Thank you for purchasing SyncAV™ SSAV-1x4HDMI. For best results and your safety, please read the instructions and keep the manual for future reference.

■ Important!

1. Use DC 5V power supply only. Make sure the specification matched if using 3rd party DC adapters.
2. Put product in dry and ventilated place for normal heat dissipation.
3. Keep product away from strong static and magnetic environment.

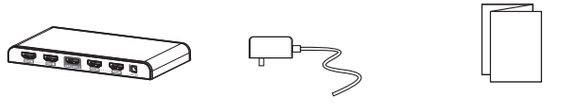
■ Introduction

1x4 HDMI splitter distributes 1 HDMI source to 4 HDMI displays simultaneously. Apply for STB, DVD, Media Player, Laptop, D-VHS and other HD-Player devices. It's compatible with HDMI 3D and 4Kx2K.

■ Features

1. Distribute 1 HDMI source to 4 HDMI displays
2. Support ultra HD resolution 4K×2K@60Hz
3. Support HDMI 3D
4. With EDID function
5. Support HDR
6. Good compatibility
7. Metal heat sink design
8. Plug and play
9. Support configures the video resolution automatically according to the capabilities of each connected monitor, allows simultaneous mixed 4K and 1080P display outputs

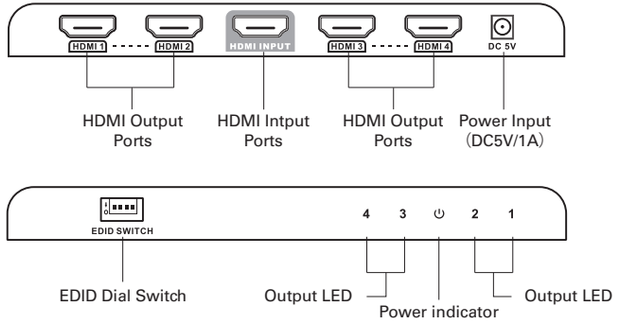
■ What's in the Box



■ Installation Requirement

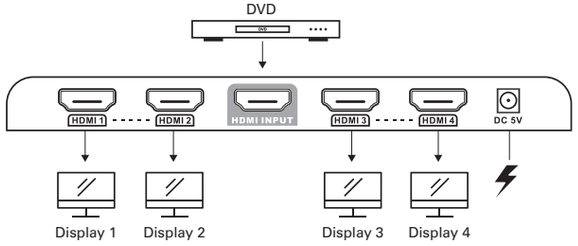
1. Source: HDMI video source, such as DVD, PS3, STB, PC, Etc.
2. Display: HDTV, projector or other display with HDMI port
3. Cable: High standard HDMI cable (can support 4Kx2K)

■ Interface Specification



■ Installation

1. Connection



1. Connect the HDMI video source output port to the splitter input port by HDMI cable
2. Connect the splitter output port to HDMI display by HDMI cable
3. Set the TV input to right HDMI channel
4. Power on the splitter(Power indicator LED will light on)

2. Operation

1. Before output HDMI signal, the splitter will read EDID information of connected TVs and send it back to HDMI source part to let it determine the output mode
2. Indicator LED shows the working status
3. The splitter is build-in 16 kinds of EDID that can be selected by 4 switch codes, corresponding as following



Switch up for"1"



Switch down for "0"

Switch Status	1	2	3	4	EDID information
	0	0	0	0	4k@60Hz 2CH
	1	0	0	0	4k@60Hz 7.1CH
	0	1	0	0	4k@30Hz 2CH
	1	1	0	0	4k@30Hz 7.1CH
	0	0	1	0	1080p@60Hz 2CH
	1	0	1	0	1080p@60Hz 7.1CH
	0	1	1	0	1080i@60Hz 2CH
	1	1	1	0	1080i@60Hz 7.1CH
	0	0	0	1	1080p@50Hz 2CH
	1	0	0	1	1080p@50Hz 7.1CH
	0	1	0	1	4K@30Hz HDR
	1	1	0	1	4K@60Hz HDR
	0	0	1	1	Copy once
	1	0	1	1	MIX1
	0	1	1	1	MIX2
	1	1	1	1	MIX3

[NOTE]

Copy Once: Read the EDID of the first connected output only
MIX1: Lowest format of audio, and lowest format of video
MIX2: Highest format of audio, and compose down scaling of video
MIX3: Lowest format of audio, and compose down scaling of video
Compose down scaling: Only HDMI 4K@60Hz (YCbCr4:4:4 or YCbCr4:2:0) signal, would be downscale to 1080P@60Hz

FAQ

Q: No image output?

A: 1) Check the power supply of splitter, make sure the power light is on.

2) Check if the HDMI cables are connected well.

3) Check and make sure the TV has been set up to the right channel.

4) While connected with PC or notebook via HDMI, please make sure the output mode is mirror or extend.

Q: Display is unstable, splash screen, snowflakes or audio stuck?

A: 1) Check and make sure all connections are good and correct.

2) Try to directly connect HDMI source to display, if it is the same, please change the source device.

3) Use high-quality HDMI cable for transmitting 4K×2K@60Hz UHD signal.

Specification

Items	Specifications
Input ports	1 x HDMI
Output ports	4 x HDMI
Power indicator LED	1 x LED
Signal indicator LED	4 x LED
HDMI Version	Compatible with HDMI 1.4, HDMI 2.0
HDCP Version	Compatible with HDCP 1.4, HDCP 2.2
HDMI Resolution	480i/480p/576i/576p/720p/1080i/1080p/ 4K×2K@24/25/30/60Hz
Transmission rate	18Gbps
Frequency Range	25MHz~594MHz
Video form	Support 3D video and 4K×2K@30/60Hz ultra HD video
Audio	Support standard audio and DSD (Direct Stream Digital) and HD(HBR) audio
HDR	Support
Working temperature	0℃ ~ 60℃
Power supply	DC5V/1A
Power consumption	<3W
Dimension	158mm(L)x80mm(W)x17mm(H)
Weight	200g
Colour	Black

Disclaimer

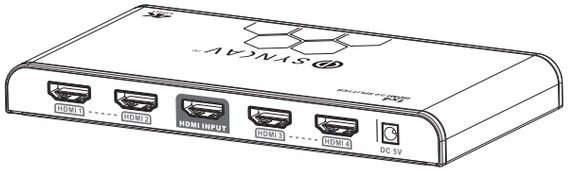
The products, brand names and standards may be registered trademark of their corresponding manufacturers/developers. ™ and ® may be omitted on the user manual.

Any pictures in the user manual are for reference only and may differ from the physical products.

We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, functionality or design.

SYNCAV™

1x4 HDMI SPLITTER



SSAV-1X4HDMI
User Manual