

## SES-AI1001 4K UHD HDMI 2.0 Audio Inserter With Optical and Analog Audio Inputs



- 1 HDMI In
- 2 HDMI Out
- 3 Optical Audio Input
- 4 RCA R/L Audio Inputs
- 5 DC 5V

### FEATURES

- HDMI Input and Output with 18Gbps (600MHz) 4K UHD Support
- Supports HD Resolutions up to 3840x2160@60 Hz (4:4:4, 8-bit) & 4096x2160@60 Hz (4:4:4, 8-bit)
- Supports 48-bit Deep Color up to 1080p@60Hz
- HDMI 2.0, HDCP 1.4, 2.2 and DVI 1.0 Compliant
- HDMI Audio Sampling Rates: up to 192kHz
- Outputs a 720p60 Color Bar Pattern When No HDMI Input is Connected



- 5 Power On / Off Button
- 6 Power Indicator LED
- 7 Link Indicator LED
- 8 Audio Lock Indicator LED
- 9 Audio Selection Switch
- 10 Factory Use Only

### Connection

1. Connect the HDMI signal source to the HDMI input
2. Connect the HDMI output to the display
3. Connect a supported audio source to the optical audio or RCA inputs
4. Connect the 5V DC power adapter to the audio inserter and connect it to an AC wall outlet for power

### ITEM INCLUDES

- 5V / 2.6A DC Power Adapter
- International Power Adapters



SPECIFICATIONS	
Operating Temperature	0°C - 40°C/32°F - 104°F
Input Ports	1 x HDMI, 1 x OPTICAL (S/PDIF), 2 x RCA (STEREO)
Output Ports	1 x HDMI
Max HDMI Cable Length	10m (1080p60Hz, 12-BIT) / 3m (4K@60Hz, 4:4:4, 8-BIT)
Video Resolutions	up to 4K@60Hz YUV4:4:4
Video Color Format	48-bit Deep Color up to 1080p@60Hz

SPECIFICATIONS	
HDMI Bandwidth	600MHz / 18Gbps
HDMI Audio Formats	LPCM 7.1, Bitstream and HD Bitstream Audio
Data Transfer Rate	18Gbps
Power Consumption	3.78W
Dimensions	5.04 x 0.98 x 4.25 Inches
Weight	12.1 oz

## 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 as this voids the warranty.
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 or 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.

## FEDERAL COMMUNICATIONS COMMISSION (FCC) COMPLIANCE NOTICES

### Class A Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**SESCOM**

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