



kramer

VS-44H2

4x4 4K HDR HDCP 2.2 Matrix Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:4:4)



VS-44H2 is a high-performance 4x4 matrix switcher for 4K@60Hz (4:4:4) HDR signals. It reclocks and equalizes the signals and can route any one of 4 HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously

FEATURES

High-Performance AV Matrix - Switches 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant signals to 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant outputs at up to 18G data rate.

Featuring Kramer re-Klocking™ and Equalization Technology that rebuilds the digital signal to travel longer distances. Note: For optimum range and performance, use recommended Kramer cables

HDMI Support - Deep Color, 3D, up to 7.1 uncompressed audio channels as specified in HDMI 2.0

EDID Management - Individual EDID management per input. Captures and stores the EDID from a display device

Flexible Content Protection - Selectable HDCP per input

Quick Access to Common Configurations - Save up to 8 preset configurations

Simple and Powerful Maestro Room Automation - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including scheduling, input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations

Smart Switching - Active source & acceptor detection. Automatic input selection based on priority selection or last connected input

Embedded Pattern Generator - With selectable patterns

Convenient Unit Control and Configuration Options - Local control via front panel switching, memory, lock and EDID buttons, and Input/Output LED display. Distance control via user-friendly embedded web pages via the Ethernet, Protocol 3000 API, and RS-232 serial commands transmitted by a PC, touch screen system or other serial controller

Cost-Effective Maintenance - Input selection indicators facilitate easy local maintenance and troubleshooting. Firmware upgrade via Ethernet

Easy Installation - 19" enclosure for rack mounting in a 1U rack space with included rack ears and universal 100-240V AC power supply



TECHNICAL SPECIFICATIONS

Inputs	4 HDMI: On female HDMI connectors
Outputs	4 HDMI: On female HDMI connectors
Ports	1 USB: On a Mini-USB connector for device control 1 RS-232: On a 3-pin terminal block connector for device control 1 Ethernet: On an RJ-45 connector 1 USB: On a USB-type A connector for powering an external device
Video	Max. Resolutions: 4K@60Hz (4:4:4) Max Data Rate 18Gbps bandwidth (6Gbps per graphic channel) HDMI Support Deep Color, 3D, up to 7.1 uncompressed audio channels as specified in HDMI 2.0 Content Protection HDCP 1.4 and 2.2
User Interface	Indicators: Input/output LCD display Control: Input/output selection, mute, test pattern, memory, front panel lock, buttons. RS-232 and USB connections for sending serial commands via PC, touch screen system or other serial controller. Embedded web pages via LAN for configuration and control
Power	Source: 100-240V AC, 50-60Hz Consumption: 54VA
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RH (non-condensing)
Accessories	Included: Rack ears, power cord, rubber feet
Product Dimensions	43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72") W, D, H
Product Weight	1.4kg (3.1lbs) approx
Shipping Dimensions	55.20cm x 27.80cm x 10.50cm (21.73" x 10.94" x 4.13") W, D, H
Shipping Weight	2.2kg (4.9lbs) approx



