



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
- Supports 3D signals.

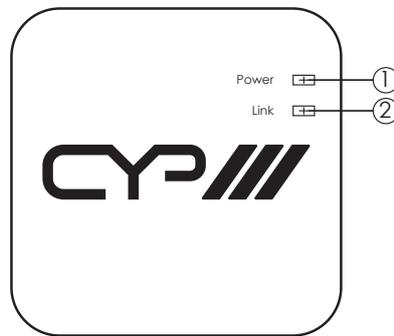
3. Package Contents

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



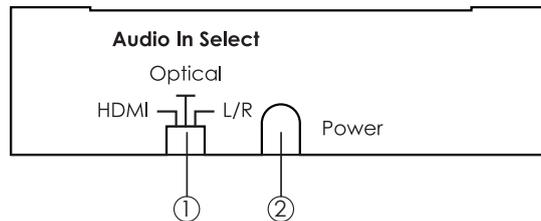
4. Operation Controls and Functions

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

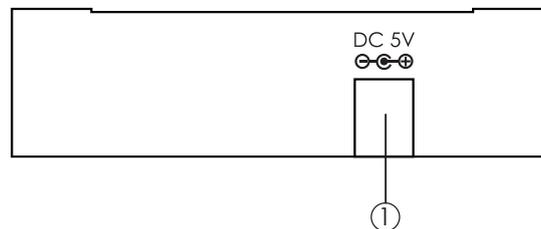


1. Audio In Select: This switch allows user to select the audio input from HDMI, Optical or L/R. By switching the dip switch according to the printing from left to right HDMI, Optical and L/R.



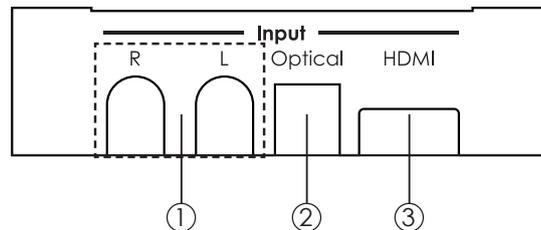
1. Power Button: Press this button switch ON or set the device to standby mode.

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

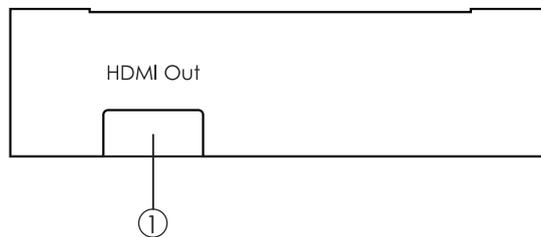


1. Input R/L: These slots are to connect with audio source equipment such as CD player or Hi-Fi equipment with RCA jack for input audio signal.
2. Input Optical: This slot is to connect with audio source equipment such as stereo system or Hi-Fi equipment with optical cable for input audio signal.
3.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



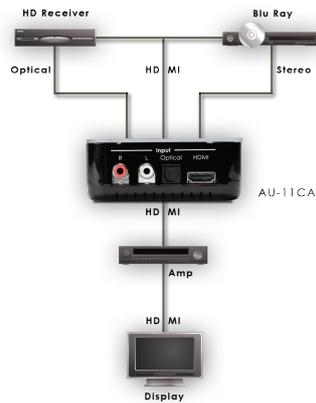
1. This slot is to connect with input source equipments such as DVD/Blu-Ray player with HDMI cable for video and audio input signal.

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, Dolby 5.1, DTS 5.1
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



Notes:



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