

8K@60Hz Bi-Directional 2-Port HDMI Switch

Switches Between Two HDMI Inputs on One HDMI Output (2x1) or One Input on Two Outputs (1x2), 4K@120Hz, 48G, Black

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High-end Bidirectional HDMI Switch with 8K60Hz / 4K120Hz - Switch between two source devices to one output or one source device to two outputs

The compact Manhattan 8K@60Hz Bi-Directional 2-Port HDMI Switch lets you share an HDMI 2.1 TV, monitor or projector with two HDMI 2.1 sources without distorting or degrading your video. It features two independent video inputs that can each support 8K resolution at 60 Hz, making it the perfect solution for connecting and watching either video source on a display that has only one available HDMI 2.1 port.

Limited HDMI splitter function

As this switch is bidirectional, it also works the other way around: If you want to connect your source device, like a PC, to both a monitor and a projector for displaying the image depending on whether you sit at your desk or on your couch, this is the solution for you. Just keep in mind that you can only use one output at a time. To get the image on two screens simultaneously, you need a full-scale HDMI splitter (also available from Manhattan).

Brilliant colors and contrast with Dynamic HDR and Dolby Vision™

This HDMI switcher delivers images in incredible 8K (7680 x 4320) at rapid 60 Hz or 4K UHD at blazing fast 120 Hz with Dynamic HDR and Dolby Vision™ for perfect contrast and colors. With full 4:4:4 chroma subsampling, it does not compress the signal to work at inferior bitrates. It can transmit bandwidths up to 48 Gbps for high-resolution computer tasks.

Easy installation and wide compatibility

Full compliance with HDMI 2.1 and HDCP 2.3 ensures that this 2-way Switch can provide reliable performance. Just connect HDMI 2.1 cables (not included, available from Manhattan) to complete this affordable Ultra-High-Definition, 8K HDMI solution - no software/hardware configuration or complicated settings required. Full backward compatibility with 4K@60Hz, 4K@30Hz and 1080p displays ensures that it will work with any HDMI source or destination device. This 8K Switch is also great for digital signage applications, where you want to display multiple source devices at different times or for sharing a high-end projector between multiple high-end sources.

Features:

- Switches between two HDMI sources on a single display or between two displays on a single source (no simultaneous output on two displays)
- Supports 8K@60Hz, 4K@120Hz, 1440p@144Hz (WQHD) and 1080p@240Hz resolutions
- Dynamic HDR for superior contrast and brilliant colors
- Supports Dolby Vision™ and Dolby Atmos®
- Gold-plated contacts for corrosion-free connections
- Up to 48 Gbps total bandwidth with 12 Gbps per channel at 1200 MHz
- Fully backward compatible with 4K@30Hz and 1080p displays
- 4:4:4 chroma subsampling
- Top-mount push-button to switch between sources or displays
- LED indicators for power and active input/output
- Enhanced features include Variable Refresh Rate (VRR), Quick Media Switching (QMS), Quick Frame Transport (QFT) and Auto Low Latency Mode (ALLM)
- Supports compressed DTS-HD Master Audio, uncompressed LPCM 8 channel (7.1 surround sound) audio and Dolby TrueHD as well as 32-channel audio
- Compatible with every HDMI device - TVs, projectors, monitors, notebooks, PCs, AV receivers, streaming boxes, game consoles, PlayStation® (PS4/PS5), Xbox® (One/Series S/Series X), Blu-ray players and more

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- Plug-and-play installation; no configuration required
- Fully HDCP 2.3 compliant, backward compatible
- Rubber bottom for non-slip desktop use
- Bus powered: no external power supply needed
- Three-year warranty

Specifications:

Standards and Certifications
• HDMI 2.1
• HDCP 2.3
• CE
• FCC
• RoHS
• REACH
• UKCA

General
• Supported resolutions: 480p/576i/720p/1080i/1080p@240Hz/1440p@144Hz/4K@120Hz/8K@60Hz
• Max. video bandwidth: 48 Gbps / 1200 MHz
• Power consumption: 5.0 W (max.)
• Transmission: bi-directional

Connections/buttons
• Three HDMI females 19-pin
• One Select button

LEDs
• Power
• Input/Output 1
• Input/Output 2

Physical
• Dimensions (L x W x H): 74 x 32 x 15 mm (2.91 x 1.26 x 0.59 in.)
• Net weight: 28 g (0.99 oz.)
• Gross weight: 48 g (1.69 oz.)
• Housing: ABS plastic

Operating Environment
• Operation temperature: 0 - 70°C (32 - 158°F)
• Storage temperature: -20 - 80°C (-4 - 176°F)
• Humidity (non-condensing): 5 - 90%

Package Contents
• 8K@60Hz Bi-Directional 2-Port HDMI Switcher
• Instructions

NOTE: When used for switching between two displays from a single HDMI source, this switch does not support simultaneous output on both displays. For such an application, you require an HDMI splitter (available from Manhattan).

This product is part of a group; the complete list of variations follows:
• #207850 - 4K@60Hz Bi-Directional 2-Port HDMI Switch
• #207997 - 8K@60Hz Bi-Directional 2-Port HDMI Switch





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