KRAMER

TP-410
1:10 Computer Graphics Video, Audio & RS-232 over Twisted Pair Transmitter & Distribution Amplifier

| VGA/UXGA - 15-pin HD | Ethernet - RJ-45

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

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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 DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	0.0kg (0.0lbs) approx

From
TP-125EDID

CAT 5

To TP-126

CAT 5

To TP-126

Audio

Audio

VGA

RS-232

Internet

AV-Receiver

Audio

VGA

VGA

Stereo Audio
Recorder

Computer
Graphics Source

Local
Display

Laptop
(Controller)