



# AU-11CA

## HDMI Audio Embedder with built in Repeater

### OPERATION MANUAL





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## 1. Introduction

The AU-11CA Audio Embedder lets you insert an external audio signal into any HDMI source. The device allows you to insert analogue or digital stereo and multi-channel digital surround sound signals (via Optical) to give users the capability to overcome audio issues within complex HDMI installation. The AU-11CA also repeats the HDMI signal to allow an extended total HDMI cable range.

## 2. Features

- Compliant with HDMI v1.3 , HDCP 1.2 and DVI 1.0
- Supports Optical Sample Rate up to 48 kHz.
- Supports LPCM Stereo, DTS and Dolby Digital via Optical input.
- Supports up to 24bit resolution digital audio.
- HDMI cable distance testing showed that with 1080p 8bit/12bit resolution, the input/output distance is up to 10 meters.
- Low power consumption.
- Supports HDMI Sample Rates up to 192 kHz
- Simple switched operation

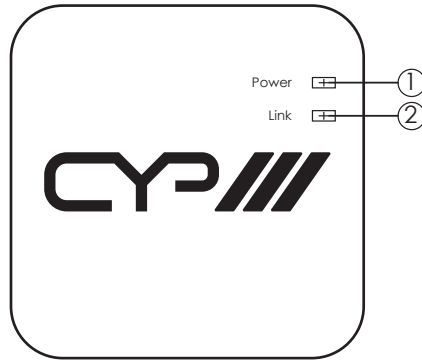
## 3. Package Contents

- HDMI to CAT6 Transmitter.
- 5V / 1A Power Adaptor
- Operation Manual.



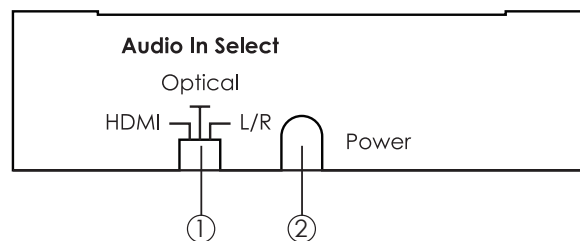
## 4. Operation Controls and Functions

### 4.1 Top Panel



1. **Power LED:** The red LED will illuminate when the power is connected with AC wall outlet.
2. **LINK:** The LED will illuminate in blue when both the source and the display are sync together. This LED will also blink once while the power is turned on.

### 4.2 Right Panel



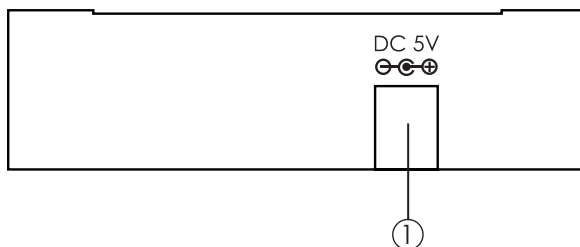
1. **Audio In Select:** This switch allows user to select the audio input from HDMI, Optical or L/R. By switching the dip switch according to the printing from left to right HDMI, Optical and L/R.





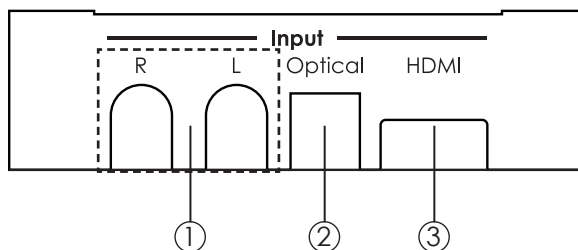
1. **Power Button:** Press this button switch ON or set the device to standby mode.

#### 4.3 Left Panel



1. **DC 5V:** This slot is where you plug the 5V DC power supply into the unit and connect the adaptor to an AC wall outlet.

#### 4.4 Upper Panel



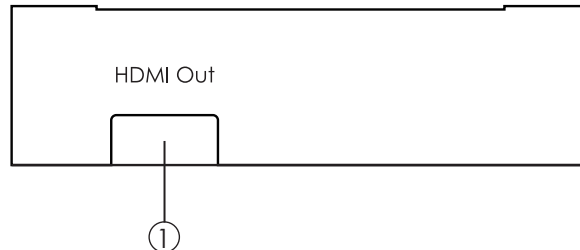
1. **Input R/L:** These slots are to connect with audio source equipment such as CD player or Hi-Fi equipment with RCA jack for input audio signal.
2. **Input Optical:** This slot is to connect with audio source equipment such as stereo system or Hi-Fi equipment with optical cable for input audio signal.
3. This slot is to connect with input source equipments such as DVD/Blu-Ray player with HDMI cable for video and audio input signal.





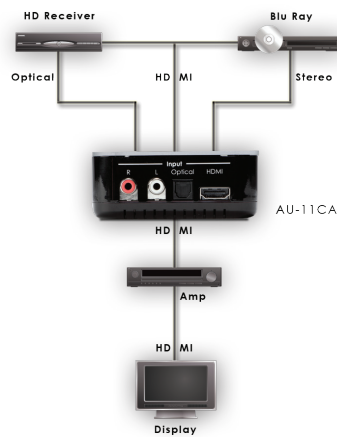
1. This slot is to connect with input source equipments such as DVD/Blu-Ray player with HDMI cable for video and audio input signal.

#### 4.5 Rear Panel



1. HDMI Out: This slot is to connect with LCD TV or HD monitor for both video and audio display with HDMI cable.

### 5. Connection Diagram





## 6. Specifications

Input Port	1 x HDMI, 1 x Optical, 1 x Analogue Stereo (2 x RCA)
Output Port	1 x HDMI.
HDMI Sample Frequency	Up to 192 kHz
Optical Sample Frequency	Up to 48 kHz
Output Port	1 x HDMI
HDMI Audio Format	PCM2/5.1/7.1, Dolby 5.1, DTS 5.1, DD+, D-TrueHD, DTS-HD
Optical Audio Format	PCM2
ESD Protection	Human body model: $\pm 8\text{kV}$ (air-gap discharge) $\pm 6\text{kV}$ (contact discharge)
Chassis Material	Plastic
Silkscreen Color	Black
Operating Temperature	0°C~40°C
Power Supply	2 x 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	85(W) x 85(D) x 35(H)
Weight (g)	260



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Notes:







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