

4x2 HDMI 2.0 Auto Seamless Presentation & Matrix Switcher SV-SVB42AP

4K/60 UHD (4:4:4) | HDCP 2.2 Compatible

This product is an 18G HDMI video switcher with 4 HDMI inputs and 2 scaling HDMI outputs. Each input and output supports up to 4K60 444 HDMI 18G video. The outputs can be individually scaled for 1080p or HDBaseT compatibility. De-embedded audio as analogue L+R and optical TosLink is available for both outputs. The Matrix Switcher can automatically control the display device using RS232, CEC or IR when the last input signal is lost, or when the first video input is detected. This switcher can be controlled from the front panel, RS232, IR, or LAN.



Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Four 18G HDMI 2.0 video inputs supporting up to 4K60 444 resolution
- Two 18G HDMI 2.0 video outputs supporting up to 4K60 444 resolution
- Both outputs can be individually scaled for 4K→1080p or HDBaseT mode
- Automatic RS232, CEC and IR control of the display device power state
- Two sets of de-embedded audio analogue and TosLink outputs, for both outputs
- ARC decoding to the TosLink audio outputs only
- Test Pattern mode for testing output signal integrity to the display
- Built-in Web GUI for LAN control
- Four methods of control: Front panel, RS232, IR and LAN

The Matrix has a built-in web interface to provide a means of controlling or configuring various settings.

Both outputs A and B are lit when that channel has its Auto Detection mode active. Auto Detection mode detects new HDMI signals and immediately switches to the input. If the currently selected input is removed, the switcher will switch to the next available input or remain on the current input if there are no active HDMI input signals.



Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Input: up to 4K@60Hz 4:4:4 4K2K 50/60Hz 4:4:4 ,4K2K 50/60Hz 4:2:0 4K2K 30Hz 4:4:4 ,1080p, 1080i, 720p, 720i, 480p, 480i All HDMI 3D TV formats ,All PC resolutions including 1920 x 1200
Color Space	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
Color Depth	8/10/12 bit
IR Level	5Vp-p
IR Frequency	38KHz
Audio Formats	HDMI IN/OUT: LPCM 2.0/5.1, Dolby Digital/Plus/EX, DTS, DTS-EX, DTS-96/24 L/R OUT: PCM 2.0
Audio Latency	No Latency
Video Latency	No Latency
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input ports	4× HDMI INPUT [Type A, 19-pin 2 × HDMI OUTPUT [Type A, 19-pin female] 1 × OPTICAL AUDIO OUT [S/PDIF]
Output ports	1 × L/R AUDIO OUT [RCA]
Control ports	1 × RS-232 [3pin-3.81mm phoenix 1x LAN connector] 1 × IR EXT [3.5mm, Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	218mm(W)×140mm(D)×43mm(H)
Weight	1050g
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)
Power Consumption	5.5W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)
Certificates	CE, FCC, RoHS, (ISO 9001:2015 14001:2015 ,45001:2018, 27001:2022 -IAF Certified)