ezcoo

User Manual

HDMI2.1 4X1 SWITCH

4K@120Hz 4:4:4 8bit VRR, ALLM
Dolby Vision,Dolby Atmos
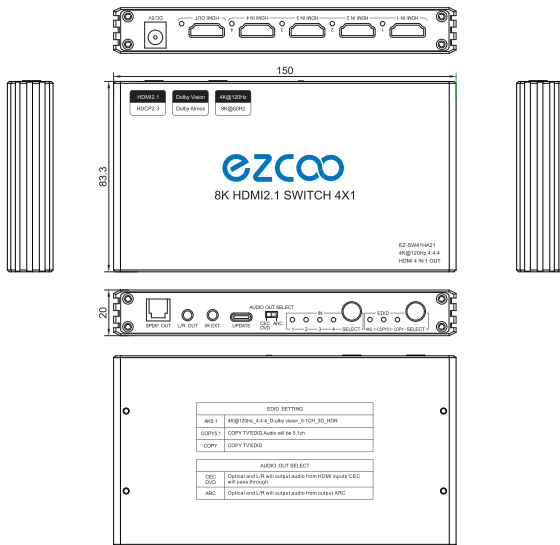SPDIF Optical Audio Output

EZ-SW41HA21

Make Installation Easy

OVERVIEW

EZ-SW41HA21 is a 4x1 HDMI2.1 switch with Ultra HD 4K@120Hz support.It supports HDMI 2.1 specification features including data rates up to 4K@120Hz 4:4:4 8bit, VRR, ALLM, HDR and HDCP2.3, Deep Color, 3D, Lip Sync, and HD lossless Audio/Video formats. And Audio DE-embed, Optical Audio out without TV connected. HDMI switch allows 4 HDMI ports to be switchedto a single display terminal via remote control or buttons onunit.

FEATURES

- Supports HDMI 2.1 4K@120Hz 4:4:4 8bit HDR, HDCP 2.3

- Supports Dolby vision,VRR, ALLM

- Supports EDID copy, multiple EDID setting for compatibility

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

- Supports Blue-Ray 24/50/60fs/HD-DVD/xvYCC

- Supports HDMI signal re-timing, never lose quality

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

- Support CEC ('AUDIO OUT SELECT' MUST SET TO 'CEC/DVD')

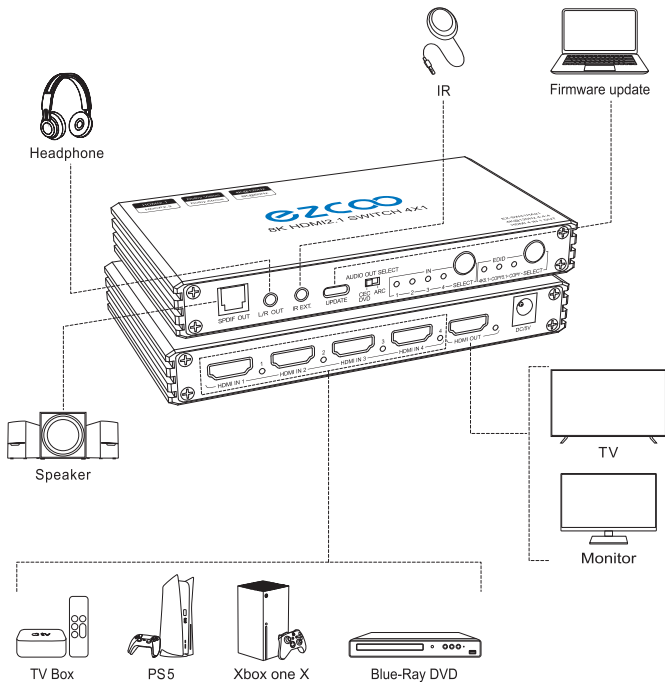- Optical out support ARC ('AUDIO OUT SELECT' MUST SET TO 'ARC')

PRODUCT DIAGRAM

AC/DC DC 5V HDMI OUT HDMI N4 HDMI N3 HDMI N2 HDMI N1 OUT

150

HDMI2.1 | Dolby Vision | 4K@120Hz
HDCP2.3 | Dolby Atoms | 8K@60Hz

83.3

ezcoo

8K HDMI2.1 SWITCH 4X1

EZ-SWH1HA21
4K@120Hz 4:4:4
HDMI 4-IN 1 OUT

20

SPDIF OUT L/R OUT IR EXT. UPDATE AUDIO OUT SELECT IN EDID
CEC ARC 1 2 3 4 4-SELECT 3-COPY1-COPY- SELECT-
DVD

EDID SETTING	
4X3.1	4K@120Hz_4:4:4_Dolby vision_5.1CH_3D_HDR
COPY5.1	COPY TV/EDID,Audio will be 5.1ch
COPY	COPY TV/EDID

AUDIO OUT SELECT	
CEC DVD	Optical and L/R will output audio from HDMI inputs,CEC will pass through
ARC	Optical and L/R will output audio from output ARC

Package Accessories:

