SW-21-MV

2x1 seamless switcher with 4K60 Multi-viewer

FEATURE:

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Support 18Gbps video bandwidth
- Input and output resolutions support up to 4K2K@60 4:4:4
- Support LPCM, AC3, DD+, DTS, DTS-HD, up to 7.1 audio channel
- Seamless switching between input channels and combined multiple images on single UHD monitor
- Up to 4 display modes: SINGLE, PIP, PBP (1), PBP (2)
- Audio de-embedding via analog and optical fiber audio ports
- Support volume control and independent audio selection
- Advanced EDID management
- Control via front panel buttons, IR remote, OSD menu navigation, Controller software, RS-232 commands
- Compact design for easy and flexible installation

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This 4K60 2x1 Multiviewer Seamless UHD Video Switcher was developed for the purpose of supporting higher output resolution (4K@60) for multiple sources on a single screen. It can combine two video signals onto a single UHD or HD displayer. The user can manage each input, and create combinations of the two inputs on a single display, as well as adjust the position of either input. This product supports 4 display modes, within the mode range, users can freely switch 2-channel HD input signals. It can realize single screen display and multiview display on a single screen. This device supports full range of input video resolutions up to 4K@60 (RB) and audio RCA /Optical de-embedding supported for external audio distribution systems. This device can be controlled via front panel buttons, IR remote, OSD menu navigation, Controller software, RS-232 commands

Switchers

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SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60 4:4:4
IR Level	5Vp-p
IR Frequency	38KHz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8bit
Audio Formats	HDMI: PCM2.0/5.1/7.1CH, Dolby Digital/Plus, DTS, DTS High Res Analog audio [3.5mm L/R]: PCM2.0; SPDIF (OPTICAL): Dolby Digital, DTS 5.1, PCM2.0. Note: It does not support HBR audio.
ESD Protection	Human body model—±8kV (Air-gap discharge) &±4kV (Contact discharge)

Connections

Input Ports	2x HDMI IN [Type A, 19-pin female]
Output Ports	1x HDMI OUT [Type A, 19-pin female]
	1x L/R OUTPUT [RCA]
	1x OPTICAL OUTPUT [S/PDIF]
Control ports	1x RS-232 [3pin-3.81mm phoenix connector]
	1x IR EXT [3.5mm Stereo Mini-jack]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	175mm [W] x 100mm [D] x 30mm [H]
Weight	497g
Power Supply	Input: AC 100 - 240V 50/60Hz
	Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)
Power Consumption (Max)	4.56W (Max)
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20 - 90% RH (no condensation)

Switchers