VS-44UHDA
4x4 4K60 4:2:0 HDMI Matrix Switcher with Audio Embedding/De-embedding

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