

# XT-SP12-4K18G

## User Manual



## Introduction

The XT-SP12-4K18G 4K HDMI 2.0 splitter distributes a single HDMI source to two simultaneous outputs. The splitter supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4. The 2-way splitter also includes the advanced features of audio breakout and EDID management.

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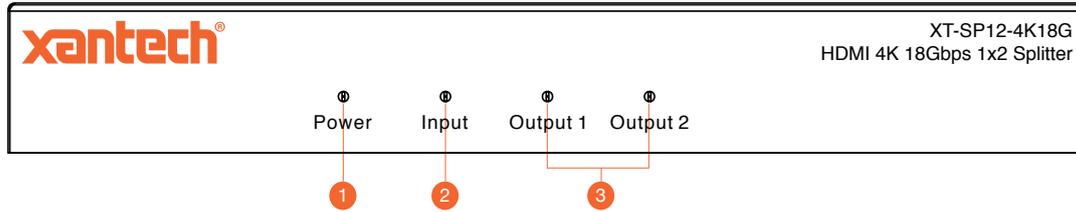
### Key Features

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- Features 1x HDMI input that is replicated to 2x HDMI outputs
- Supports full HDMI 2.0 specification 4K UHD video (4K @ 60Hz 4:4:4)
- HDCP 2.2 compliant
- Not support CEC
- Supports 3D signal display
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio Transmission
- Advanced EDID management
- HDMI audio breakout to analog L/R audio and coaxial digital outputs concurrently

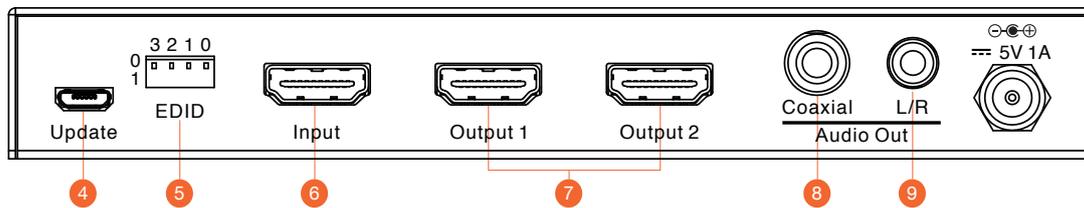
# Panel Description

## Front Panel



- 1 Power LED - indicates if XT-SP12-4K18G is on or off
- 2 Input LED - indicates if HDMI input is active
- 3 Output LED - indicates if HDMI output is active

## Rear Panel



- 4 Micro USB connector used for firmware upgrade
- 5 EDID DIP switch - used to adjust HDMI input EDID settings
- 6 HDMI input - connect to HDMI source
- 7 HDMI outputs 1 and 2 - connect to HDMI displays
- 8 Coaxial digital audio output
- 9 Analog L/R audio output - 3.5mm stereo audio jack, Supports 2 channel PCM only
- 10 Power port - use included 5V/1A DC power adaptor

