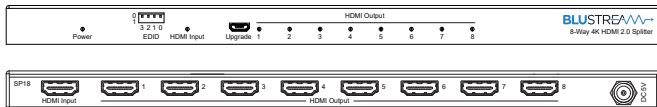


# SP18

## 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 all known HDMI audio formats including Dolby TrueHD, Atmos and DTS-HD Master Audio transmission
- Advanced EDID management
- HDCP 2.2 Support

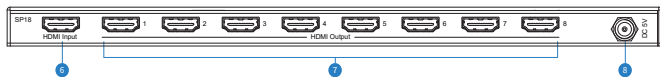
## Panel Description

### 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.

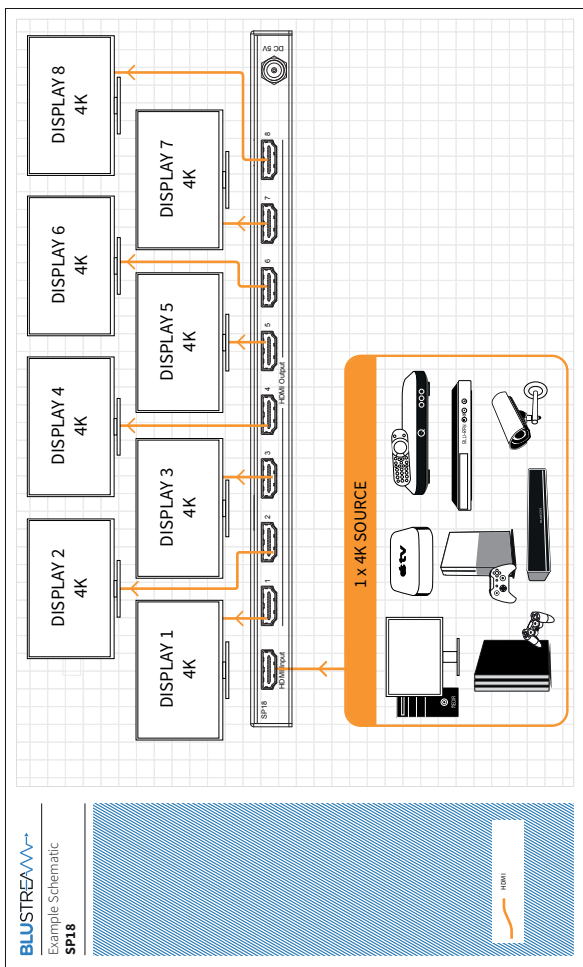
Note: You must power-cycle the HDMI splitter and source device after changes have been made in order for the EDID settings to update.

### 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

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## 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.