

TPS150 Twisted Pair AV Switching and Transmission System Preliminary Data Sheet

The **TPS150** is a complete switching and transmission solution for sending video, high resolution computer video and RS-232 control signals to a projector, plasma display, presentation monitor or other data display over a single CAT5 UTP cable. Featuring Inline's exclusive cable compensation and skew control technology (patent pending), the **TPS150** system provides superb image quality with cable runs up to 500 feet / 152 meters using standard CAT5 cables (specialized media grade cables are not required).

TPS150 System Includes:

- TPT150 AV Switcher / Twisted Pair Transmitter
- TPR150 Twisted Pair Video Receiver
- Video Cables for Connection to Remote Data Display:
 - 6' Composite Video Cable (RCA Male to Male)
 - 6' S-Video Cable (4-Pin Mini DIN Male to Male)
 - 6' Component Video Cable (3-RCA Male to 3-RCA Male)
 - 6' VGA Male to Male Cable (15-Pin HD Male to Male)



TPT150 AV Switcher / Twisted Pair Transmitter

- Works in Conjunction with **TPR150** Receiver to Create a Complete Video / RS-232 Transmission Solution
- **Four A/V Inputs**
 - Input 1: VGA Input with Buffered Local Monitor Output
 - Input 2: VGA Input
 - Inputs 3 & 4: Video Inputs - Accept Composite or Y/C or Component Video Signals
- **Audio-Follow Video Switching** - Each Input Accepts Unbalanced Line Level Stereo Audio Signals. Output Signal Can be Set for Balanced or Unbalanced Audio
- **Volume Control and Mute** - Individual Volume Levels Can be Stored for Each Input
- **RS-232 Serial Port** - Control TPS150 Functions Remotely Using RS-232 Serial Commands. TPS150 System Can also Send RS-232 Control Signals from a Third-Party Control System over the CAT5 Link to Control Display Device Input Selection and Other Operations.
- **TPT150 Can Store and Transmit Commands to Control Display Device** Input Selection and Power On / Off (all Serial Commands are Provided by Installing Technician). Commands are Automatically Sent When **TPT150** Input Selection or Display Power Buttons are Pressed.
- **Contact Closure Remote Port** - Select Inputs, Adjust Volume and Turn Projector Power On / Off Remotely Using the Optional **CTP150CM** Control Panel or Any Other Source of Contact Closures
- **Front Panel Includes Ergonomic Soft-Touch Controls** for Input Selection / Blank / Projector Power / Volume and Mute
- **Flexible Installation Options:** Rack Mount in Equipment Rack in 1U Space, Place on Table Top, Mount Under Podium Shelf



TPR150 Twisted Pair Video Receiver

- Works in Conjunction with TPT150 AV Switcher / Transmitter to Create a Complete Video / RS-232 Transmission Solution
- **Individual Red / Green / Blue Skew Controls (Patent Pending)** — Available only from Inline, the RGB Skew Controls Adjust for the Inter-Pair Timing Delays found in Long CAT5 Cable Runs. These Controls Ensure Excellent Performance with Virtually any CAT5 Cable (*Specialized Media-Grade CAT5 Cables Not Required*)
- **Sophisticated Cable EQ Circuitry (Patent Pending)** with Separate High Frequency and Low Frequency Controls.
- **Ground Loop Rejection** — TPT / TPR System Design Prevents Video Ground Loop and Ground Noise Problems
- **Compact Receiver Unit** - Installs Inside Ceiling, On Top of Projector or Data Display, Mounted to Projector Mounting Pole

