-45 connector.

- High Bandwidth - 407MHz (- 3dB).
- HD Resolutions: 480p, 576p, 720p, 1080i and 1080p.
- Twisted Pair Connector - RJ-45.
- Level (Gain) and EQ (Peaking) Controls.
- 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 (320 feet).
- Cable (Twisted Pair) - UTP (unshielded twisted pair) such as CAT 5.
- Power Connect™ System Only the transmitter or receiver needs to be connected to a power source. (Up to 50m distance between units).
- Compact Kramer TOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack.



## VP-200XLTHD

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### FEATURES

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- **INPUTS:** - 1 XGA on an HD15 connector.
- **High Bandwidth** - 407MHz (- 3dB). HD Resolutions: 480p, 576p, 720p, 1080i and 1080p. Twisted Pair Connector - RJ-45. Level (Gain) and EQ (Peaking) Controls. 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 (320 feet). Cable (Twisted Pair) - UTP (unshielded twisted pair) such as CAT 5. Power Connect™ System Only the transmitter or receiver needs to be connected to a power source. (Up to 50m distance between units). Compact Kramer TOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack.
- **OUTPUTS:** - 1 XGA on an HD15 connector; 1 RJ-45 connector.
- **MAX. OUTPUT LEVEL:** - 1.9Vpp.
- **Sync Polarity Settings (VP-200XLTHD)** - H & V switches for improved HDTV compatibility with the CAT 5 outputs.
- **BANDWIDTH (-3dB):** - 407MHz.
- **RESOLUTION:** - Up to 1080p
- **DIFF. GAIN:** - 0.03%
- **DIFF. PHASE:** - 0.03 Deg

### TECHNICAL SPECIFICATIONS

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|               |   |
|---------------|---|
| K-FACTOR:     | <0.05% (XGA and CAT5).                                |
| S/N RATIO:    | 74dB.   |
| CONTROLS:     | LEVEL: -1dB to +2.5dB ; EQ.: 0 to 4dB.                |
| COUPLING:     | DC (XGA), AC (CAT5).                                  |
| POWER SOURCE: | 12 VDC 140mA.   |
| DIMENSIONS:   | 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H). |
| WEIGHT:       | 0.3 kg. (0.67 lbs.) approx.                           |
| ACCESSORIES:  | Power supply.   |
| CONTROLS:     | LEVEL: -1dB to +2.5dB ; EQ.: 0 to 4dB.                |
| COUPLING:     | DC (XGA), AC (CAT 5).                                 |
| POWER SOURCE: | 12V DC, 140mA.  |
| DIMENSIONS:   | 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H.  |
| WEIGHT:       | 0.3kg (0.67lbs) approx.                               |
| ACCESSORIES:  | Power supply.   |
| OPTIONS:      | RK-3T 19" rack adapter.                               |