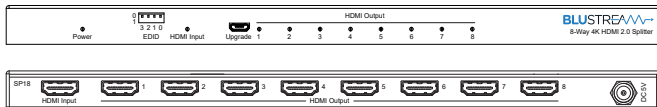


SP18

Quick Reference Guide



Introduction

The Blustream SP18 4K HDMI splitter distributes a single HDMI source to eight simultaneous HDMI outputs. The SP18 supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.

Key Features:

- Features 1x HDMI input that is replicated to 8x HDMI outputs
- Supports HDMI 2.0 18 Gbps specification including HDR
- Supports up to 4K UHD 60Hz 4:4:4
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications
- Advanced EDID management
- HDCP 2.2 Support

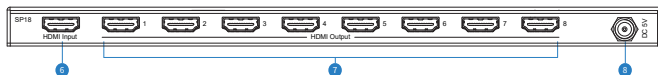
Panel Description

Front Panel:



- ① Power LED - illuminates if SP18 is powered on
- ② EDID DIP switch - used to adjust HDMI input EDID settings
- ③ Input LED - illuminates if HDMI input is active
- ④ Micro USB connector - used for firmware upgrade
- ⑤ Output LED - illuminates if HDMI output is active

Rear Panel:



- ⑥ HDMI input - connect to HDMI source
- ⑦ HDMI outputs 1-8 - connect to HDMI displays
- ⑧ Power port - use included 5V/4A DC power adaptor

Adjusting The EDID Settings

The EDID configuration can be altered using the dip-switches located on the rear panel of the splitter.

Please see the following list for EDID settings.

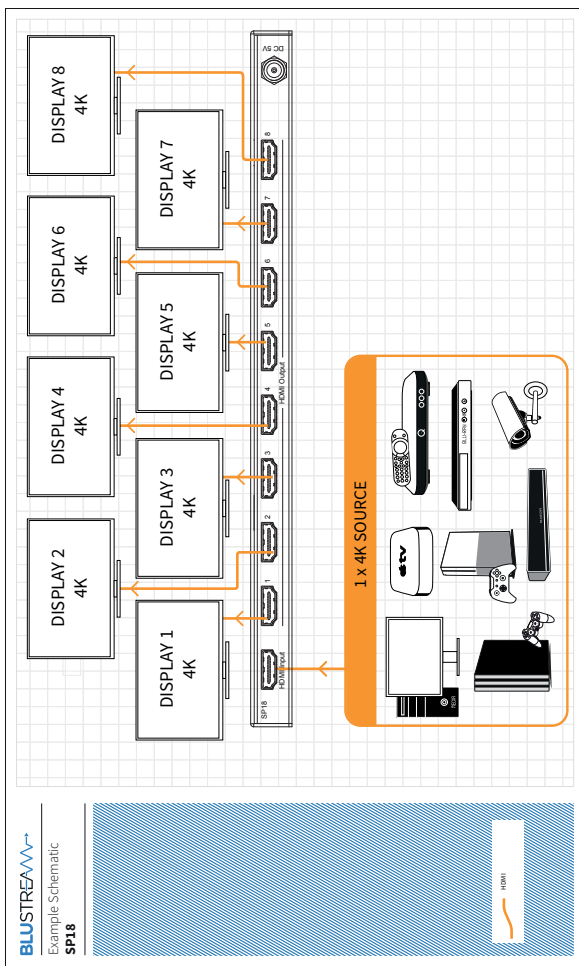
Note: You must power-cycle the HDMI splitter and source device after changes have been made in order for the EDID settings to update.

EDID Dip-switches



Dip-switch position '0' = Off
Dip-switch position '1' = On

DIP ON ▼ / OFF ▲ SWITCHING POSITIONS				EDID TYPE
3	2	1	0	
OFF	OFF	OFF	OFF	HDMI 1080p@60Hz, Audio 2ch PCM
OFF	OFF	OFF	ON	HDMI 1080p@60Hz, Audio 5.1ch PCM/DTS/DOLBY
OFF	OFF	ON	OFF	HDMI 1080p@60Hz, Audio 7.1ch PCM/DTS/DOLBY/HD
OFF	OFF	ON	ON	HDMI 1080i@60Hz, Audio 2ch PCM
OFF	ON	OFF	OFF	HDMI 1080i@60Hz, Audio 5.1ch PCM/DTS/DOLBY
OFF	ON	OFF	ON	HDMI 1080i@60Hz, Audio 7.1ch PCM/DTS/DOLBY/HD
OFF	ON	ON	OFF	HDMI 4K@60Hz 4:2:0+4K@30Hz 4:4:4, Audio 2ch PCM
OFF	ON	ON	ON	HDMI 4K@60Hz 4:2:0+4K@30Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY
ON	OFF	OFF	OFF	HDMI 4K@60Hz 4:2:0+4K@30Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD
ON	OFF	OFF	ON	HDMI 4K@60Hz 4:4:4, Audio 2ch PCM
ON	OFF	ON	OFF	HDMI 4K@60Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY
ON	OFF	ON	ON	HDMI 4K@60Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD
ON	ON	OFF	OFF	DVI 1280x1024@60Hz, Audio None
ON	ON	OFF	ON	DVI 1920x1080@60Hz, Audio None
ON	ON	ON	OFF	DVI 1920x1200@60Hz, Audio None
ON	ON	ON	ON	Software Control EDID



Specifications:

Video Input Connectors: 1x HDMI Type A, 19-pin, female

Video Output Connectors: 8x HDMI Type A, 19-pin, female

EDID: 4-Pin DIP switch

Dimensions Inc. Connections (W x D x H): 273mm x 109mm x 13mm

Shipping Weight: 0.7kg

Operating Temperature: 32°F to 104°F (0°C to 40°C)

Storage Temperature : -4°F to 140°F (-20°C to 60°C)

Power Supply : 5V/4A DC

Package Contents:

- 1x SP18
- 1x 5V/4A DC power supply
- 1x Mounting kit
- 1x Quick reference guide

NOTE: Specifications are subject to change without notice. Weights and dimensions are approximate.

Certifications

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION - changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CANADA, INDUSTRY CANADA (IC) NOTICES

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CORRECT DISPOSAL OF THIS PRODUCT

This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.