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