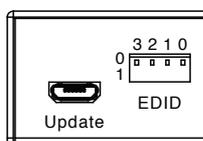
# Adjusting The EDID Settings

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

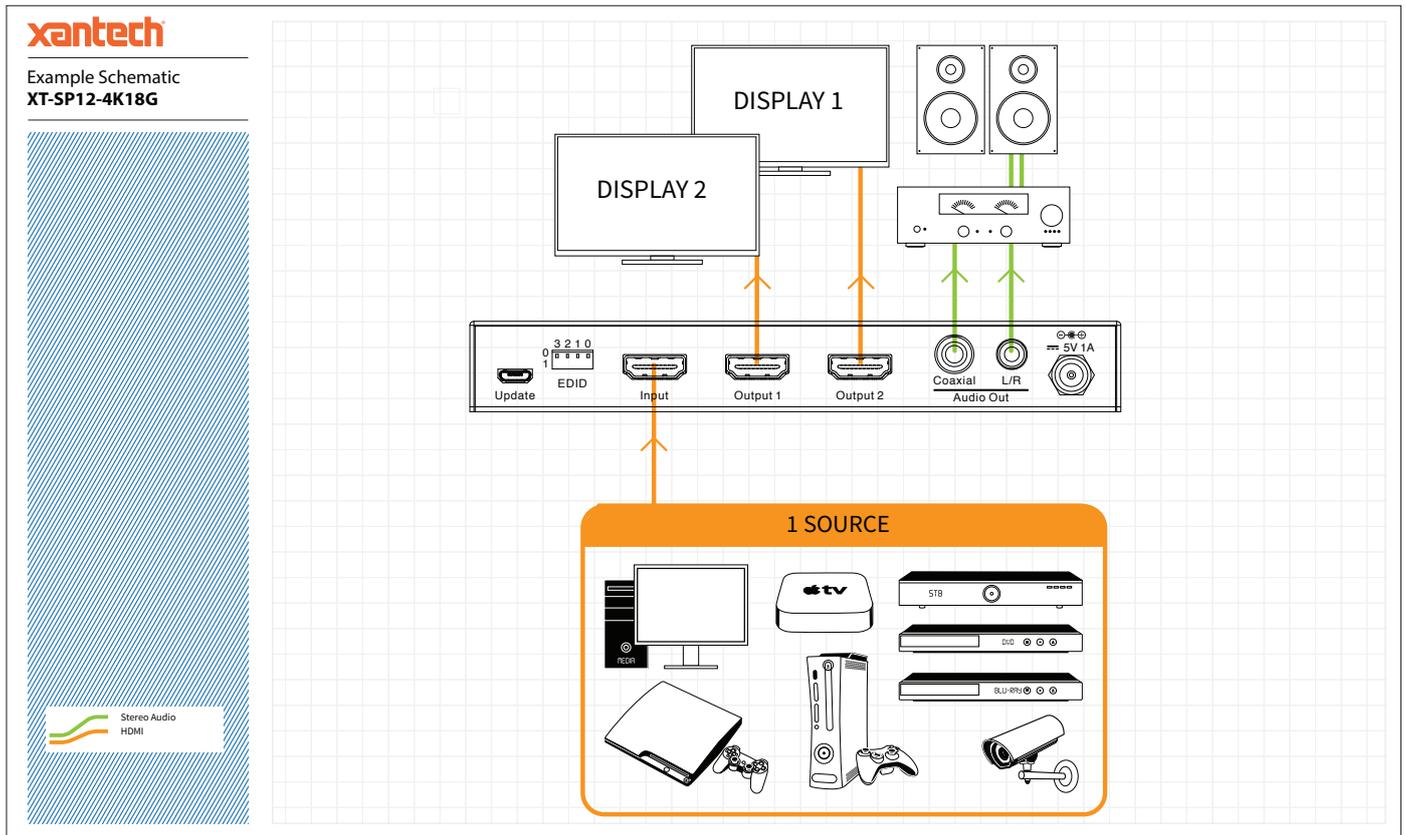
Please see table below for EDID settings.

**Note: You must power-cycle the unit kit after changes have been made in order for the EDID settings to update.**

EDID Dip-switches



- [DIP]=0000: HDMI 1080p@60Hz, Audio 2ch PCM
- [DIP]=0001: HDMI 1080p@60Hz, Audio 5.1ch PCM/DTS/DOLBY
- [DIP]=0010: HDMI 1080p@60Hz, Audio 7.1ch PCM/DTS/DOLBY/HD
- [DIP]=0011: HDMI 1080i@60Hz, Audio 2ch PCM
- [DIP]=0100: HDMI 1080i@60Hz, Audio 5.1ch PCM/DTS/DOLBY
- [DIP]=0101: HDMI 1080i@60Hz, Audio 7.1ch PCM/DTS/DOLBY/HD
- [DIP]=0110: HDMI 4K@60Hz 4:2:0 + 4K@30Hz 4:4:4, Audio 2ch PCM
- [DIP]=0111: HDMI 4K@60Hz 4:2:0 + 4K@30Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY
- [DIP]=1000: HDMI 4K@60Hz 4:2:0 + 4K@30Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD
- [DIP]=1001: HDMI 4K@60Hz 4:4:4, Audio 2ch PCM
- [DIP]=1010: HDMI 4K@60Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY
- [DIP]=1011: HDMI 4K@60Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD
- [DIP]=1100: DVI 1280x1024@60Hz, Audio None
- [DIP]=1101: DVI 1920x1080@60Hz, Audio None
- [DIP]=1110: DVI 1920x1200@60Hz, Audio None
- [DIP]=1111: Copy EDID from HDMI Output 1



## Specifications:

- Video Input Connectors:** 1x HDMI Type A, 19-pin, female
- Video Output Connectors:** 2x HDMI Type A, 19-pin, female
- Audio Output Connectors:** 1x RCA (SPDIF), 1x 3.5mm stereo jack (L/R)
- EDID:** 4-Pin DIP switch
- Casing Dimensions (W x H x D):** 159mm x 64mm x 22mm
- Dimensions Inc. Connections (W x H x D):** 159mm x 71mm x 22mm
- Shipping Weight:** 0.4kg
- 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/1A DC

## Package Contents:

- 1x XT-SP12-4K18G
- 1x 5V/1A DC power supply
- 1x Mounting kit
- 1x Quick reference guide

## 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.

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