

## 8-Port HDMI Splitter - 4K 60 Hz, HDR10, Multi-Resolution Support, TAA

MODEL NUMBER: **B118-008-4K**



HDMI 4K splitter transmits 4K video and audio from one HDMI source to 8 HDMI displays at the same time.

### Features

#### 4K HDMI Splitter Transmits 4K Video + Audio to 8 HDMI Displays at the Same Time

Recommended for home theaters or short-distance digital signage applications in classrooms, offices, restaurants, bars, hotels and trade shows, this Ultra High Definition (UHD) HDMI splitter is quick and easy to install. It connects to an HDMI source device, such as a laptop or Blu-ray player, and transmits an 4K audio/video signal to eight HDMI monitors, projectors or televisions simultaneously. Multi-resolution output allows video content to be presented at the optimal resolution for each display's capabilities.

#### Transmits 4K Video with HDR10 and 4:4:4 Color

The B118-008-4K supports Ultra HD 4K resolutions up to 3840 x 2160 at 60 Hz with 36-bit Deep Color (12 bits per channel), as well as LPCM 7.1-channel surround sound. Place the splitter up to 15 feet from an HDMI source and up to 15 feet from a connected monitor for a maximum distance of nearly 30 feet from source to display. High Dynamic Range (HDR10 and Dolby Vision HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 encryption allows you to stream 4K content with no loss in resolution. This splitter also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or for using your HDTV as a PC monitor.

#### Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions

Say you have a brand new 4K/60 Hz HDTV in the living room, but want to also connect your Blu-ray player or media server to the older 1080p TV in the kitchen and the 4K/30 Hz monitor in your home office. The B118-008-4K is backward compatible with 4K and 1080p resolutions via automatic switching, allowing each connected display to show video at its maximum resolution without affecting the other outputs.

#### Ready to Use Right Out of the Package

The plug-and-play HDMI splitter requires no software to download and install. User-supplied HDMI cables (such as P569-Series, sold separately) connect the splitter to both the source and displays. The included external power supply comes with four international plug adapters that allow you to use the B118-008-4K around the world. Use the included mounting hardware to install the splitter on a wall or other flat surface.

## Specifications

### Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) with High Dynamic Range (HDR10)
- Multi-resolution function allows combination of different display resolutions at once
- Includes 4 international plug adapters to allow use of the splitter around the world
- Plug-and-play operation: no software required means easy, immediate installation

### System Requirements

- Source device with HDMI output (media server, Blu-ray player, satellite/cable box, laptop)
- Display devices with HDMI input (HDTV, projector, monitor)

### Package Includes

- B118-008-4K 8-Port HDMI Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Wall-mounting hardware
- Installation Instructions



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| OVERVIEW                                  |                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------|
| UPC Code                                  | 037332290014                                                                 |
| Product Type                              | Splitter                                                                     |
| Device Compatibility                      | Monitor/HDTV                                                                 |
| Technology                                | HDMI                                                                         |
| Host Connector                            | HDMI (FEMALE)                                                                |
| VIDEO                                     |                                                                              |
| Max Supported Video Resolution            | 3840 x 2160 (4K) @ 60Hz                                                      |
| Max. Distance (Between any 2 Units)       | 30 ft. (9.14m)                                                               |
| Max Supported Color Depth                 | 12-bit                                                                       |
| HDR Support                               | Yes                                                                          |
| 3D Video Supported                        | Yes                                                                          |
| Chroma Sub Sampling                       | 4:2:0; 4:2:2; 4:4:4                                                          |
| EDID Support                              | Yes                                                                          |
| AUDIO                                     |                                                                              |
| Audio Specification                       | 7.1 ch LPCM, AC3, DTS, Bit Depth up to 24bits, Sample rate up to 192Khz      |
| INPUT                                     |                                                                              |
| AC Power Adapter Plug(s)                  | AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.35A                                                   |
| AC Power Adapter Output Specs (V / A)     | 5V / 2A                                                                      |
| AC Power Adapter Cord Length (ft.)        | 4.5                                                                          |
| AC Power Adapter Cord Length (m)          | 1.37                                                                         |
| Voltage Compatibility (VAC)               | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240                             |
| Input Frequency                           | 50/60Hz                                                                      |
| Bus Powered                               | No                                                                           |
| POWER                                     |                                                                              |
| Power Source Type                         | AC Adapter                                                                   |
| Power Over Cable (PoC) Support            | No                                                                           |
| AC Adapter                                | Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 2A, 4.5 ft                      |
| Power Consumption (Watts)                 | 10.00                                                                        |
| CONNECTIONS                               |                                                                              |



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|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Number of Ports                              | 8                                                |
| Side A - Connector 1                         | HDMI (FEMALE)                                    |
| Side B - Connector 1                         | (8) HDMI (FEMALE)                                |
| Connector Plating                            | Nickel                                           |
| Input x Output                               | 1 x 8                                            |
| Daisy-chainable / Cascadable                 | No                                               |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                  |
| LED Indicators                               | (x8) Orange (Monitor Signal); (x1) Green (Power) |
| <b>PHYSICAL</b>                              |                                                  |
| Color                                        | Black                                            |
| Material of Construction                     | SECC                                             |
| Form Factor/Mounting Options                 | Box; Wall-mount                                  |
| Rackmountable                                | No                                               |
| Shipping Dimensions (hwd / in.)              | 2.16 x 6.61 x 13.85                              |
| Shipping Dimensions (hwd / cm)               | 5.50 x 16.80 x 35.20                             |
| Shipping Weight (lbs.)                       | 1.98                                             |
| Shipping Weight (kg)                         | 0.90                                             |
| Unit Dimensions (hwd / in.)                  | 1.170 x 9.250 x 3.940                            |
| Unit Dimensions (hwd / cm)                   | 3 x 23.5 x 10                                    |
| Unit Dimensions (in.)                        | 1.17 x 9.25 x 3.94                               |
| Unit Weight (lbs.)                           | 1.98                                             |
| Unit Weight (kg)                             | 0.90                                             |
| <b>ENVIRONMENTAL</b>                         |                                                  |
| Operating Temperature Range                  | 32° to 104°F (0° to 40°C)                        |
| Storage Temperature Range                    | 5° to 122°F (-15° to 50°C)                       |
| Relative Humidity                            | 0 -85%, Non-Condensing.                          |
| <b>COMMUNICATIONS</b>                        |                                                  |
| EDID Compatible                              | No                                               |
| IR Remote Extension Support                  | No                                               |
| RS-232 Serial Extension Support              | No                                               |
| Consumer Electronics Control (CEC) Supported | No                                               |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                                                  |



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|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| 10/100 Ethernet Extension Support    | No                                                                   |
| Integrated/Removable Cable           | No                                                                   |
| MST Support                          | No                                                                   |
| Mounting Accessory Included          | No                                                                   |
| Multi-Resolution Support             | No                                                                   |
| HDCP Specification                   | 1.4; 2.2; 2.3                                                        |
| Driver Required                      | No                                                                   |
| DIN Mountable                        | No                                                                   |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                      |
| External Power Supply Certifications | FCC; UL; cUL                                                         |
| Product Compliance                   | CE (Europe); FCC (USA); RoHS; Trade Agreements Act (TAA); UKCA; WEEE |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                      |
| Product Warranty Period (Worldwide)  | 1-year limited warranty                                              |

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