



VS-411XS

4x1 4K HDR HDMI Intelligent Auto Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:4:4)



VS-411XS is an intelligent 4x1 automatic switcher for 4K HDR HDMI video signals. VS-411XS offers an intelligent switching experience with built-in Maestro room control and the standard priority / last-connected switching function based on active video signal detection

FEATURES

Simple and Powerful Maestro Room Control - Out-of-the-box configured room control for a typical meeting room setup, and intuitive user interface enables you to fully control your meeting room elements. Room devices are controlled right out-of-the-box by an extensive range of triggers, including input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room control saves meeting prep time and minimizes human error before presentations

Easy Remote Device Control - Control meeting and presentation devices connected to VS-411XS from the user-friendly Kramer Aware app on a compatible Kramer touch panel (sold separately). Kramer Aware includes a built-in, basic user-interface panel, pre-configured for Maestro-controlled typical meeting room setup

Plug & Play Auto Switcher - Automatically plays the switched source signal on the connected display according to user-configured preferences, such as priority or last-connected input. When the user manually switches, by pressing a button, the auto switching is overridden

Simple Manual Switching Operation - Local panel buttons, or remotely connected contact-closure buttons, and optional Maestro Kramer Aware touch panel buttons, for flexible user input selection and switching control

HDMI Signal Switching - HDCP 2.2 compliant, Supporting deep color, x.v.Color™, CEC, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing, locking and pass-through algorithm ensures plug & play operation for HDMI source and display systems

Multi-channel Audio Switching - Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound

Audio De-embedding - The digital audio signal passing-through to the HDMI output, is de-embedded, converted to an analog signal and sent to the stereo unbalanced analog audio output. This enables playing the audio on a locally connected professional audio system (such as DSP) and speakers, in parallel to playing it on the speakers connected to the AV acceptor device (such as TVs with speakers)

Automatic Display Operation - Part of the out-of-the-box Maestro configured room automation. Meeting presentation is simplified by automatically turning ON/OFF a CEC-enabled display when the presentation source is plugged in / unplugged with user-defined shut-down delay

Comprehensive Unit Control and Configuration Options - Local control via DIP-switches, volume and mute buttons, and volume and mute contact closure switches. Distance control via user-friendly embedded web pages via the Ethernet, Protocol 3000 API commands via RS-232 serial communication transmitted by a PC, touch screen system or other serial controller

Cost-effective Maintenance - Status LED indicators for HDMI ports facilitate easy local maintenance and troubleshooting. Remote IP-driven device management, and optional whole site management system, via built in web pages and RS-232 connection. Local and remote firmware upgrade via RS-232 or Ethernet connection tool ensure lasting, field proven deployment

Easy Installation - Compact DemiTOOLS® fan-less enclosure for user-reachable table mounting, or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter



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TECHNICAL SPECIFICATIONS

Inputs	4 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector 1 Balanced Stereo Audio: On 5-pin terminal block connector
Ports	RS-232: On a 3-pin terminal block connector Remote Contact Closure: On an 8-pin terminal block connector Ethernet: On an RJ-45 connector
Video	Max Data Rate: 17.82GBPS (5.94Gbps per graphic channel) Max Resolution: 4K@60 (4:4:4) Compliance: HDR10 as specified in HDMI 2.0, HDCP 2.2
Power	Source: 5V DC, 2A
User Interface	Controls: Inputs selection, volume, and mute buttons, DIP-switches for configuring switching policy and audio de-embedding source, embedded web pages via IP
Enclosure	Size: DemiTOOLS® Type: Aluminum Cooling: Convection ventilation
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%, RHL non-condensing
Regulatory Compliance (Standards Compliance)	Health, Safety, Environmental: RoHs, WEEE, CE

