



LINK 1X2-4KSPLIT

18Gbps 1x2 HDMI™ Splitter

User Manual

Version: V1.0.0



Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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Introduction

Overview

This 1x2 HDMI Splitter is an advanced solution for splitting an HDMI content to 2 HDMI outputs synchronously. It provides high performance audio and video up to 4K@60Hz (4:4:4) and is capable of receiving, retiming and transmitting up to 18Gbps of bandwidth with no data loss.

Features

- HDCP 2.2 compliant
- Video resolution up to 4K2K@60Hz with 24bit RGB/YCBCR
- 4:4:4, as specified in HDMI 2.0b
- VESA format up to QSXGA@60Hz
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Built-in equalizer, retiming and driver
- Smart EDID, STD(1080p) mode and TV(copy OUT1) mode
- Compact design for an easy and flexible installation
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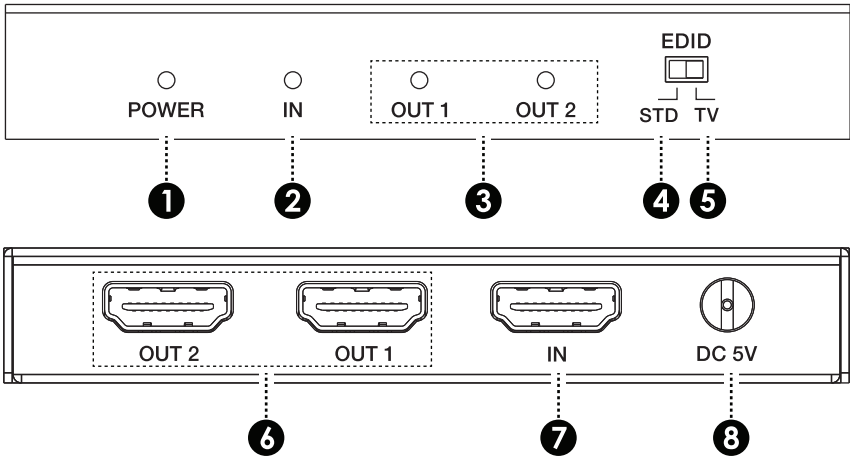
Package Contents

- 1× 18Gbps 1×2 HDMI Splitter
- 1× 5V/1A Power Adapter
- 1× User Manual

Specifications

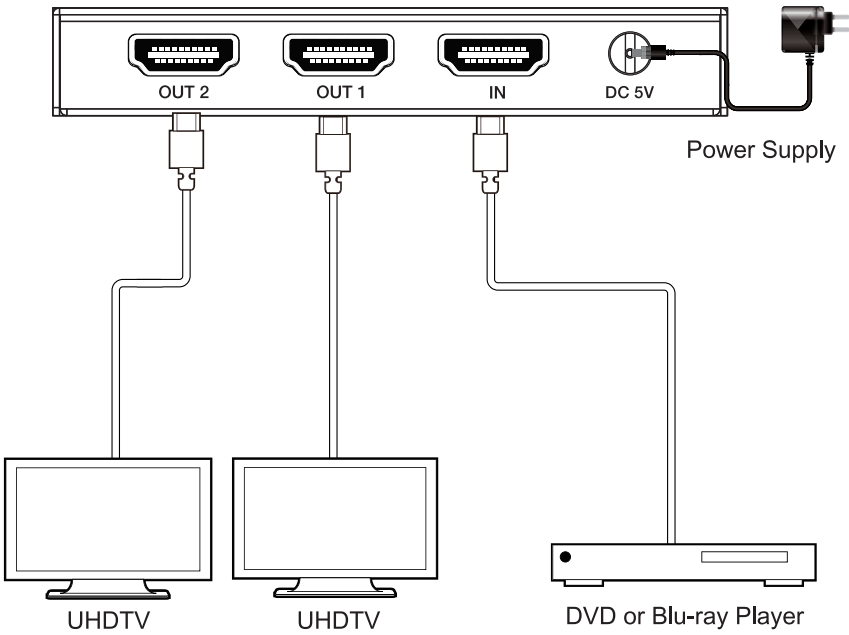
Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	600MHz/18Gbps
Input Port	1×HDMI Type A (19-pin female)
Output Ports	2×HDMI Type A (19-pin female)
Video Resolution	4K2K@24/25/30/60Hz
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Mechanical	
Chassis Material	Metal Enclosure
Color	Black
Dimensions	56mm (W) × 100mm (D) × 16mm (H)
Weight	165g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	2W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	20%~80% (relative humidity, non-condensing)
Storage Humidity	10%~90% (relative humidity, non-condensing)

Operation Controls and Functions



No.	Name	Function description
1	POWER LED	The blue LED will be on when the unit is connected with power supply.
2	IN LED	The blue LED will be on when the unit is connected to the source device.
3	OUT 1~2 LED	These blue LEDs will light up to indicate which HDMI output is connected to an active TV/display/monitor.
4	EDID STD	When in 'STD' mode, the unit will use its own built-in EDID settings. In this mode, the video output will be set to 1080p@60Hz and the audio output at LPCM 2CH Stereo.
5	EDID TV	When in 'TV' mode, the unit will read the EDID settings of the display device connected to the OUT 1 port.
6	OUT 1~2	Connect each of the HDMI output to an HDMI display for simultaneous HDMI distribution, or cascade the output to another splitter to extend the operating distance.
7	IN	Connect the input port to the HDMI output of your source device such as a DVD player or set-top box with an HDMI cable.
8	DC 5V	Plug the 5V DC power supply into the unit and connect the adaptor to an AC outlet.

Application Example



Warranty

All LINK products come with a 2-year limited liability warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified, or disassembled. Warranty items only by authorized resellers. Warranty not eligible for products purchased through non-authorized online sellers.

A product that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the date of reshipment to the buyer. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number. The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed. Proof of sale may be required in order to claim warranty.

