Thank you for purchasing SyncAV™ SSAV-EX1. For best results and your safety, please read the instructions and keep the manual for future reference.

■ Important！

1. Do not connect or disconnect any cables while powered
2. Do not mix up the transmitter unit (TX) with the receiver unit (RX), and the IR blaster extension cable with the IR receiver extension cable
3. Use supplied DC 5V/1A adapters only. Using wrong power adapter can be a safety hazard, may cause damage to the equipment and will void warranty

■ Introduction

SyncAV™ SSAV-EX1 HDMI extender transmits various resolution HDMI video over a single CAT6/6A/7 cable with zero latency and supports IR passback allowing user to control the source device with IR remote from the receiver site.

■ Features

1. Plug-and-play operation, no installation required.
2. Transmits uncompressed full HD signal with zero latency
3. Works with most HDMI devices
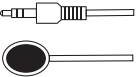4. Supports IR passback
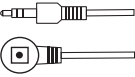5. Works over CAT6/6A/7 cable
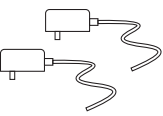
■ What's in the Box
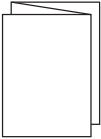

**1 x
Transmitter unit (TX)**

**1 x
Receiver unit (RX)**

**1 x
IR blaster
extension cable**

**1 x
IR receiver
extension cable**

**2 x
DC adapter**

User manual

■ Panel Description

1. Transmitter unit (TX)
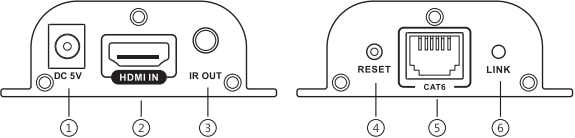
①	DC jack	Plug in the DC adapter
②	HDMI Input	Plug in your HDMI source here
③	IR Output	Connect with IR blaster extension cable
④	Reset Button	Press to clear buffers and restart the unit
⑤	RJ45 port	Plug in your network cable here
⑥	LINK LED	blinks when no HDMI signal is detected

2. Receiver unit (RX)
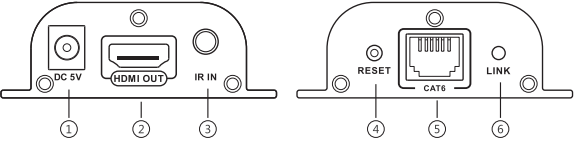
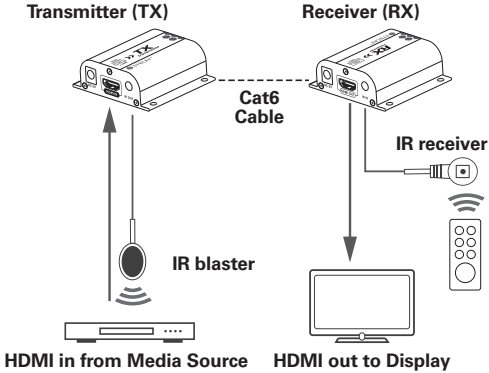| ①	DC jack	Plug in the DC adapter
②	HDMI Output	Plug in your HDMI TV/monitor here
③	IR Input	Plug in the IR receiver extension cable
④	Reset Button	Press to clear buffers and restart the unit
⑤	RJ45 port	Plug in your network cable here
⑥	LINK LED	blinks when communication link is broken

■ Setting up the system

Connect all the components as per picture below. Make sure all the cables are plugged in BEFORE powering up the system. Place the IR blaster as close as possible to the device you want to control with your remote. Wait 'till the connection is established (LINK LED on the receiver unit turns solid).

Transmitter (TX)   **Receiver (RX)**

**Cat6
Cable**

IR receiver

IR blaster

HDMI in from Media Source   **HDMI out to Display**

■ Troubleshooting:

No image

1. Check and make sure all the cables are properly connected
2. Restart both TX and RX units by pressing and holding RESET button for few seconds
3. Check if the HDMI display device has been switched to the right input channel.
4. Use a shorter cable if possible

RX LINK LED keeps blinking

1. Make sure your network cable is terminated according to IEEE568B (see pinout above)
2. Check whether the transmitter receives an HDMI signal from your source
3. Restart both TX and RX units by pressing and holding RESET button for few seconds and reconnect.

RX LINK LED lit solid but no image is produced

1. Make sure your TV/monitor supports the source's HDMI resolution
2. Check the HDMI connection between the RX unit and your TV/monitor
3. Make sure your network cable has copper wires

■ Specification

Power Supply	Voltage/Current	DC5V/1A
	Power consumption	TX: 2W RX: <2W
Resolution supported	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz	
Network cable	Low resistance oxygen-free copper core (CAT6/6A/7)	
Maximum transmission distance	50m over CAT6 cable	
IR frequency supported	Supports 20-60Khz	
Dimensions (mm)	71.6(L) x 66.6(W) x 24.8(H)mm	

⏻ SYNCAV™

HDMI EXTENDER
over CAT6/6A/7 with IR

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.

SSAV-EX1
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