



VP-16x18AK

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

| VGA/UXGA - 15-pin HD | Ethernet - RJ-45



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 - 420MHz (-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

EDID Pass-through - Pass-through algorithm ensures Plug and Play operation

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



TECHNICAL SPECIFICATIONS

INPUTS:	16 UXGA on 15-pin HD connectors, 16 unbalanced stereo audio on 3.5mm mini jacks
OUTPUTS:	16 UXGA on 15-pin HD connectors, 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: 420MHz; 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 +40°C (32° to 104°F)
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F)
HUMIDITY:	10% to 90%, RHL non-condensing
INCLUDED ACCESSORIES:	Power cord, rack "ears", RC-IR3 IR Remote Control
OPTIONS:	External remote IR receiver cable
Product Dimensions	19" x 9.33 x 5U (43.6cm x 23.70cm x 13.25cm) W, D, H
Product Weight	3.9kg (8.7lbs) approx
Shipping Dimensions	55.50cm x 34.20cm x 20.00cm (21.85" x 13.46" x 7.87") W, D, H
Shipping Weight	5.5kg (12.2lbs) approx

