

USB-C 2x1 Presentation Switcher

500531



Overview

The MuxLab USB-C 2x1 Presentation Switcher (model: 500531) offers seamless switching of USB-C inputs to a single HDMI output, providing versatility and enhanced connectivity for presentation environments. It supports video resolution up to 4K@60Hz 4:4:4, delivering high-quality visuals for presentations and displays, as well as audio de-embedding on a balanced analog audio output, ensuring clear and synchronized audio playback.

The switcher features multiple methods of control, AUTO mode enables automatic switching to the first detected device source, and Manual control available through front panel buttons. RS232 commands are also supported, offering additional control flexibility.

The MuxLab USB-C 2x1 Presentation Switcher is designed to meet the demands of modern presentation setups, providing a user-friendly and feature-rich solution for enhanced connectivity and control.

Applications

- Ideal for conference room setups where multiple presenters may use different USB-C devices for presentations.
- Enhances connectivity in meeting spaces by accommodating various USB-C devices.
- Provides a versatile solution for corporate boardrooms where executives may use different USB-C devices for presentations.
- Supports training sessions and workshops where trainers may use different USB-C-enable devices.

Key Features

- 18Gbps 2x1 switcher with USB-C inputs
- Supports HDMI 2.0, 4K@60Hz 4:4:4, HDR 10, HDCP 2.2
- Support automatic 4K downscaling to 1080P
- Support 1G network pass-through.
- Guest mode control via TCP/IP and RS232
- Provides USB-C charging up to 100W
- Balanced analog audio for output audio de-embedding
- Smart EDID capabilities.

Specification

Video

Video Input	2 x USB Type-C
USB-C Input Resolution	Up to 4K@60Hz 4:4:4
Video Output	1 x HDMI Type A Female
HDMI 2.0 Output Resolution	Up to 4K@60Hz 4:4:4
HDCP	Support Version 2.2
USB	USB Version 3.2 gen2 cable recommended
HDR 10	Supported
CEC	Supported
HDP	Supported

Audio

Audio Output	1 x AUDIO OUT (Stereo balanced L/R)
Audio Output Connector	1 x 5-pin terminal block
HDMI Audio Format	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS: X™, and DTS-HD® Master Audio™ pass-through

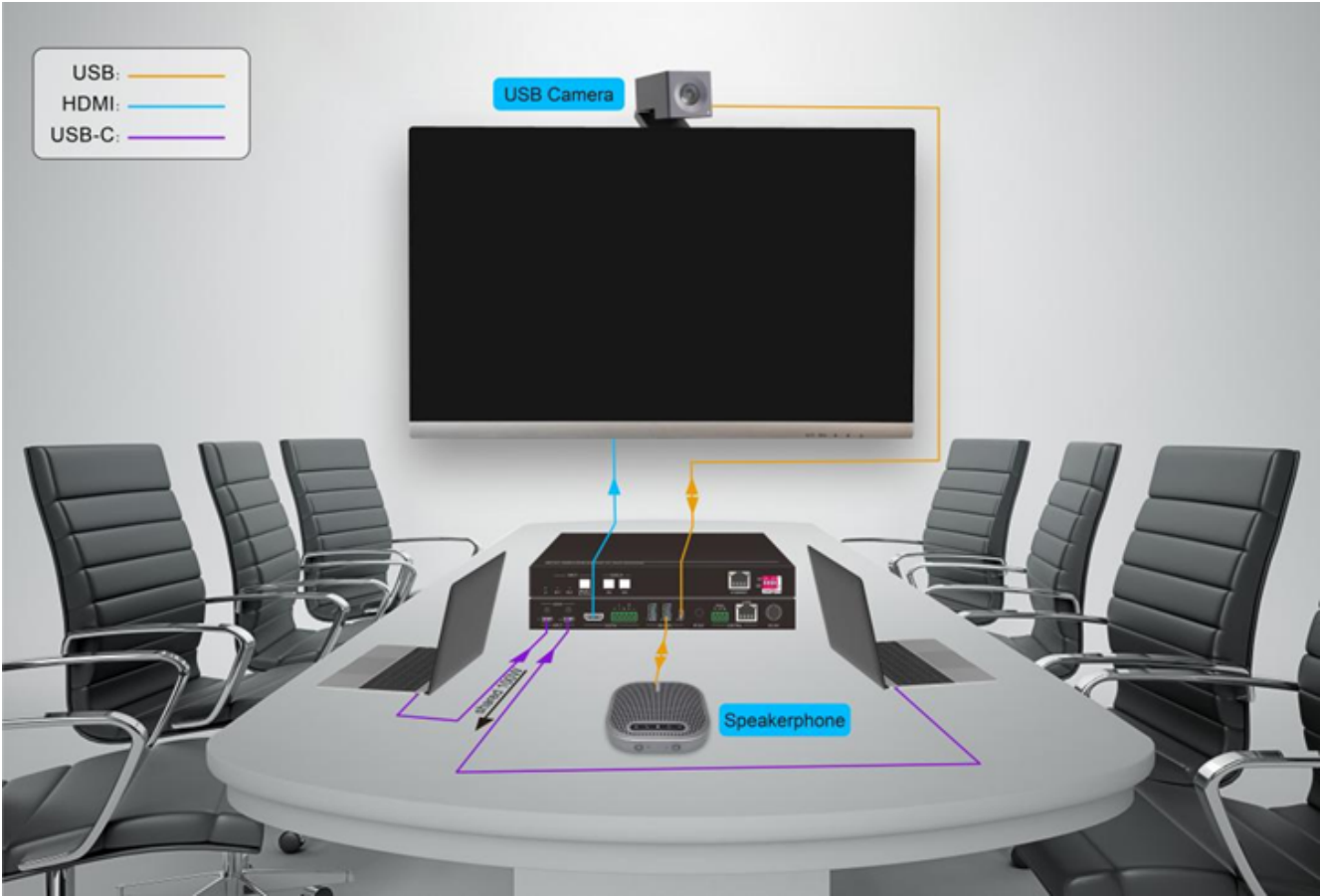
Control

Control	(1) EDID, (1) RS232, (3) USB, (1) IR
Control Connectors	(1) 4-pin DIP switch, (1) 3-pin terminal block, (1) Type-C USB 3.2 gen2, (2) Type-A USB 3.2 gen2, (1) 3.5mm interface

General

HDMI 2.0 Cable Length	4K@60Hz 4:4:4 ≤ 5m, 4K@60Hz 4:2:0 ≤ 10m, 1080P ≤ 15m
Bandwidth	18Gbps
Operating Temperature	0°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Power Consumption	112 W Max
Power Supply	DC 24V 6.5A
Dimension	228.0mm x 24.5mm x 135.0mm
Net Weight	810g
Warranty	2 years
Order Information	500531 USB-C 2x1 Presentation Switcher (UPC: 627699005316)

Application Diagram



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2321 Cohen | St-Laurent , H4R 2N7 | Québec, Canada Tel: 514-905-0588 | Fax:
514-905-0589 | Toll free: 1-877-689-5228 info@muxlab.com |
salesteam@muxlab.com | www.muxlab.com

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