ezcoo

User Manual

1x1 HDMI 2.0 Repeater

4K@60 4:4:4 8bit HDR, Scaler Output
SPDIF Optical Audio Output

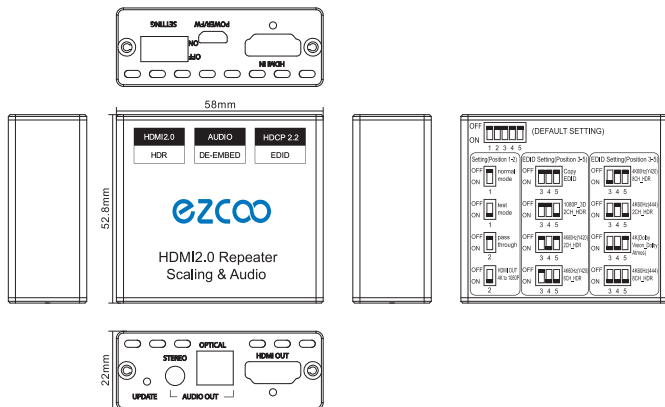EZ-EX11HAS-PRO

Make Installation Easy

OVERVIEW

EZ-EX11HAS-PRO is a 1x1 HDMI repeater with Ultra HD 4K support. It supports HDMI 2.0 specification features including data rates up to 4K@60Hz 4:4:4 8bit, HDR and HDCP2.2, Deep Color，3D, Lip Sync, and HD lossless Audio/Video formats. And support scaler output, 4K to 1080P, and Audio DE-embed,Optical Audio out without TV connected. It is also an EDID manager, HDCP master, signal amplifier as well.

FEATURES

- Supports scaler output,4K to 1080P.

- Support HDMI 2.0 4K@60Hz 4:4:4 8bit and HDCP 2.2.

- Support HDR10 and dolby vision.

- Support Audio DE-embed, Optical Audio out without TV connected.

- Support EDID manager and copy, learning EDID from HDMI OUT.

- Support 3D, Support deep color 30bit,36bit.

- Support Blue-Ray 24/50/60fs/HD-DVDIxvYCC.

- Dolby Digital Audio format,HDMI ports support Dolby Digital 7.1CHAudio;SPDIF Optical Audio supports Dolby Digital/ DTS-HD MasterAudio/Dolby-AC3/DSD/LPCM/PCM 2.1/ 5.1CH Audio. Dolby Atmos.

- Support HDMI signal re-timing, enhanced signal never lose quality.

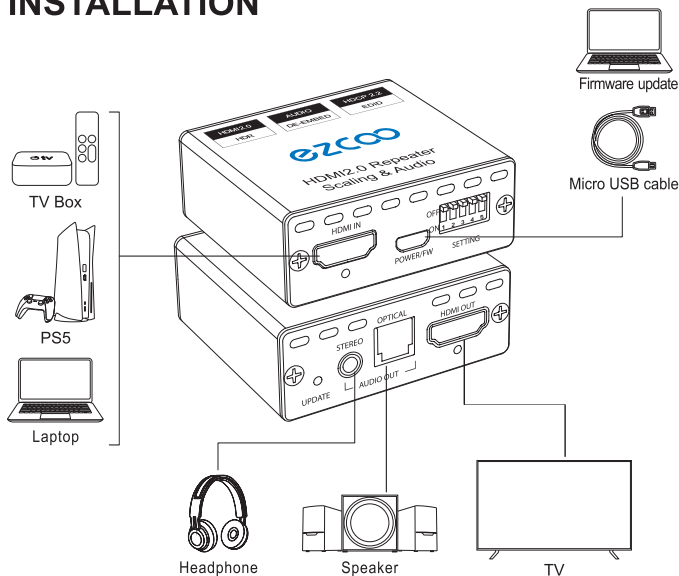- Plug and Play; No driver required; Installs in minutes.

