

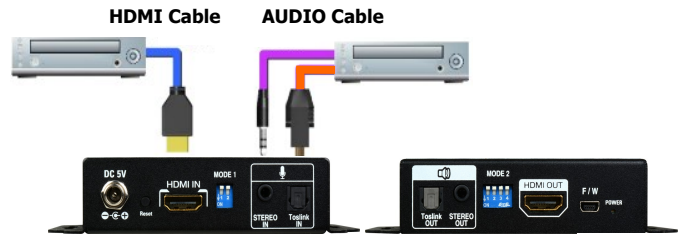
INSTALLATION & SPECIFICATIONS

OMX-HDMI2-AEE 4K HDMI 2.0 Audio Extractor and Embedder

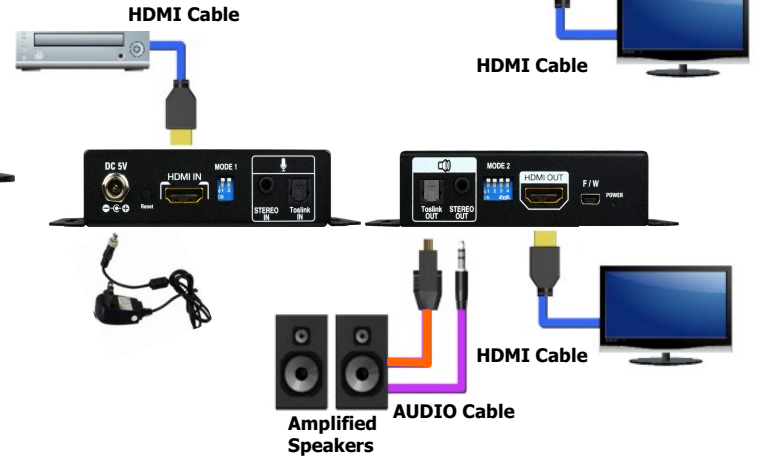


Installation

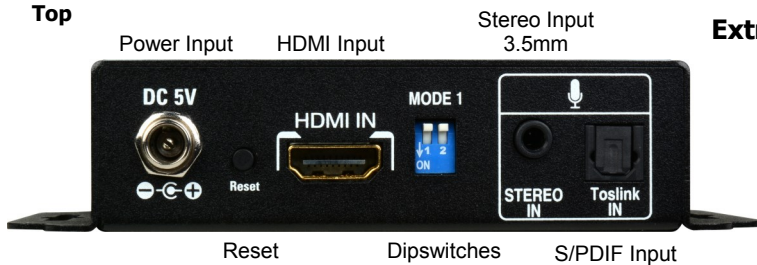
Embedding Audio



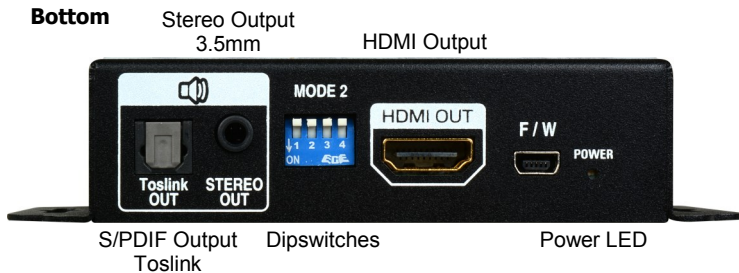
Extracting Audio



Top



Bottom



Specifications

Compliance	HDMI 2.0a and HDCP 2.2
Supports	4K2K@60 4:4:4 8bits HDR 4K2K@60 4:2:0 10bits ARC Audio Extraction & CEC Bypass
Transmission Distance	Full HD resolution 1080p@60Hz up to 110 ft/34 m
Video Bandwidth	Single Link 594MHz (18Gbps)
HDMI Audio Format	PCM2/5.1/7.1, Dolby 5.1/7.1, DTS 5.1/7.1
Optical Audio Format	PCM2, Dolby 5.1
Power Consumption	3W
Dimensions (LxWxH)	5x2.6x1 in/127x67x27mm
Weight	6.3 oz/178g

Dipswitch Positions

2 Pin	Position	Description
PIN 1	ON ↓	Enable Audio Embedder
	OFF ↑	Disable Audio Embedder
PIN 2	ON ↓	Embedder Connector - Toslink
	OFF ↑	Embedder Connector - 3.5mm
4 Pin	Position	Description
PIN 1	ON ↓	Enable Audio Extractor - Toslink & 3.5mm*
	OFF ↑	Disable Audio Extractor
PIN 2	ON ↓	Enable ARC Function—Toslink
	OFF ↑	Disable ARC Function
PIN 3	ON ↓	Enable 4K2K60 (4:4:4) down scale to 4K2K60(4:2:0)
	OFF ↑	Disable 4K2K60 (4:4:4) down scale to 4K2K60(4:2:0)
PIN 4	ON ↓	Factory Use
	OFF ↑	Permanent Position/Normal Mode

* When ARC function is turned ON (PIN 2), PIN 1 audio extraction is via 3.5mm.

Includes 1 - 5VDC/0.85A Power Adapter

Troubleshooting

No image output

- Ensure power supply is firmly connected. Only use the 5VDC power adapter included with the unit.
- Check that the cables are securely connected.
- Check that the display/TV has been set to the proper channel.
- For PC connections via HDMI, set output mode to mirror or extend.

Display is unstable

- Check all connections.
- Connect the source directly to the display device to ensure there is a signal output. Change the signal source if necessary.
- Use only high-quality copper cable.



SAFETY PRECAUTIONS



1. To prevent fire or shock hazard, do not expose this equipment to high humidity and/or dust. Do not use in an unprotected outdoor installation nor any area classified as overly damp or wet.
2. The temperature for installation should be kept between 32°F to 140°F (0°C to 60°C). Avoid direct sunlight exposure or extreme changes of temperature over a short period of time.
3. Do not disassemble the unit or place it on an unstable base.
4. Do not drop the unit and avoid heavy impact.
5. This unit should not be permanently installed unless proper ventilation is provided. Any enclosure openings must not be blocked or covered as they protect the unit from overheating.
6. Before cleaning, turn off the power and unplug the unit from all connections. Use a damp cloth. Do not use liquid cleaners nor aerosol cleaners.
7. Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
8. Enclosure entry is dangerous. Never push objects of any kind, including liquids, into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
9. Do not attempt to open or service this unit yourself as opening or removing covers may expose you to dangerous voltage and other hazards.
10. There are no user-serviceable parts inside the unit. If the unit requires service contact your authorized dealer, or an authorized repair service company.