

▶ [HD11AU](#)
User Manual

Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.



Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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Introduction

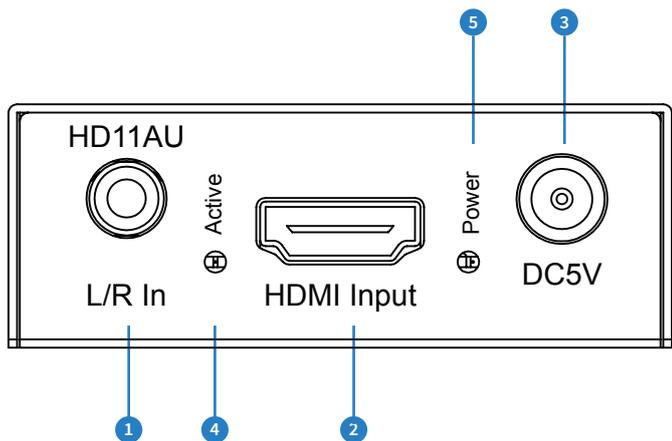
The HD11AU is a HDMI audio embedder/de-embedder unit. The HD11AU can de-embed the audio from the HDMI input and output to both the Analogue Left/Right audio output and Coaxial digital output Concurrently. Alternatively you can embed textract the audio from the HDMI input and embed Analogue Left/Right audio to the HDMI output signal. At the same time the HD11AU outputs the full HDMI input through to the HDMI output.

The HD11AU is useful for either home or professional audio application.

FEATURES:

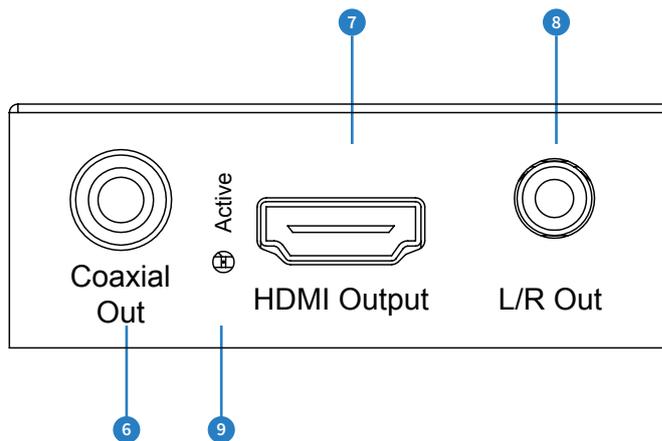
- Extract audio from the HDMI video input
- Extract audio with or without an actual display connected
- Provides both Coaxial digital and Analog Left/Right audio outputs that work at the same time
- Can remove the audio from the HDMI input signal and embed Analogue Left/Right audio to the HDMI output signal
- Support 3D video & 4K
- HDCP compatible
- Small compact size

Front Panel

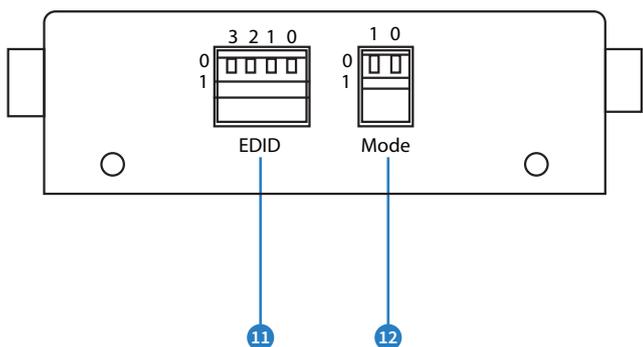


- ❶ Left/Right Analogue audio input - 3.5mm Stereo Jack
- ❷ HDMI input
- ❸ Power port – Use supplied 5v / 1amp DC adaptor
- ❹ HDMI input status – Lit when HDMI signal detected
- ❺ Power status – Lit when unit is powered

Back Panel



- ❻ Coaxial digital output – Used when audio is de-embedded from HDMI
- ❼ HDMI output.
- ❽ Left/Right Analogue audio output. Extract audio from HDMI input and convert to 2ch. NOTE: Source audio must be PCM
- ❾ HDMI output status – Lit when HDMI signal detected



- ❿ EDID management DIP switches – See table on right for settings
- ⓫ Mode Dip switches – See information on right for mode settings

EDID management DIP switches

3	2	1	0	EDID type
Combination of DIP positions				
0	0	0	0	Copy EDID from output 1
0	0	0	1	108DP 2.0CH
0	0	1	0	108DP 5.1CH
0	0	1	1	108DP 7.1CH
0	1	0	0	108i 2.0CH
0	1	0	1	108i 5.1CH
0	1	1	0	108i 7.1CH
0	1	1	1	3D 2.0CH
1	0	0	0	3D 5.1CH
1	0	0	1	3D 7.1CH
1	0	1	0	4K 2.0CH
1	0	1	1	4K 5.1CH
1	1	0	0	4K 7.1CH
1	1	0	1	DVI 1280x1024
1	1	1	0	DVI 1920x1080
1	1	1	1	DVI 1920x 1200

