

SD-PS-M943

4K Presentation Switcher with Multiview



Overview

The SD-PS-M943 is a powerful seamless 4K presentation switcher with multiview function. It can take up to 9 video inputs with up to 4K resolution at different formats (HDMI, DP, USB-C) and then display it onto a display with resolution up to 4K. It not only can seamlessly switch between different video inputs onto the screen but also can display selected video inputs onto the screen at a preset multiview mode.

The SD-PS-M943 presentation switcher supports de-embedded input audios and embed any external audio onto the selected outputs, with line or microphone audio inputs. Scaled video signals are available as HDMI or HDBaseT for a long-distance transmission. This makes the SD-PS-M943 a great solution for a wide number of applications including classrooms, lecture halls, broadcasting, meeting, and conference rooms.

The SD-PS-M943 presentation switcher can be easily controlled via web GUI, front panel buttons, RS232, IR or an 3rd party controller which offers the greatly controlling flexibility. The unit can run standalone once configured.

Key Features

- 4K 9x1 presentation switcher with multiview ability
- 1 x HDBaseT and 2 mirrored HDMI outputs
- Supports seamless switching
- Supports video source auto or manual switching
- 7 x HDMI, 1 x DP, 1 x USB-C
- Supports scaling on outputs
- Supports up to 4K and HDCP 2.2 compliant.
- Supports up to 70m and 100m transmission distance on 4K and HD signal respectively over HDBaseT output
- HDBaseT output supports 24V PoC
- Supports audio embedded and de-embedded and audio mixing
- Support independently audio selection
- Support 2 microphone inputs, both can be mixed with main audio
- Independently microphones volume control and overall volume control
- Support balanced LR audio output and Toslink digital audio output
- Support 4 external LR inputs
- Supports Mic input with Phantom Power
- Supports controllable via network, RS232, remote control, and front panel buttons
- Supports up to 20 custom layouts

Specifications

Dimensions(W*D*H) (mm)	430 x 220 x 44
Weight	5kg
Input Resolution	Up to 4K@60 4:4:4
Input Ports	7 x HDMI, 1 x DP, 1 x USB-C
Output Resolution	Up to 4K@60 4:4:4
Output Ports	2 x HDMI, 1 x HDBaseT
Mic Interface	2 x 3-way Phoenix connectors, one with 48V Phantom power
Analog Audio Output Interface	1 x 5-way Phoenix connectors and 1x Mini Toslink connector
Analog Audio Input Interface	5 x 5-way Phoenix connectors
HDCP	HDCP 2.2
Power Supply	110-240AC
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%-90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing
Control Interface	Ethernet port or RS232 or front panel or remote control
Max Power Consumption	30W
Warranty	2 years

Models

Models	Input		Output	
	Video	Audio	Video	Format
SD-PS-M943	7 x HDMI, 1 x DP, 1 x USB-C	Embedded, LINE and MIC Audio Inputs	2 x HDMI, 1 x HDBaseT	Embedded, Balanced Analog and Toslink Audio

System Diagram

