

Thank you for purchasing SyncAV™ SSAV-3X1HDMI. For best results and your safety, please read the instructions and keep the manual for future reference.

■ IMPORTANT SAFETY NOTES!

Please read below safety instructions carefully before installation and operation:

Please pay attention to all the warnings and hints on this device.
Do not expose this unit to rain, moisture and liquid.

Do not put any stuff into the device.

Do not repair or open this device without professional people's guidance. Make sure good ventilation openings to avoid product overheating damage. Shut off power and make sure environment is safe before installation.

Do not plug-in/out the connected cables when it is in using.
Make sure the specification matched if using 3rd party DC adapters.

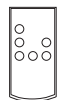
■ Introduction

SyncAV™ SSAV-EX1 3x1 switch routes 3 different sources at resolution of up to 4Kx2K @60Hz ultra HD to a HDTV display. The unit with 3 HDMI inputs, which makes this unit ideal for simultaneous connection of multiple HDMI device, such as, HDTV, Set top box, DVD etc. In addition, this unit with IR receiving window and RS232 port, thus it is easy and flexible to control the input signal as you need. It is perfect for security system, medium entertainment, conference exhibition center and digital monitoring system etc.

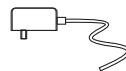
■ What's in the Box



Switch Unit



Remote Controller



5V/1A Power Adapter



User Manual

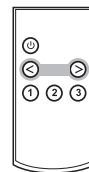
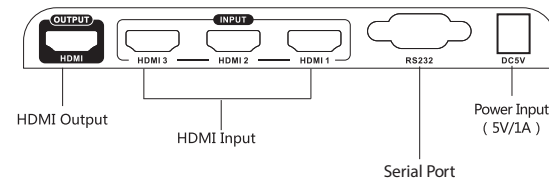
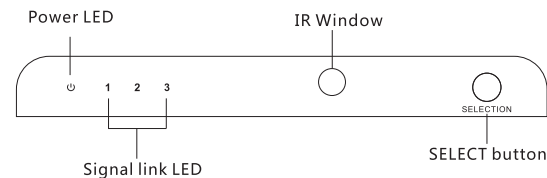
■ Installation Requirement

1. HDMI source device (computer graphics card, DVD, PS3, HD monitoring equipment etc)
2. HDMI display device like SDTV, HDTV, and projector with HDMI port

■ Features

1. Switch easily between any 3 HDMI sources
2. Support resolution up to ultra HD 4Kx2K@60Hz
3. Support highest bandwidth up to 18Gpbs
4. Support HDMI 3D
5. Support IR control and RS232 control
6. Plug and play, easy to use
7. Good Compatibility
8. Metal heat sink design, works more stably

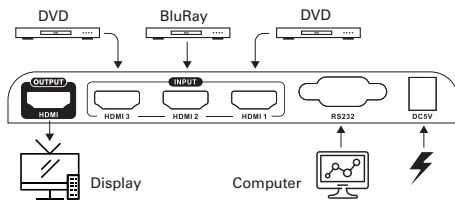
■ Panel Description



■ Remote controller

⏻ is the power button, to power on/off the unit.
“<” and “>” button, to choose channel forward or backward
“1 - 3” number buttons, to choose any source device as you need

■ Installation



Connection illustration

1. Connect source devices and HDMI inputs of the unit
2. Connect display device and HDMI output of the unit
3. Connect the power adapter, unit power on and works
4. Choose your source signal via remote controller or RS232

RS232 serial port operation illustration

1. Baud rate: 9600bps
2. Order of RS232 serial port
 - 1) HDMI 1 input : port 0R
 - 2) HDMI 2 input : port 1R
 - 3) HDMI 3 input : port 2R
- 4) Power ON : poweronR
- 5) Power OFF : poweroffR

■ 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 2.0 cable for transmitting 4Kx2K UHD signal.

■ Specification

Items	Specification
Input ports	3 x HDMI
Output ports	1 x HDMI
Power indicator LED	1 x LED
Signal indicator LED	3 x LED
HDMI Version	Compatible with DVI 1.0, HDMI 1.4, HDMI 2.0
HDCP Version	Compatible with HDCP 1.4, HDCP 2.2
Video form	Support 12 bit full HD video, 3D video and 4Kx2K@30/60Hz ultra HD video
Input and output TMDs signal	0.7~1.2Vp-p
Input and output DDC signal	5Vp-p
Audio	Support standard audio and DSD (Direct Stream Digital) and HD(HBR) audio
HDMI Resolution	480i/480p/576i/576p/720p/1080i/1080p/ 4K x 2K @ 24/25/30/60Hz
Working temperature	0°C ~ 60°C
Power supply	DC 5V/1A
Power consumption	<5W
Dimension	160(L) x 51.5(W) x 20(H)mm
Weight	230g

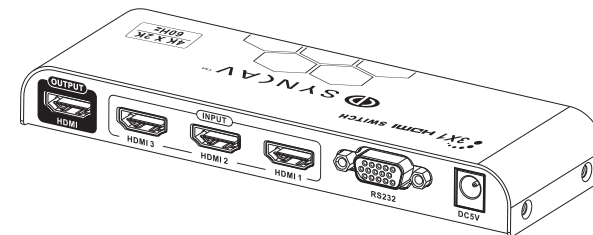
Disclaimer

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All 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™ 3x1 HDMI SWITCH



SSAV-3X1HDMI User Manual