



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.

Inputs - 8 VGA on 15-pin HD connectors (VGA through UXGA), 8 unbalanced stereo audio on 3.5mm mini jacks.

Outputs - 8 twisted pairs on RJ-45 connectors.

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.

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 VGA on 15-pin HD connectors (VGA through UXGA); 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).
POWER SOURCE:	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.
ACCESSORIES:	Power cord, Windows® based control software, external remote IR receiver cable.

