

LOGIC

User Manual

LG-3X1BYOD-P

HDMI 2.0 3x1 Multi-format Presentation Switcher



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Version: LG-3X1BYOD-P_2021

Statement

Thanks for choosing this product, please read this user manual carefully before using this product. The functions described in this version are updated till February 2021. To improve our product, we reserve the right to make changes the functions or parameters without notice or obligation. Please refer to LOGIC for the latest details.

Safety Precaution

- Do not dismantle the housing or modify the module to avoid electrical shock or burn.
- Using supplies not meeting the products' specifications may cause damage, deterioration, or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Install the device in a place with fine ventilation.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit.
- Always unplug the power to the device before cleaning.
- Unplug the power when not used for a long period of time.
- Refer all servicing to qualified service personnel.

After-sales Service

We provide limited warranty for the product within three years.

Packing List

- 1x LG-3X1BYOD-P
- 1x User Manual

Note: Please contact your distributor immediately if any damage or defect in the components is found.

Table of Contents

1. Product Introduction.....	1
2. Features	1
3. Panel Description.....	1
4. System Connection	2
5. Specification.....	3

HDMI 2.0 3x1 Multi-format Presentation Switcher

1. Product Introduction

The LG-3X1BYOD-P is an HDMI 2.0 3x1 Multi-format Presentation Switcher converting AV signal from HDMI, Mini DP, and USB-C inputs to HDMI output.

The LG-3X1BYOD-P is a green low energy consumption product which has a various application in different places, such as classroom, small meeting room, lecture hall, and etc.

2. Features

- Supports HDMI, Mini DP, and USB-C input signals to be converted to HDMI signals.
- Auto-detects the input signal, the last connected signal source will be switched to the output automatically.
- Starts to scan from HDMI to USB-C and switch the first detected source to output.
- Supports Mini DP and USB-C input video resolution up to 4K@60Hz 4:4:4.
- Supports HDMI input and output video resolutions up to 4K@60Hz 4:4:4 HDR and Dolby Vision.
- HDCP 2.2 compliant.
- Powered via USB-A from display end.
- LED for power indicating.

3. Panel Description



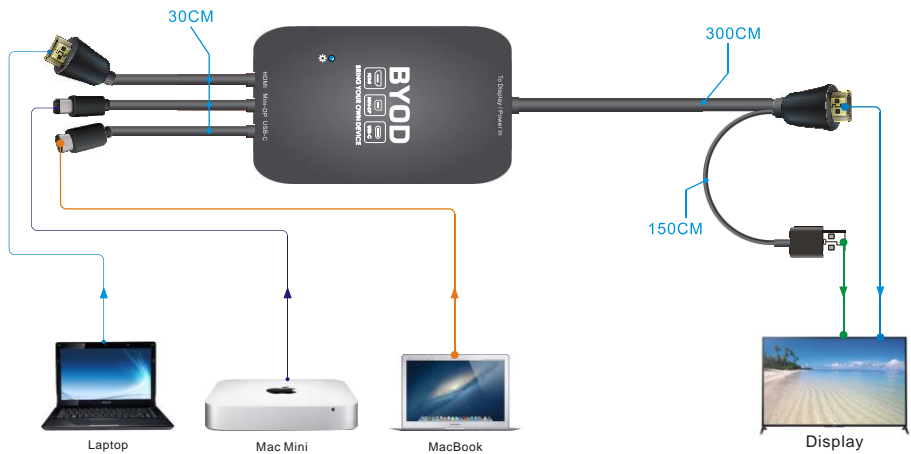
- ① Type-A HDMI input port to connect the device with HDMI output.

HDMI 2.0 3x1 Multi-format Presentation Switcher

- ② Mini DP input port to connect Mac MINI or other devices with Mini DP output.
- ③ Type-C USB input port to connect MacBook, Chromebook, or other devices with SlimPort output.
- ④ The power LED illuminates blue when power is applied and is off when no power is present.
- ⑤ Type-A HDMI output port to connect display.
- ⑥ Type-A USB port to connect the display or other device to power the switcher.

4. System Connection

The following diagram illustrates typical input and output connections that can be utilized with this switcher:



HDMI 2.0 3x1 Multi-format Presentation Switcher

5. Specification

Input	
Connector Type	(1) Type-A HDMI, (1) Mini DP, (1) Type-C USB
HDMI Video Resolution	Up to 4K@60Hz 4:4:4, HDR
Mini DP Video Resolution	Up to 4K@60Hz 4:4:4
USB-C Video Resolution	Up to 4K@60Hz 4:4:4
HDMI Audio	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, and DTS-HD® Master Audio™ pass-through.
HDMI Version	2.0
DP Version	1.2
HDCP Version	HDCP 2.2 compliant.
HDMI/Mini DP/USB-C Input Cable Length	30 cm
Output	
Connector Type	(1) Type-A HDMI, (1) Type-A USB
HDMI Version	2.0
DP Version	1.2
HDCP Version	2.2, Pass-through
Video Resolution	Up to 4K@60Hz 4:4:4, HDR
HDMI Output Cable Length	300 cm
USB-A Cable Length	150 cm
General	
Operation Temperature	-5 °C - +55 °C
Storage Temperature	-25 °C - +70 °C
Relative Humidity	10% - 90%
Power Supply	Powered via USB-A from display end.
Power Consumption	Max. 1.8 W
Dimension (W*H*D)	135 mm x 83 mm x 20 mm
Net Weight	370 g (Including cables)