



VP-8x8TP

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



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.
DIMENSIONS:	19" x 7.5" x 1U (48.3cm x 19cm x 1U) W, D, H.
WEIGHT:	2.6kg (5.7lbs) approx.
INCLUDED ACCESSORIES:	Power cord, Windows® based control software, external remote IR receiver cable, rack "ears".

