The TP-410 is a high-performance distribution amplifier for computer graphics up to WUXGA or twisted pair video, unbalanced stereo or S/PDIF audio, and bi-directional RS-232 signals. The RS-232 and selected audio/video inputs, distributed to ten twisted pair outputs.

**FEATURES**

- **Resolution** - Up to and including WUXGA (1920x1080)
- **Selectable Inputs** - Local or twisted pair (WUXGA, audio and RS-232)
- **Data Handling** - Extensive bidirectional RS-232 embedding, de-embedding and other options
- **Selectable Analog or Digital Audio Input**
- **EDID Capture** - Copies and stores the EDID from a display device
- **Transmission Range** - Up to 300ft (100m) over STP cabling
- **Flexible Control Options** - Front panel, RS-232, RS-485, Ethernet
- **Controls** - Source selection buttons, power and source indicator LEDs, TP LEVEL and EQ trimmers
- **Worldwide Power Supply** - 100–240V AC
- **Standard 19” Rack Mount Size** - 1U. Rack "ears" included
## TECHNICAL SPECIFICATIONS

### INPUTS:
- 1 UXGA on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 S/PDIF on an RCA connector, 1 twisted pair on an RJ-45 connector

### OUTPUTS:
- 10 twisted pairs on RJ-45 connectors, 1 UXGA on 15-pin HD connectors, 1 unbalanced stereo audio 3.5mm mini jacks, 1 S/PDIF on RCA connectors

### CONTROL PORTS:
- RS-232 3-pin terminal block (data and control), RS-485 3-pin terminal block (data and control), RJ-45 Ethernet (data and control)

### RESOLUTION:
- Up to WUXGA (1920 x 1200) and 2k

### MAX. OUTPUT LEVEL:
- Video: 1.6Vpp, Audio: 2.3Vpp

### CONTROLS:
- RS-232/RS-485/Ethernet program control, source control from front panel, TP-IN level and equalization from rear panel

### SERIAL BAUD RATE:
- Up to 19200 bps

### SERIAL MODE:
- Full-duplex

### BANDWIDTH:
- AUDIO: 20Hz to 20kHz @0.5dB

### S/N RATIO:
- Audio: <-80dB

### TOTAL GAIN:
- Audio: 0dB

### COUPLING:
- Audio: AC

### AUDIO THD + NOISE:
- <0.03%

### OPERATING TEMPERATURE:
- 0° to +40°C (32° to 104°F)

### STORAGE TEMPERATURE:
- -40° to +70°C (~-40° to 158°F)

### HUMIDITY:
- 10% to 90%, RHL non-condensing

### POWER CONSUMPTION:
- 100-240V AC, 16VA

### INCLUDED ACCESSORIES:
- Power cord, Windows® based control software, rack "ears"

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

### Product Weight
- 1.6kg (3.4lbs) approx

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

### Shipping Weight
- 2.5kg (5.5lbs) approx