

TrueReach

8K 60Hz Ultra HD 1 to 4

HDMI™ SPLITTER



User Manual
Y10G012-B1

Important safety notice

1. Do not expose this device to rain, moisture and liquid.
2. Do not put any stuff into the device.
3. Do not disassemble or repair this device without qualified service technician.
4. Make sure the specification matched if using 3rd party DC adapters.

Introduction

This TrueReach HDMI Splitter is an 8K HDMI splitter designed to split one HDMI input signal into four HDMI output signals. Utilizing the latest HDMI2.1 standard, it supports video signal transmission up to 8K@60Hz/4K@120Hz. With HDR10+, Dolby Vision high dynamic range image, and Variable Refresh Rate (VRR) technology, the screen display is exceptionally detailed and smooth. This splitter finds wide applications in TV stores, cinemas, outdoor advertising, home entertainment, and more.

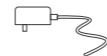
Features

- Divides one HDMI input signal into four HDMI display device output signals.
- Supports resolutions up to 8k@60Hz/4k@120Hz, with backward compatibility.
- Includes support for HDR10+, Dolby Vision for high dynamic range images.
- Supports Variable Refresh Rate (VRR) technology.
- Compatible with HDMI 3D technology.
- Features EDID passthrough and automatic downscaling for optimal signal transmission.
- Provides S/PDIF digital audio separation output capability.
- Allows for firmware upgrading via Micro-USB port for easy updates.
- Equipped with lightning protection, surge protection, and ESD protection for added durability.
- Supports 7x24 uninterrupted working, ensuring stable and reliable operation.

Package Contents



Splitter x1



DC5V/2A x1

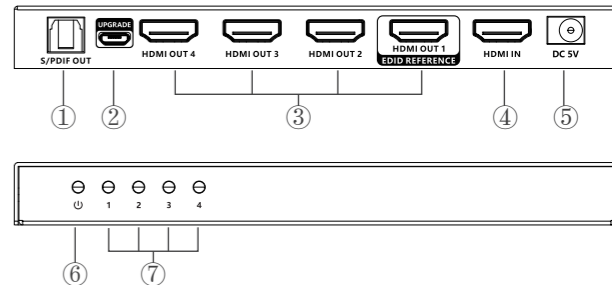


User Manual x1



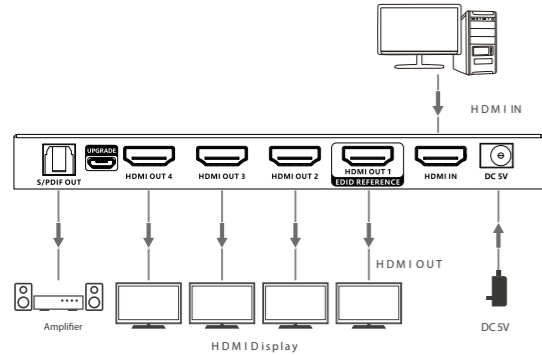
Grounding Screw x1

Panel Description



① S/PDIF Out	Connect to the audio device with digital optical audio cable
② Firmware Upgrading	Connect the computer with Micro USB cable for firmware upgrading
③ HDMI Out 1/2/3/4	Connect with HDMI display devices Note: To ensure that all monitors can show at their maximum resolution or the maximum resolution that all monitors are compatible with, please connect the monitor with highest resolution to HDMI Output 1, which is configured as the port that can output the maximum resolution (via EDID management).
④ HDMI In	Connect HDMI signal source
⑤ DC5V Power Input	Connect with DC 5V/2A power adapter
⑥ Power Light	Steady on: The power is on
⑦ HDMI Signal Light 1/2/3/4	Corresponding to 4 HDMI outputs, the indicator light is steady on when the signal transmission is normal

1. Connection Diagrams



2. Connection Instructions

- 1- Connect the splitter HDMI input interface to the device with HDMI signal source output interface via an HDMI cable.
- 2- Connect the splitter HDMI output interface to the display device with HDMI input interface via an HDMI cable.
- 3- If you need to output the audio of the signal source separately, please connect the speaker or power amplifier with S/PDIF audio cable
- 4- If firmware upgrading is required, please connect the computer with a Micro USB cable.
- 5- Connect the power supply, the power indicator is on, and the product starts to work.

FAQ

Q: There is no image output from the display device.

- A:
- 1) Please check whether the power supply is connected properly and whether the power indicator is always on.
 - 2) Replace the HDMI cable and reconnect it.
 - 3) Check whether the input source of the display device is set to the relevant input channel.

Q: The TV shows unstable images, flashing screen, flashing snow.

- A:
- 1) Check whether the HDMI cable is firmly connected.
 - 2) Reconnect the input signal source to the TV directly, or reset the signal source.
 - 3) When transmitting 8K@60Hz HDMI signal, you will need an HDMI2.1 cable.

Q: The TV sound stuck or silent.

- A:
- 1) Switch other audio formats.
 - 2) Check whether the HDMI cable is firmly connected.

Specification

Items	Description	
	HDMI Input	1x HDMI
	HDMI Output	4x HDMI
	Compatibility	HDMI 2.1, HDMI2.0, HDMI1.4
		HDCP 2.3, HDCP2.2, HDCP1.4
Video signal	Resolutions	7680x4320@24/25/30/50/60Hz
		3840x2160@24/25/30/50/60/120Hz
		1080p@24/25/30/50/60/120Hz
		720p@50/60/100/120Hz
	EDID passthrough, auto downscaling	
	HDR10/HDR10+/Dolby Vision	
	HDMI 3D	
Audio signal	S/PDIF Output	LPCM5.1, DTS 5.1, Dolby 5.1
	HDMI Output	Dolby Atmos, Dolby Digital 7.1CH, Dolby True HD, DTS:X, DTS-HD, LPCM 7.1CH, etc.
	Power Supply	DC5V/2A
	Power Consumption	< 6W
	Operating Environment	Working temperature
Storage temperature		-30 C ~70 C
Humidity		0~90%RH (No condensation)
Physical Properties	Housing	Iron
	Weight	252g
	Color	Black
	Dimensions	160.0(L)*58.0(W)*16.5(H)mm

Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2
	Lightning protection, Surge protection

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