❶ HDMI Switch x1   ❹ Power adapter x1

❷ User Manual x1   ❺ IR remote control x1

❸ Reusable Cable Tie x2   ❻ IR extender cable x1

INSTALLATION

Headphone

IR

Firmware update

SPDIF OUT   L/R OUT   IR EXT   UPDATE   AUDIO OUT SELECT

Speaker

HDMI IN 1   HDMI IN 2   HDMI IN 3   HDMI IN 4   HDMI OUT
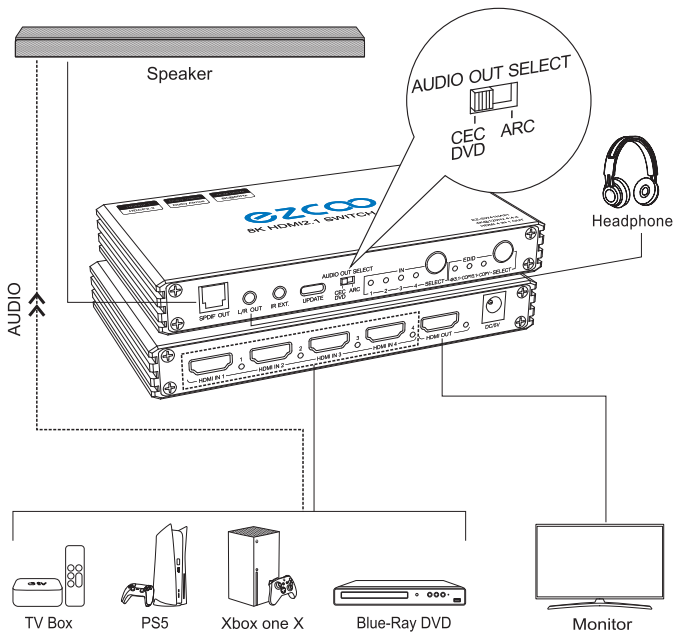
TV

Monitor

TV Box   PS5   Xbox one X   Blue-Ray DVD

1. Connect each HDMI Source device to HDMI Switch's Input port with certified HDMI2.1 cable(<3M).
2. Connect Display Device (Such as monitor or projector) to the HDMI Switch's Output port with certified HDMI2.1 cable(<3M).
3. Plug the power adapter into the HDMI switch power port.

AUDIO OUT SELECT

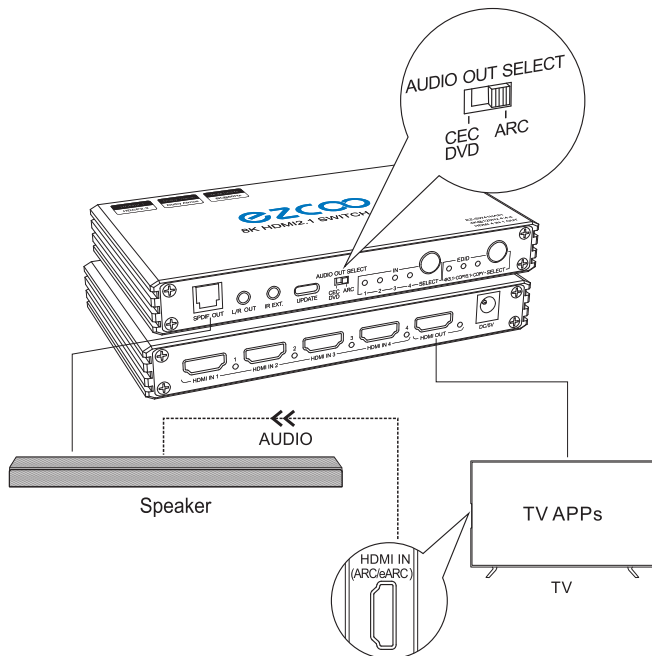| AUDIO OUT SELECT		
AUDIO OUT SELECT CEC ARC DVD	CEC DVD	Optical and L/R will output audio from HDMI inputs;CEC will pass through
AUDIO OUT SELECT CEC ARC DVD	ARC	Optical and L/R will output audio from TV Apps

AUDIO OUT SELECT SET TO CEC/DVD

------- Audio from HDMI INPUT, CEC Bypass

Speaker

AUDIO OUT SELECT

CEC DVD — ARC

Headphone

AUDIO

SPDIF OUT   L/R OUT   IR EXT.   UPDATE   AUDIO OUT SELECT   IN   EDID

HDMI IN 1   HDMI IN 2   HDMI IN 3   HDMI IN 4   HDMI OUT   DC 5V

TV Box   PS5   Xbox one X   Blue-Ray DVD   Monitor

AUDIO OUT SELECT SET TO ARC

------- Audio from TV Apps

AUDIO OUT SELECT

CEC
DVD

ARC

AUDIO

Speaker

TV APPs

HDMI IN
(ARC/eARC)

TV

SPECIFICATIONS

HDMI vertion	HDMI 2.1	HDCP version	HDCP 2.3
HDMI resolution	8k/4K/1080p/1080i/720p/576p/576i/480p/480i	Video format	24bit/30bit/36bit
Audio format	Dolby true HD/DTS-HD/DTS5.1/Dolby AC3/DSD		
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)	Max working current	2A
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: 5V2A	Operating Temperature range	(-15 to +55℃)
Dimension (LxWxH)	150*83.3*20 (mm)	Weight	220g

USING TIPS

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

- Please use qualified or brand-new HDMI 2.1 standard cable less than 3 meter.

- 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

CONTACTS

When you need any technical assistance, please send e-mail
to support@easycoolav.com
Visit to learn more.
https://www.easycoolav.com

ezcoo

EZCOO TECHNOLOGY INC
support@easycoolav.com
https://www.easycoolav.com