Mode selection DIP switches

Dip Switch 1=0: Input HDMI HPD (Hot Plug Detected) depends on Output HDMI HPD

Dip Switch 1=1: Input HDMI HPD forced high (for installations where no Output device is connected)

Dip Switch 0=0: HDMI audio de-embed mode

Dip Switch 0=1: Analogue audio embed mode - Removes the audio from HDMI input signal and embeds the Analogue L/R audio input onto the HDMI output signal

Specifications

Audio Input Connectors: 1x Analogue Left/Right audio (3.5mm stereo jack)

Audio Output Connectors: 1x Coaxial digital audio & 1x Analogue Left/Right audio (3.5mm stereo jack)

Video Input Connectors: 1x HDMI Type A

Video Output Connectors: 1x HDMI Type A

Casing Dimensions (W x H x D): 71mm x 23mm x 60mm

Dimensions including connections (W x H x D): 83mm x 23mm x 60mm

Shipping Weight: 0.4kg

Operating Temperature: 32°F to 104°F (0°C to 40°C)

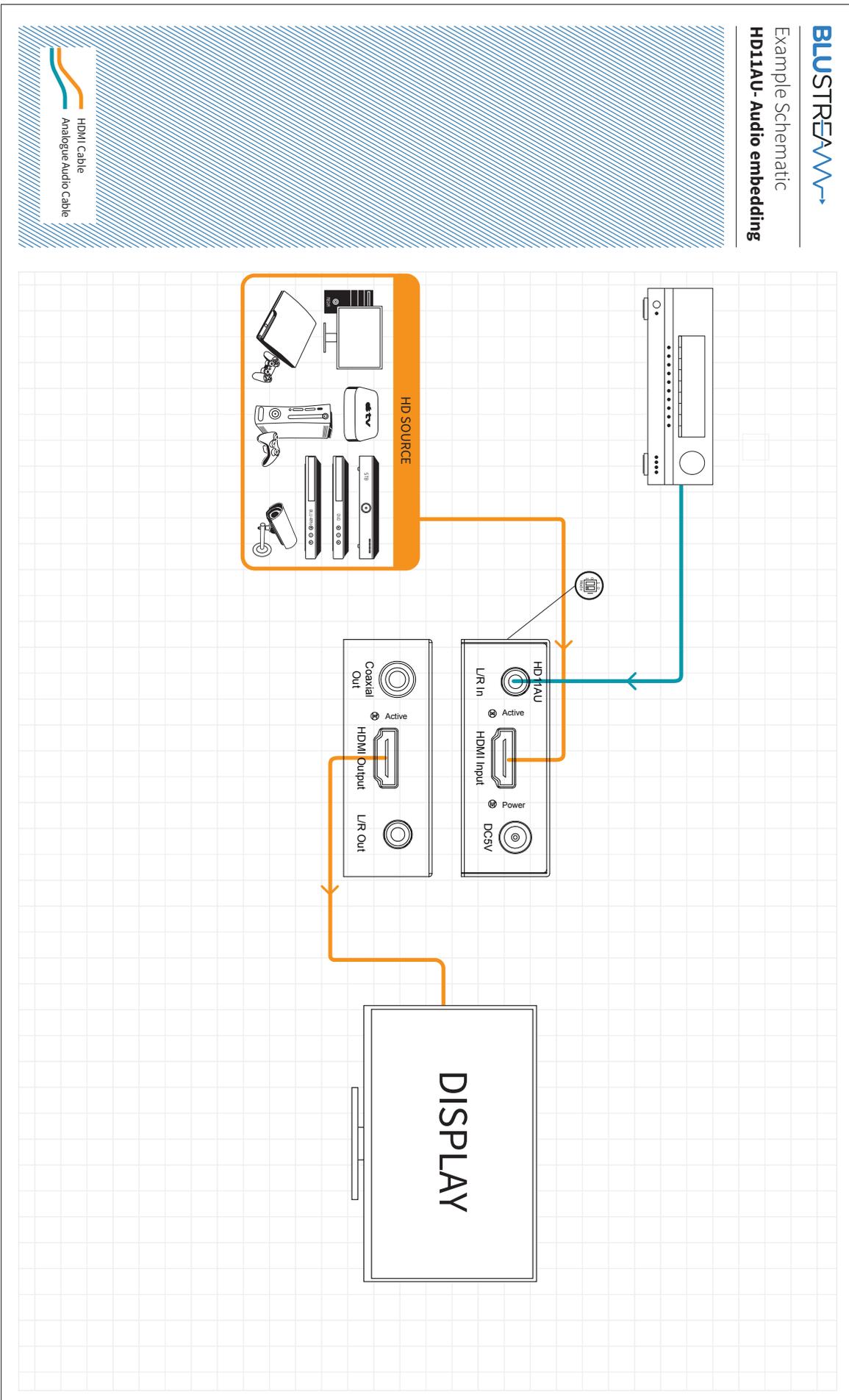
Storage Temperature : -4°F to 140°F (-20°C to 60°C)

Package Contents:

