



# 1x4 HDMI Splitter Over Cat6 Extender User Manual



04-1375A

P/N: CE-H27A11-S1

## Features

- Extends HDMI 4K@60 signals up to 230ft (70m) over CAT6/7 cable
- Support 4K@60Hz YUV 4:4:4, HDR, HDCP 2.2
- Supports one HDMI loop-out on Transmitter
- Support EDID management
- Support audio extraction & ARC via Toslink of Receiver
- HDMI Audio Format: PCM2/5.1/7.1, Dolby & DTS 5.1
- Toslink Audio Format: PCM2, Dolby & DTS 5.1
- Built-in bi-directional IR extend
- Support RS-232 command control
- Lightning Protection, Surge Protection, ESD Protection

## Package Contents

- Transmitter
- Receiver x4
- Power adapter DC 12V/2A
- Power adapter DC 5V/2A x4
- IR blaster cable
- IR Receiver cable x4
- Terminal block
- Mount kits
- User Manual

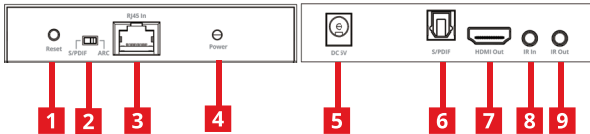
# Layout

## Transmitter (TX)



1. **Reset BUTTON:** Press to restart the device
2. **IR in:** Connect with IR receiver extension cable, please make sure the remote control used is within the effective range
3. **IR out:** Connect with IR blaster extension cable, please get closer to the source device while using
4. **RJ-45:** Connect to Receiver with Cat6 cable
5. **HDMI LOOP-OUT:** Connect to HDMI display
6. **HDMI INPUT:** Connect to HDMI source
7. **EDID switch:** Please refer to EDID settings table.
8. **RS-232:** for RS-232 command contro.
9. **POWER JACK:** DC 12V/2A

## Receiver (RX)



1. **Reset BUTTON:** Press to restart the device
2. **Audio switch:** Select extract audio from HDMI Input or ARC from TV, for Toslink use.
3. **RJ-45:** Connect to Transmitter with Cat6 cable
4. **Power/Signal LED:**  
flashes when no HDMI signal  
always on when HDMI signal is transmitted.
5. **POWER JACK:** DC 5V/2A
6. **Toslink Output:** For audio extract or ARC use
7. **HDMI OUTPUT:** Connect to HDMI display
8. **IR in:** Connect with IR receiver extension cable, please make sure the remote control used is within the effective range
9. **IR out:** Connect with IR blaster extension cable, please get closer to the source device while using

## EDID settings table



Switch up for "1"



Switch down for "0"

| Switch Status |   |   |   | EDID Information     |
|---------------|---|---|---|----------------------|
| 1             | 2 | 3 | 4 |                      |
| 0             | 0 | 0 | 0 | 4K@60Hz 2CH          |
| 1             | 0 | 0 | 0 | 4K@60Hz 5.1CH        |
| 0             | 1 | 0 | 0 | 4K@60Hz 7.1CH        |
| 0             | 0 | 1 | 0 | 4K@60Hz HDR 7.1CH    |
| 0             | 0 | 0 | 1 | 4K@30Hz 2CH          |
| 1             | 1 | 0 | 0 | 4K@30Hz 5.1CH        |
| 1             | 0 | 1 | 0 | 4K@30Hz 7.1CH        |
| 1             | 0 | 0 | 1 | 4K@30Hz HDR 7.1CH    |
| 0             | 1 | 1 | 0 | 1080p@60Hz 2CH       |
| 0             | 1 | 0 | 1 | 1080p@60Hz 5.1CH     |
| 0             | 0 | 1 | 1 | 1080p@60Hz 7.1CH     |
| 1             | 1 | 1 | 0 | 1080i@60Hz 2CH       |
| 1             | 1 | 0 | 1 | 1080i@60Hz 5.1CH     |
| 1             | 0 | 1 | 1 | 1080i@60Hz 7.1CH     |
| 0             | 1 | 1 | 1 | 1080p@60Hz HDR 7.1CH |
| 1             | 1 | 1 | 1 | Auto                 |

Auto:

output a resolution compatible with all displays

## RS-232 settings

Baud rate: 9600

Data bits: 8

Stio bits: 1

Parity: 0

| Contrl Commands | Function Descriptions                                                                 |
|-----------------|---------------------------------------------------------------------------------------|
| ES XX On/n      | Turn on the output port,<br>(from right to left are 01, 02)<br>"All" means all ports  |
| ES XX Off/n     | Turn off the output port,<br>(from right to left are 01, 02)<br>"All" means all ports |
| Reset/n         | Restart the device                                                                    |
| Recover/n       | Restore device factory settings                                                       |
| Baud xx /n      | Set the baud rate value:<br>9600 (default)<br>19200, 38400, 57600, 115200             |

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**Dear Valued Customer**

**WE REALLY  
APPRECIATE  
YOUR PURCHASE**

***~thank you~***

## **Support**

For more info or tech support

**<http://www.siiig.com/support>**

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