



VP-411DS

4x1 Computer Graphics Video & Stereo Audio Standby Switcher



The VP-411DS is a high-performance switcher for computer graphics video signals, with resolutions up to and exceeding UXGA, and unbalanced stereo audio signals. When configured as a standby switcher, the switching priority can be set for each of the four inputs.

FEATURES

- High Bandwidth - 300MHz (-3dB).
- Looping Input - Input 1.
- Automatic Standby Switching - Priority can be set for each of the 4 inputs via DIP-switches.
- 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.
- Primary Input - Selectable.
- Flexible Control Options - Front panel, RS-232 (K-Router™ Windows®-based Kramer software is included), contact closure, & IR remote (included).
- Output Disconnect.
- Front Panel Lockout.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with an optional RK-1 rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	4 UXGA with loop on IN 1 on 15-pin HD connectors, 4 unbalanced stereo audio with loop on IN 1 on 3.5mm mini jacks.
OUTPUTS:	1 UXGA on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack.
MAX. OUTPUT LEVEL:	Video: 1.8Vpp; Audio: 7.2Vpp.
BANDWIDTH (-3dB):	Video: 300MHz; Audio: >40kHz.
DIFF. GAIN:	0.03%.
DIFF. PHASE:	0.06Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 73dB @5MHz; Audio: 93dB.
CROSSTALK (all hostile):	Video: -50dB @5MHz; Audio: -72dB @1kHz.
CONTROLS:	Input selector; PANEL LOCK and OFF pushbuttons; IR remote control reception window; connector for extended IR reception; RS-232 connector; contact closure terminal block for external wire switching; input priority selector DIP-switches; normal/Kr-isp® and program/normal mode selectors via slide switches on the underside.
COUPLING:	Video: DC; Audio: DC.
AUDIO THD + NOISE:	0.004% @1kHz.
AUDIO 2nd HARMONIC:	0.002% @1kHz.
POWER CONSUMPTION:	12V, 230mA.
DIMENSIONS:	21.5cm x 16.25cm x 4.36cm (8.46" x 6.4" x 1.7") W, D, H.
WEIGHT:	1.1kg (2.43lb) approx.
ACCESSORIES:	Power supply, IR remote control.
OPTIONS:	RK-1 19" rack adapter, external remote IR receiver cable.

