



## VS-88UHDA

8x8 4K60 4:2:0 HDMI Matrix Switcher with  
Audio Embedding/De-embedding

| HDMI



VS-88UHDA is a high-quality 8x8 matrix switcher for 4K@60Hz (4:2:0) HDMI signals and embedded/de-embedded analog audio. It reclocks and equalizes the signals and can route any one of eight HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously. The VS-88UHDA offers unmatched audio flexibility where any embedded digital or analog audio input can be routed to any embedded digital or analog audio output in addition to eight ARC sources to produce an equivalent 24x20 audio matrix

### FEATURES

- Max. Data Rate - 8.91Gbps data rate (2.97Gbps per graphics channel)
- Max. Resolution - Up to 4K@60Hz (4:2:0)
- Independent Audio Matrix - With ARC support
- Audio Handling - Level & balance support
- Kramer Step-In Over HDMI Technology
- HDMI, HDCP and DVI Compliance
- Selectable HDCP Off per Input
- Memory Locations - 16 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
- 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
- Firmware Upgrade - Via mini USB, Ethernet or the RS-232 port
- 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



# KRAMER

## TECHNICAL SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| Inputs:                        | 8 HDMI connectors, 8 unbalanced stereo audio on 3.5mm mini jacks  |
| Outputs:                       | 8 HDMI connectors, 8 balanced audio stereo output on a 5-pin terminal blocks (+4dBu nominal)  |
| Ports:                         | 1 USB, 1 RS-232, 1 Ethernet, 1 USB for powering an external device  |
| Compliance with HDMI Standard: | Supports HDMI and HDCP 1.4  |
| Output Resolutions:            | Up to 4K@60Hz (4:2:0) and 4K@30Hz (4:4:4)   |
| Control:                       | Front panel buttons, 7-segment display, AFV and breakaway buttons (VIDEO, A-AUDIO and D-AUDIO), STO-RCL, LOCK, PATTERN-MUTE buttons, RS-232, Ethernet Remote connection |
| Power Source:                  | 100-240V AC, 50/60Hz, 50VA  |
| 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)   |
| Included Accessories:          | Rack ears, power cord   |
| Product Dimension              | 19" x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H   |
| Product Weight                 | 2.6kg (5.7lbs) approx   |
| Shipping Dimension             | 52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21" ) W, D, H  |
| Shipping Weight                | 3.6kg (7.9lbs) approx   |

