The TP-114 is a high-performance distribution amplifier for computer graphics video or HDTV signals. It converts a computer graphics video or HDTV signal on a 15-pin HD connector to four identical twisted pair signals.

**FEATURES**

- **HDTV Compatible**
- **Max. Resolution** - WUXGA & 1080p
- **Sync Polarity Settings** - H & V switches for improved HDTV compatibility
- **Power Connect™ System** - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other
- **System Range** - Up to 100m (320ft). Greater distances possible depending on signal resolution and cable
- **Cable** - Uses UTP (unshielded twisted pair) or STP (shielded twisted pair) cable such as CAT 5
TECHNICAL SPECIFICATIONS

INPUT: 1 UXGA on a 15-pin HD connector

OUTPUTS: 1 UXGA on a 15-pin HD connector; 4 twisted pairs on RJ-45 connectors

MAX. OUTPUT LEVEL: 1.8Vpp (UXGA), 1.6Vpp (CAT 5)

MAX. RESOLUTION: WUXGA & 1080p

DIFF. GAIN: 0.03% (UXGA), 7% (CAT 5)

DIFF. PHASE: 0.05Deg (UXGA), 0.08Deg (CAT 5)

K-FACTOR: <0.05% (UXGA), 0.3% (CAT 5)

S/N RATIO: 75dB (UXGA), 73dB (CAT 5)

CONTROLS: 2 switches for sync inversion

COUPLING: DC (UXGA), AC (CAT 5)

POWER CONSUMPTION: 12V DC, 880mA

INCLUDED ACCESSORIES: Power supply