VS-44UHDA

4x4 4K60 4:2:0 HDMI Matrix Switcher with Audio Embedding/De-embedding

| HDMI | Ethernet - RJ-45



VS-44UHDA is a high-quality 4x4 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 four HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously. The VS-44UHDA 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 four ARC sources to produce an equivalent 12x12 audio matrix

FEATURES

- **Max. Data Rate** - 8.91Gbps data rate (2.97Gbps per graphics channel)
- **Max. Resolution** - Up to 4K@60Hz UHD (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** - Eight 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

TECHNICAL SPECIFICATIONS

Inputs:	4 HDMI connectors, 4 unbalanced stereo audio on 3.5mm mini jacks
Outputs:	4 HDMI connectors, 4 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 Dimensions	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	1.9kg (4.1lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	2.9kg (6.4lbs) approx

