



AU-11SA

V1.3 HDMI to HDMI Repeater with Audio Decoder

OPERATION MANUAL





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1. Introduction

The AU-11SA is an advanced solution for HDMI to HDMI repeating with Audio decoding. It is compatible with v1.3 HDMI specifications, a cutting-edge technology which defines the transfer of Deep Colour (12 bits/colour) video with a high bandwidth up to 225MHz. The AU-11SA also boasts signal amplification and equalization of the signal at the output. The audio output supports uncompressed analogue LPCM 7.1 and new lossless compressed digital Bitstream (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio)

2. Features

- Compliant with v1.3 HDMI, HDCP 1.1 and DVI 1.1 standards.
- Supports digital video formats in 'Deep Colour' mode from 25MHz to 225MHz for 10/12bits colour.
- Supports high definition input up to 1080p@(24/50/60)Hz, output resolution follows input.
- Supports HDMI signal amplification and equalisation at the HDMI output.
- Supports uncompressed digital LPCM 7.1, 5.1 or 2 channels and compressed digital Bitstream (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) through HDMI input and output ports.
- Supports digital Dolby 5.1/2 and LPCM 2 channels output through optical output.
- Supports LPCM 7.1, 5.1 or 2 channels output through multichannel analogue output ports.
- Integrated HDCP encryption for transmitting protected audio and video content.
- Support CEC bypass.

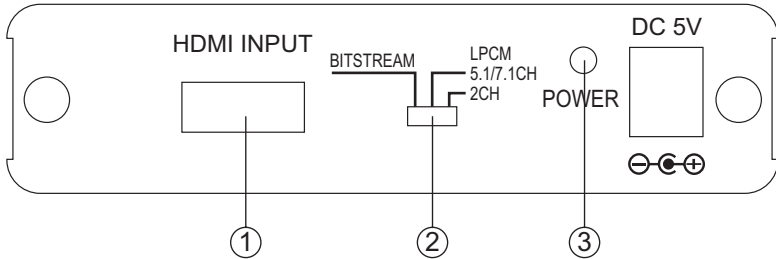
3. Package Contents

- AU-11SA
- 5V DC power supply adaptor.
- Operation Manual.



4. Operation Controls and Functions

4.1 Front Panel



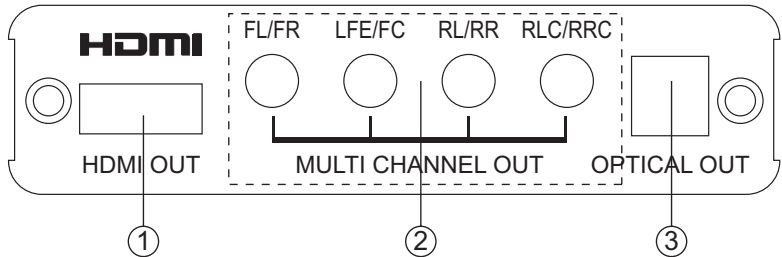
1. HDMI input: Connect the HDMI input port to the HDMI output port of your source equipment such as DVD player or set-top-box.
2. Audio selection switch: To switch between Bitstream/LPCM7.1/5.1/LPCM2 channels.

Note: When switching to other audio mode it is normal for the display to disappear for a few seconds.

3. Power: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.



4.2 Rear Panel



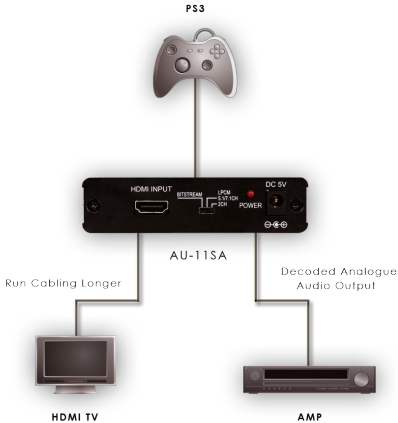
1. HDMI output: Connect the HDMI output port to the HDMI input port of your display.

NOTE THE HDMI OUTPUT MUST BE CONNECTED.

2. Multi channel output: Connect the audio channel output to the input of your amplifier equipment and follow the amplifiers connection instructions.
 - FL: Front Left
 - FR: Front Right
 - LFE: Low Frequency Effect
 - FC: Front Centre
 - RL: Rear Left
 - RR: Rear Right
 - RLC: Rear Left Centre
 - RRC: Rear Right Centre
3. Optical output: Connect Optical output to the display audio input or audio equipment for Dolby5.1/2 and LPCM2 channels.



5. Connection Diagram



6. Specifications

Input Port	1 x HDMI
HDMI input Audio Format	LPCM 7.1, 5.1 or 2 channels and Bitstream (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio)
Output Port	1 x HDMI
HDMI Output Audio Formats	LPCM 7.1, 5.1 or 2 channels and Bitstream (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio)
Analogue Output port	4 x 3.5mm Stereo mini jack
Multi channel output ports	1 x Optical
Multi channel output audio formats	Dolby 5.1/2 and LPCM 2 channels
Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	100(W) x 147(D) x 25(H)
Weight (g)	300
Chassis Material	Aluminium
Silk Skin Colour	Black
Operating Temperature	Operating from 0°C ~ 48°C