

VS-48UHD

4x8 4K60 4:2:0 Matrix Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:2:0)



VS-48UHD is a high-quality 4x8 matrix switcher for 4K@60Hz (4:2:0) HDMI signals and embedded audio. It reclocks and equalizes the signals and can route any one of four HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously. VS-48UHD offers a flexible audio scheme where any HDMI digital audio input can be routed to any HDMI digital audio output in addition to ARC support to produce an equivalent 12x10 audio matrix

FEATURES

Max. Data Rate - 8.91Gbps data rate (2.97Gbps per graphics channel) Max. Resolution - 4K@60Hz (4:2:0) Independent 12x10 Audio Matrix - With 4 embedded digital inputs + 8 ARC inputs and 8 digital outputs + 2 ARC outputs Kramer Step-In Over HDMI Technology HDMI, HDCP and DVI Compliance Selectable HDCP Off per Input Memory Locations - 12 presets for quick access to common configurations Advanced EDID Management per Input Active Source & Acceptor Detection Automatic Input Selection - Based on priority selection or last connected input Firmware Upgrade - Via mini USB, Ethernet or the RS-232 port HDMI Support - Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels Kramer reKlocking[™] and Equalization Technology - Rebuilds the digital signal to travel longer distances Embedded Pattern Generator - With selectable patterns Lock Button - To prevent tampering Kramer Protocol 3000 Support Control Options - RS-232 serial commands transmitted by a PC, touch screen system or other serial controller, Ethernet port via LAN, embedded Web pages via LAN for configuration and control

Size - Standard 19" (1U). Rack "ears" included



TECHNICAL SPECIFICATIONS

| Inputs | 4 HDMI On female HDMI connectors | | | | |
|-----------------------------|---|--|--|--|--|
| Outputs | 8 HDMI On female HDMI connectors | | | | |
| Ports | 1 Programming On a Mini-USB connector | | | | |
| | 1 RS-232 On a 3-pin terminal block connector | | | | |
| | 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 (4:2:0) and 4K@30Hz (4:4:4) | | | | |
| | Standards Compliance HDCP 1.4 | | | | |
| User Interface | Indicators OUTPUT/INPUT LED Display | | | | |
| | Control Front panel buttons, RS-232, Ethernet remote connection | | | | |
| Power | Source 100-240V/50-60Hz | | | | |
| | Consumption 500mA | | | | |
| 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 | | | | |
| Product Dimensions | 19" x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H | | | | |
| Product Weight | 2.4kg (5.3lbs) approx | | | | |
| Shipping Dimensions | 52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H | | | | |
| Shipping Weight | 3.3kg (7.3lbs) approx | | | | |



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| HDMI) HDMI) | HDMI | HDMI | HDMI | HDMI | HDMI | HDMI | USBEt | h (RS-232) |
| Laptop Blu-ray Player | Blu-ray Player | Display | Display |] (Projector | Projector | Projector | Device Charging | System Control |