VS-44H2 is a high-performance 4x4 matrix switcher for 4K@60Hz (4:4:4) HDR signals. It reclocks and equalizes the signals and can route any one of 4 HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously.

**FEATURES**

- **High-Performance AV Matrix** - Switches 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant signals to 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant outputs at up to 18G data rate. Featuring Kramer re-Klocking™ and Equalization Technology that rebuilds the digital signal to travel longer distances. Note: For optimum range and performance, use recommended Kramer cables.
- **HDMI Support** - Deep Color, 3D, up to 7.1 uncompressed audio channels as specified in HDMI 2.0.
- **EDID Management** - Individual EDID management per input. Captures and stores the EDID from a display device.
- **Flexible Content Protection** - Selectable HDCP per input.
- **Quick Access to Common Configurations** - Save up to 8 preset configurations.
- **Simple and Powerful Maestro Room Automation** - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including scheduling, input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations.
- **Smart Switching** - Active source & acceptor detection. Automatic input selection based on priority selection or last connected input.
- **Embedded Pattern Generator** - With selectable patterns.
- **Convenient Unit Control and Configuration Options** - Local control via front panel switching, memory, lock and EDID buttons, and Input/Output LED display. Distance control via user-friendly embedded web pages via the Ethernet, Protocol 3000 API, and RS-232 serial commands transmitted by a PC, touch screen system or other serial controller.
- **Cost-Effective Maintenance** - Input selection indicators facilitate easy local maintenance and troubleshooting. Firmware upgrade via Ethernet.
- **Easy Installation** - 19” enclosure for rack mounting in a 1U rack space with included rack ears and universal 100~240V AC power supply.
**TECHNICAL SPECIFICATIONS**

**Inputs**
- 4 HDMI: On female HDMI connectors

**Outputs**
- 4 HDMI: On female HDMI connectors

**Ports**
- 1 USB: On a Mini–USB connector for device control
- 1 RS–232: On a 3–pin terminal block connector for device control
- 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 (4:4:4)
  - HDMI Support Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels as specified in HDMI 2.0
- Content Protection HDCP 1.4 and 2.2

**User Interface**
- Indicators: Input/output LCD display
  - Control: Input/output selection, mute, test pattern, memory, front panel lock, buttons. RS–232 and USB connections for sending serial commands via PC, touch screen system or other serial controller. Embedded web pages via LAN for configuration and control

**Power**
- Source: 100–240V AC, 50–60Hz
  - Consumption: 54VA

**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, rubber feet

**Product Dimensions**
- 43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72") W, D, H

**Product Weight**
- 1.4kg (3.1lbs) approx

**Shipping Dimensions**
- 55.20cm x 27.80cm x 10.50cm (21.73" x 10.94" x 4.13") W, D, H

**Shipping Weight**
- 2.2kg (4.9lbs) approx