



VP-16x18AK

16x18 Computer Graphics Video & Balanced/Unbalanced Stereo Audio Matrix Switcher



The VP-16x18AK is a high-performance matrix switcher for computer graphics video up to UXGA and unbalanced stereo audio signals. The unit can simultaneously switch any input to any or all of the 16 computer graphics and two twisted pair outputs.

FEATURES

- High Bandwidth - 360MHz (-3dB).
- HDTV Compatible.
- 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.
- Multiple Memory Locations - Stores 12 multiple switches as presets to be recalled and executed when needed.
- Automatic Input Detection. - An input lights green when a live connection is detected.
- Delayed Switching™ Mode - Glitch-free switching of non-genlocked sources by setting the transition time of a switch from 0 to 3.5 seconds.
- Audio Breakaway Switching.
- Audio-Follows-Video - Automatically switches the stereo audio signal with the video signal when switching the active input to the output.
- Audio Level Gain Controls - For unbalanced stereo inputs.
- Convenient Take Button - Executes multiple switches all at once.
- Front Panel Control Lockout.
- Supports DDC Communication.
- Flexible Control Options - Front panel buttons, IR remote with transmitter or optional remote extension cable, RS-232 & RS-485, Ethernet with Web browser.
- Standard 19" Rack Mount Size - 5U. Rack "ears" included.



VP-16x18AK

TECHNICAL SPECIFICATIONS

INPUTS:	16 VGA on 15-pin HD connectors (VGA through UXGA), 16 unbalanced stereo audio on 3.5mm mini jacks.
OUTPUTS:	16 VGA on 15-pin HD connectors (VGA through UXGA), 16 balanced stereo audio on 5-pin terminal block connectors, 2 TP on RJ-45 connectors.
MAX. OUTPUT LEVEL:	Video: 1.6Vpp; Audio: 9.6Vpp diff (12.8dBu).
BANDWIDTH (-3dB):	Video: 400MHz; Audio: 20kHz.
DIFF. GAIN:	0.1% maximum.
DIFF. PHASE:	0.05Deg. maximum.
K-FACTOR:	Local output: 0.1%.
S/N RATIO:	Video: 62dB to 5MHz; Audio: 83dB.
CROSSTALK (all hostile):	Video: -35dB @ 100MHz; Audio: -68dB @ 1kHz.
CONTROLS:	Volume: -105 to +30dB; bass: -15 to 15dB; treble: -20 to +20db.
COUPLING:	Video: Local output: DC; CAT 5 output: AC; Audio: Local output: input=AC, output=DC; CAT 5 output: input=AC, output=AC.
AUDIO THD + NOISE:	Local output: 0.031% @1kHz.
AUDIO 2nd HARMONIC:	Local output: 0.003% @1kHz.
POWER CONSUMPTION:	100-240V AC, 44VA.
OPERATING TEMPERATURE:	0° to +55°C (32° to 131°F).
STORAGE TEMPERATURE:	-45° to +72°C (-49° to 162°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	19" x 9.5" x 3U (W, D, H) rack mountable.
WEIGHT:	4.4kg (9.7lbs) approx.
ACCESSORIES:	Power cord, rack "ears", RC-IR3 IR Remote Control.
OPTIONS:	External remote IR receiver cable.

