



VP-8x8TP

8x8 Computer Graphics Video & Stereo
Audio over Twisted Pair Matrix Switcher

| Ethernet - RJ-45



The VP-8x8TP is a high-performance matrix switcher for computer graphics video and stereo audio signals. The unit routes any or all inputs to any or all twisted pair outputs. A compatible twisted pair receiver converts each output signal back to the original input formats

FEATURES

High Resolution - Up to UXGA/1080p

HDTV Compatible

Active Input Indication™ Reporting - Each input button on the front panel automatically lights when the unit detects a video signal on that input. When an input is selected for switching, the button changes to a different color to indicate it is the active input

Delayed Switching™ - Up to a 3.5s (user selectable) delay for clean switching

Kr-isp® Advanced Sync Processing - Ensures compatibility with a wide range of computers (even if the sync level is too low) by restoring the sync signal waveform. Kr-isp® advanced sync processing can be enabled or disabled

Power Connect™ Feature - A single connection to the transmitter (only) powers both units when the devices are within 150ft (50m) of each other

Configurable EDID - For each input, via RS-232

Take Button - Executes multiple switches all at once

Memory Locations - Stores multiple switches as presets to be recalled and executed when needed

Audio Breakaway Switching

System Range - Over 100m (330ft) transmission range between the switcher and the TP receiver

Audio Level Controls - For adjusting the signal level of each input

Front Panel Lockout

Flexible Control Options - Front panel, RS-232 and RS-485 (using Kramer Protocols 2000 and 3000), IR remote and optional extension cable, Ethernet with built in Web server

Worldwide Power Supply - 100-240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included



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TECHNICAL SPECIFICATIONS

INPUTS:	8 UXGA on 15-pin HD connectors, 8 unbalanced stereo audio on 3.5mm mini jacks
OUTPUTS:	8 RJ-45 connectors
MAX. OUTPUT LEVEL:	Video: 1.9Vpp; Audio: 3Vpp
RESOLUTION:	Up to UXGA, 1080p
AUDIO BANDWIDTH:	18kHz (-3dB)
DIFF. GAIN:	1.8%
DIFF. PHASE:	0.3Deg
K-FACTOR:	<0.05%
S/N RATIO:	Video: 60dB @5MHz; Audio: 81dB @1kHz
CROSSTALK (all hostile):	Video: -46dB @5MHz; Audio: <-72dB @1kHz
CONTROLS:	Front panel buttons, RS-232, RS-485, Ethernet, infrared
COUPLING:	Video/audio: AC
AUDIO THD + NOISE:	0.035% @1kHz
AUDIO 2nd HARMONIC:	0.002% @1kHz
TRANSMISSION RANGE:	>100m (330ft)
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, 68VA
INCLUDED ACCESSORIES:	Power cord, Windows® based control software, external remote IR receiver cable, rack "ears"
Product Dimension	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	2.6kg (5.7lbs) approx
Shipping Dimension	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	2.7kg (6.0lbs) approx

