



User Manual

8K60 5×1 HDMI Switcher

PT-SW-HDB51-48G

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What's included



Q.1 Main Unit



Q.1 Remote Control (2*AAA Batteries Not Included)



Q.1 USB Power Cable

Introduction

The Bundl 8K60 5x1 HDMI switch provides one compact but powerful switch. Five 8K60 HDMI inputs bring you flexibility and comprehensive connectivity at 8K60 resolutions. Our 8K60 5 x1HDMI switch is compatible with HDR10+ and Dolby Vision. The front panel offers clear diagnostics of selected input, along with a local input button accompanied by an infrared remote with discrete input choices. Choose from manual switching or set to automatic switching for touch free operation.

Enjoy hassle-free operation with three different switching modes:

1. Manual Switching: Enables you to manually select your HDMI™ source with easy-to-use panel button.
2. Remote Control Switching: Enables you to control the switch at a distance.
3. Automatic Switching: Enables your most recently activated video source to be displayed automatically.

And it also features the Automatic and Manual Switching mode change function and IR receiver on/off function via long press the switch button for 3 and 6 seconds to meets customers' needs.

Standards & Compliance



Features

Manual and automatic switching mode can be changed to another via long pressing the selector button for 3-5 seconds.

- High-definition resolution 8K@60Hz 4:4:4, 4K@120Hz and 1080P@240Hz
- 1200MHz/12Gbps per channel bandwidth (48Gbps all channels)
- 12bit per channel (36bit all channels) deep color
- HDCP 2.3, and back compatible with the HDCP2.2 and HDCP1.4
- High Dynamic Range (HDR) video pass-through, such as HDR10/HDR10+/Dolby vision etc.
- VRR (Variable Refresh Rate), ALLM (Auto Low-latency Mode), and QFT (Quick Frame Transport) function
- Built-in Equalizer, Retiming and Driver
- Consumer Electronics Control
- Automatic switching (smart function), manual switching and remote control switching
- IR receiver on/off function via long press the selector button for 6 seconds , turn on the IR receiver function for normal use and turn off the IR receiver function to avoid the unwished remote control the switch for using the same Infrared code
- Uncompressed audio such as LPCM
- DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Specifications

Standards & Compliance	
Signal Standards	HDMI 2.0
HDCP	HDCP 2.3
Regulatory Certifications	CE
Connector Types	
HDMI Inputs	5 × HDMI IN (Type A)
HDMI Outputs	1 × HDMI OUT (Type A)
Performance	
Max Video Resolution	8K60 (4:4:4)
Video Bandwidth	48 Gbps
Color Space	RGB
Color Depth	12-bit
Dynamic Metadata Support	HDR10+, HDR10, HDR, Dolby Vision
Communications & Control	
IR Remote	Handheld IR remote
Control Connector Type	3.5mm TRS

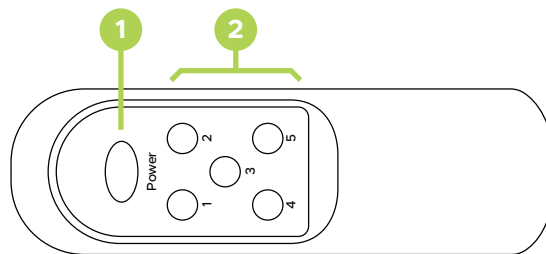
Power	
Power Input	AC 100 - 240V 50/60Hz
Power Supply	USB-C
Power Consumption	5W
Environment	
Operating Temperature	32 to 158°F / 0 to 70°C
Relative Humidity	5 to 90% RH (no condensation)
Enclosure	
Product Dimensions (W × D × H)	6.31 in x 2.42 in x 0.57 in (160.3mm x 61.5mm x 14.5mm)
Weight	0.45 lbs (200g)
Warranty	
Parts	1 year
Labor	1 year

Note: Specifications are subject to change without notice.