- 1 x HD11AU
- 1 x 5V/1A DC power supply
- 1 x Mounting kit

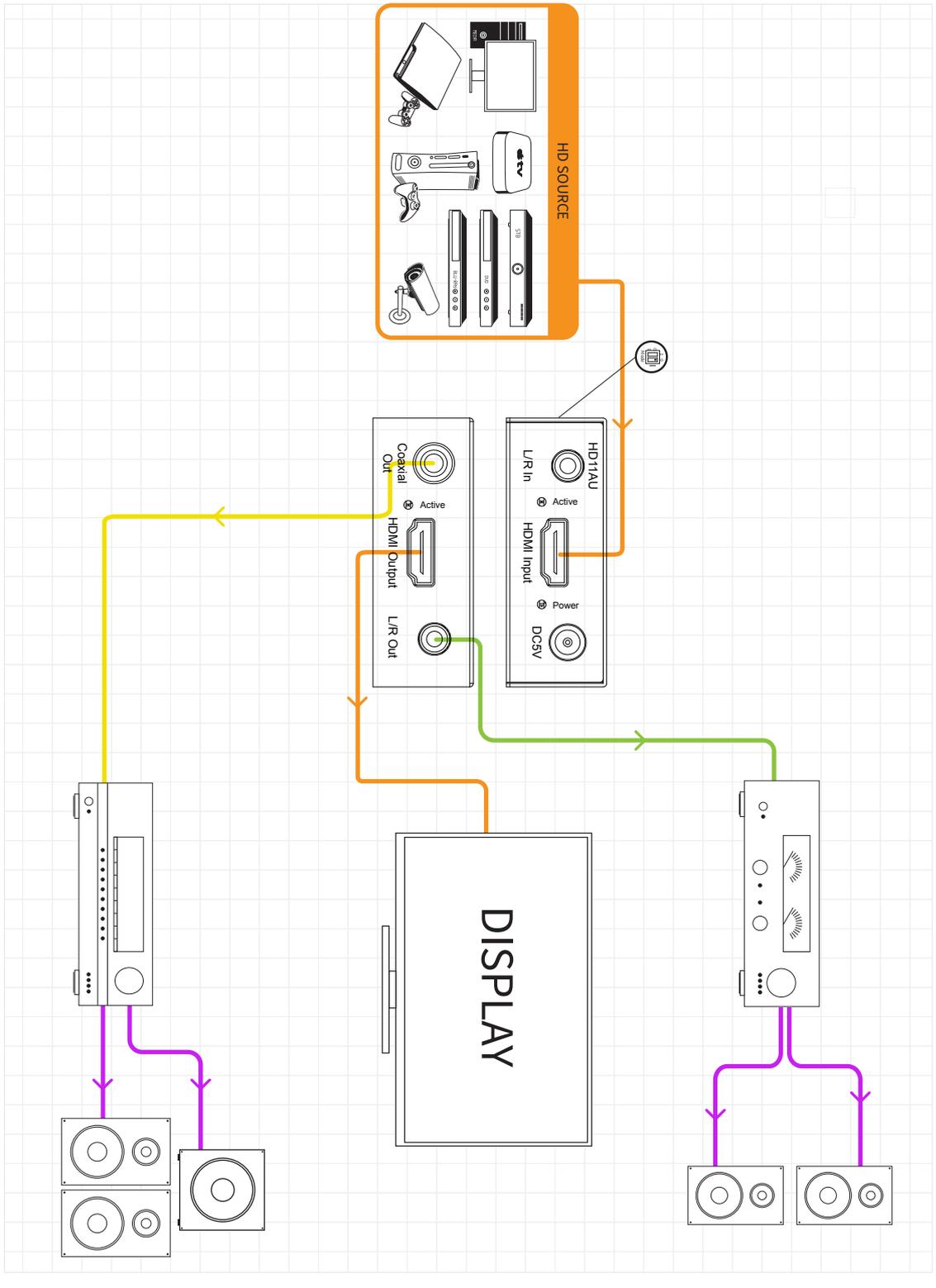
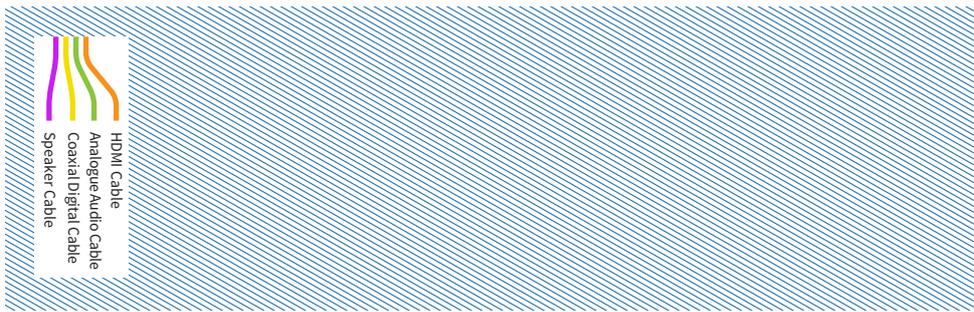
Maintenance:

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.



BLUSTREAM

Example Schematic
HD11AU - Audio de-embedding





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