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**

- **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

**INCLUDED ACCESSORIES:** Power cord, rack "ears"

**Product Dimensions** 19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H

**Product Weight** 1.7kg (3.8lbs) approx

**Shipping Dimensions** 55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H

**Shipping Weight** 2.6kg (5.6lbs) approx