Connections and Diagnostics

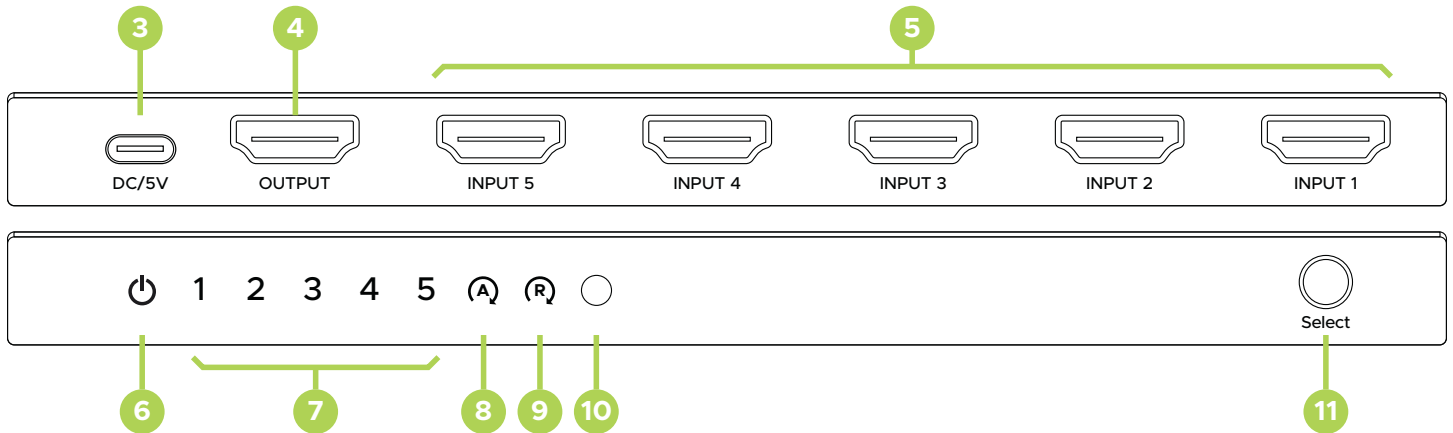
Remote Control






Remote Control Size: 5.06 x 1.57 x 0.7in (128.5 x 40 x 17.5mm)

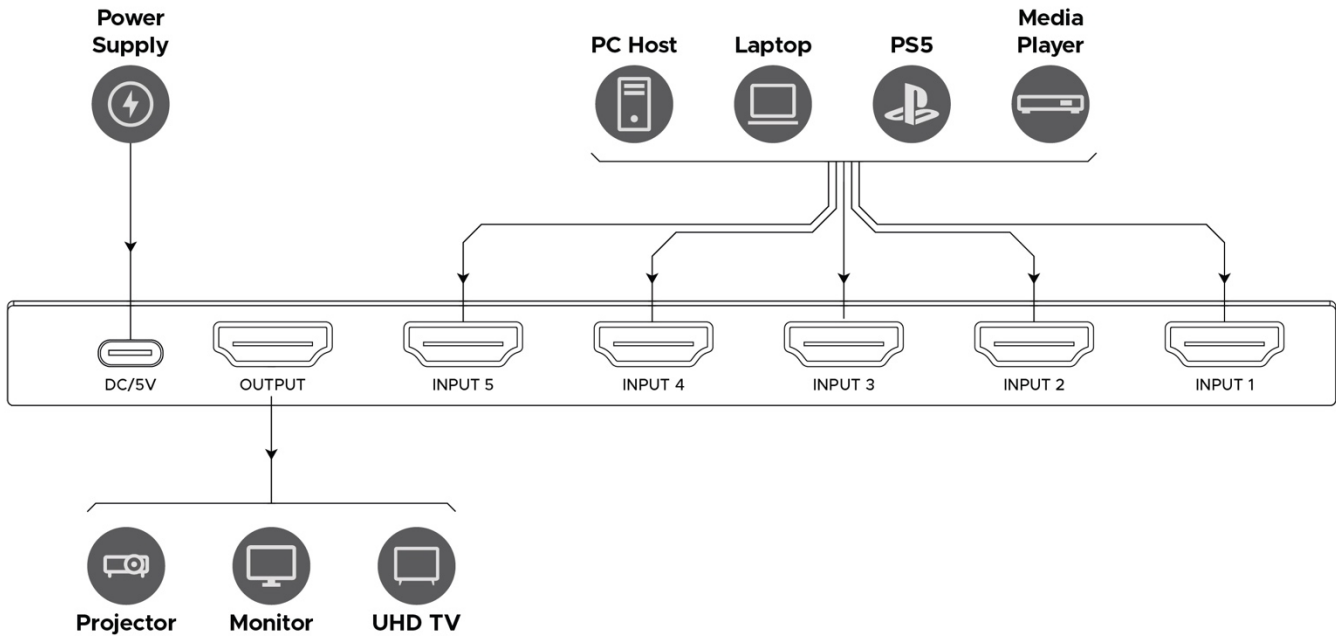
1. Power: Pressing to turn on/off the switcher
2. 1-5: Pressing the number to select the input source accordingly

Front and Rear Panel



3. DC/5V: DC 5V Input via USB-C
4. OUTPUT: HDMI Output Port
5. INPUT1-5: HDMI Input 1-5 Port
6. : Power LED Indicator
Red LED indicates “Standby Mode”
Blue LED indicates “Working Mode”
No LED indicates “No Power supply connected”.
7. 1/2/3/4/5: Input Port1/2/3/4/5 LED Indicators
Blue LED indicates “Active Signal Path”.
No LED indicates “No Input Signal”.
8. : Auto Mode LED Indicator,
ON is In Automatic Switching Mode
OFF is in Manual Switching Mode
9. : IR Mode LED Indicator,
ON is in normal IR receiver Mode
OFF is in no IR Function Mode
10. IR: IR Signal Receiver Port
11. SWITCH: Short press to change the input channel; and long press the selector button till 3 seconds to change the manual switching or automatic switching mode, Auto mode LED indicator on for automatic switching mode and off for manual switching mode; and if long press the selector button for 6 seconds to turn on/off the IR receiver mode, IR mode LED indicator, on is in normal IR receiver mode, off is in no IR function mode.

Application Diagram



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