PRODUCT DIAGRAM

58mm

SETTING
POWER/PW
ON
OFF
HDMI IN

52.8mm

HDMI2.0   AUDIO   HDCP 2.2
HDR   DE-EMBED   EDID

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HDMI2.0 Repeater
Scaling & Audio

OFF
ON
1 2 3 4 5   (DEFAULT SETTING)

Setting(Position 1-2)   EDID Setting(Position 3-5)   EDID Setting(Position 3-5)

OFF
ON
normal
mode
1
OFF
ON
3 4 5
Copy
EDID
OFF
ON
3 4 5
4K60Hz(420)
2CH_HDR

OFF
ON
test
mode
1
OFF
ON
3 4 5
1080P_3D
2CH_HDR
OFF
ON
3 4 5
4K60Hz(444)
2CH_HDR

OFF
ON
pass
through
2
OFF
ON
3 4 5
4K30Hz(420)
2CH_HDR
OFF
ON
3 4 5
4K(Dolby
Vision_Dolby
Atmos)

OFF
ON
HDMI OUT
4K is 1080P
2
OFF
ON
3 4 5
4K60Hz(420)
5CH_HDR
OFF
ON
3 4 5
4K60Hz(444)
5CH_HDR

22mm

OPTICAL
STEREO
HDMI OUT
UPDATE   AUDIO OUT

Package Accessories:

❶ HDMI repeater x1

❷ Reusable Cable Tie x2

❸ User Manual ×1

❹ USB cable x1

INSTALLATION

Firmware update

Micro USB cable
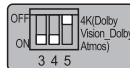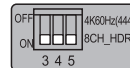
TV Box

PS5

Laptop

Headphone

Speaker

TV

1. Connect one cable from HDMI source devices to HDMI Splitter input.
2. Connect one cable from each display (monitor or projector) to the HDMI Splitter outputs.
3. Power on HDMI Splitter by Micro USB cable. We can connect to any active device with a USB port. Such as Blu-Rayplayer, or phone charging adaptor.

INSTRUCTION

OFF / ON 1 2 3 4 5	DEFAULT SETTING

OFF / ON normal mode 1	OFF / ON test mode 1	Position 1 (HDCP compatible)

OFF / ON pass through 2	OFF / ON HDMI OUT 4k to 1080P 2	Position 2 (Scaler Setting)

Position 3-4-5 (EDID Setting)

OFF / ON Copy EDID 3 4 5	OFF / ON 1080P_3D 2CH_HDR 3 4 5	OFF / ON 4K60Hz(Y420) 2CH_HDR 3 4 5	OFF / ON 4K60Hz(Y420) 60CH_HDR 3 4 5
OFF / ON 4K60Hz(Y420) 8CH_HDR 3 4 5	OFF / ON 4K60Hz(444) 2CH_HDR 3 4 5	OFF / ON 4K(Dolby Vision_Dolby Atmos) 3 4 5	OFF / ON 4K60Hz(444) 8CH_HDR 3 4 5

POWER/FW	POWER	This splitter power by Mirco USB (cable included without adaptor) We can connect to USB port of Blu-Rayplayer, or use a phone charging adaptor. Range: 5V/1A----5V/3A
	FW	For firmware update and advanced settings, more details please visit SP12H2 in our website. https://www.easycoolav.com

SPECIFICATIONS

HDMI vertion	HDMI 2.0	HDMI version	HDCP 2.2
HDMI resolution	4K*2K/1080p/1080i/720p/576p/576i/480p/480i	Video format	24bit/30bit/36bit
Audio format	Dolby true HD/DTS-HD/LPCM7.1/Dolby AC3/DSD		
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)	Max working current	200mA
Input/Output DDC signal	5Volts p-p (TTL)	Operating Humidity range	5 to 90%RH (No Condensation)
Power adapter format	Input AC 100V-240V/50HZ,60HZ; Output: USB 5V/0.5A	Operating Temperature range	(-15 to +55℃)
Dimension (LxWxH)	58*52.8*22 (mm)	Weight	180g

USING TIPS

- Re-powering and unplugging the HDMI cable is a common troubleshooting method.

- Hold 5 seconds till input LED blink 3 times as RESET, to solve picture flash/black issue.

- Please use qualified or brand-new HDMI 2.0 standard cable less than 3 meter.

- Only support down-scale 4K to 1080p. Does not support another resolution.

- Does not support 4K 60hz & 1080p 120hz work in sync.

- Does not support ARC, eARC , CEC, VRR, 4K 120Hz; Not for Sonos ARC.

- SPDIF can only support up to 5.1 (no Atmos) if you need 7.1 or Atmos, please use HDMI OUT

NOTES

Please use this machine based on below instructions to keep longer lifetime.

1. The machine should be placed at the spot far away from the Damp, High-Temperature, Dusty, Erosive, and Oxidant environment.

2. All parts will be free from the strong shake, hit, fall.

3. Touching the device with the wet hands is prohibited.

4. Please turn power off when machine is not used for long time.

5. Please do not open the cover and do not touch the inside parts.

6. Please use the original factory power adaptor.

7. Before power on, please check the connection cable carefully. And make sure that all interfaces are normally connected.

DISCLAIMERS

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