

TPR101

TWISTED PAIR RECEIVER FOR VGA AND TWO STEREO AUDIO SIGNALS



FEATURES

- Receives High-Resolution Video and Audio Signals from the TPT101 or TPT111 Using CAT-5 UTP Cable
- Compatible with VGA, SVGA, XGA, SXGA UXGA, MAC, SUN, SGI and other High Resolution Workstations Outputting an Analog Video Signal
- Low / High Frequency Cable Compensation
- Individual RGB Skew Controls — Compensate for Signal Delays in Long CAT5 Cable Runs
- Stereo Audio Signals Output As Balanced or Unbalanced
- Rack Mountable with an Optional Rack Shelf

The TPR101 Twisted Pair Receiver works with INLINE TPT100 Series transmitters to receive high-resolution video and audio signals using Category 5 unshielded twisted pair (UTP) cable. The unit will accommodate high-resolution video signals at virtually any resolution and refresh rate. Compatible computer video signals include VGA, SVGA, XGA, SXGA, UXGA, MAC, SUN, SGI and other high-resolution workstations outputting an analog video signal.

Comprehensive Controls for Optimizing System Performance

The TPR111 features several controls for optimizing system performance. The select button on the front panel allows users to easily toggle between the Low and High frequency cable compensation controls. The Low Freq. control allows users to adjust the midrange frequencies that tend to diminish over long cable runs. Careful adjustment of this control eliminates the smearing effect caused by low frequency losses. The High Freq. control compensates for high frequency losses in long cable runs. Optimization of this control provides enhanced high-resolution video signals with increased clarity and enhanced edge detail.

RGB Skew Controls

The RGB skew controls provide individual timing adjustment for the red, green and blue signals. These controls compensate for the variable signal delays that occur in long CAT5 cable runs and allow the system to be used with virtually any CAT5 cable.

Remote Power

The TPR101 receiver can provide remote power for the TPT101 and TPT111 transmitters. Power is sent to the transmitter units over the CAT5 link cable. In remote power configuration the TPT101 / TPT111 do not require a local power supply.

CAT5 Connectivity

The TPR101 receiver can be linked to a TPT100 Series Transmitter via one or two CAT5 cables, depending on desired signal and power configuration. A single cable allows users to run video and remote power, or video and mono audio (local power supply required). Running a double cable accommodates video, remote power and one or two stereo audio signals.

Stereo Audio Signals Output As Balanced or Unbalanced

Stereo audio signals can be output as balanced or unbalanced as required by the installation. The balanced audio signal provides optimal performance over long cable runs and helps reject hum, noise and other audio interference.

Rack Mountable

Rack Mountable in a 1U rack space.

SPECIFICATIONS

Input Connectors:

(2) RJ45 Female

Video Output:

(1) 15-pin HD Female

Audio Output Connectors:

(2) 5-pin Captive Screw Terminals

Audio Output Signal:

Balanced or Unbalanced Stereo Audio;
Impedance: 50 Ω

Power Supply:

90 - 260VAC; 0.25A; 47 - 63Hz

GENERAL

Shipping Weight: 4 lbs. / 2 Kg

Product Weight: 2 lbs. / 0.9 Kg

Dimensions: 1.65" x 8.5" x 7.3" /
4.2cm x 21.6cm x 18.5cm

Regulatory Approvals: UL 1950,
CAN / CSA-22.2 No. 950, 3rd Edition
CE: EN55022 (1987), EN50081-1 (1991),
EN50082-1 (1992 and 1994), EN60950-92

ORDER INFORMATION

TPR101-1 Twisted Pair Receiver for
VGA & Two Stereo Audio Signals —
Provides Remote Power for TPT101 or TPT111