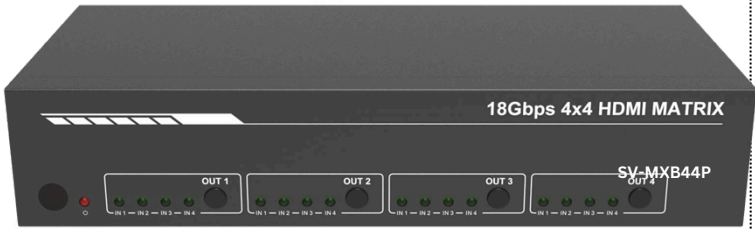




4x4 HDMI 2.0 Seamless Matrix with Audio de-embed
SV-MXB44P 4K/60 UHD (4:4:4) | HDCP 2.2 Compatible

The Solvision SV-MXB44P This high-performance HDMI Matrix Switcher can switch four HDMI 2.0 sources to four HDMI 2.0 displays. Each input and output supports up to 4K60 4:4:4 resolution and HDCP 2.2. The outputs can be individually scaled from 4K to 1080p. De-embedded audio as analogue L/R and coaxial is available for both outputs. The ARC function can only return display device audio to the coaxial port output. Advanced EDID management is supported by its 18Gbps bandwidth and additional features with the latest HDMI standards. This switcher can be controlled from the front panel, RS-232, IR remote, or TCP/IP.



CONNECTIVITY AND QUALITY

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format.

Features

- HDMI Switching and Resolution:
- Capable of switching any of four HDMI 2.0 sources to four HDMI 2.0 displays.
- Supports resolutions up to 4K60 4:4:4 and HDCP 2.2 on each input and output.
- Outputs can be individually scaled from 4K to 1080p.
- Audio Management:
- De-embedded audio can be output through analogue L/R and coaxial audio output ports.
- Supports ARC (Audio Return Channel) function, which returns audio from the display device to the coaxial port output only.
- Advanced EDID Management:
- Provides advanced EDID (Extended Display Identification Data) management to ensure compatibility and optimal performance with connected devices.
- Bandwidth and Compliance:
- Supports 18Gbps bandwidth, ensuring high-speed data transfer and compatibility with the latest HDMI standards.
- Control Options:
- Can be controlled via multiple interfaces including:
- Front panel controls
- RS-232.IR remote
- TCP/IP



Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	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
Output Scaling	4K→1080p
3D Support	Yes
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
	HDMI audio: PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24,
	DTS High Res, DTS-HD Master Audio
Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX,DTS- 96/24, DTS High Res, DTS-HD Master Audio DTS 5.1
ESD Protection	Human body model – ±8kV (Air-gap discharge) &
	±4kV (Contact discharge)
Connection	
Input ports	4 x HDMI IN [Type A, 19-pin female]
	4 x HDMI OUT [Type A, 19-pin female]
Output ports	4 x Audio Connector
Control ports	1 x TCP/IP [RJ45]
	1 x RS-232 [D-Sub9]
	1 x IR EXT [3.5mm, StereoMini-jack]
	1 x IR INPUT[3.5mm, Stereo Mini-jack]
	1 x IR OUTPUT[3.5mm, Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Dimensions	220mm (W)×105mm (D)×44mm (H)
Weight	792g
Power Supply	Input: AC 100 - 240V 50/60Hz
	Output: DC 12V/2.5A (US/EU standard, CE/FCC/ROHS certified)
Power Consumption	DC 12V input for 12V 2.5A PSU.
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)
Safety	CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)