
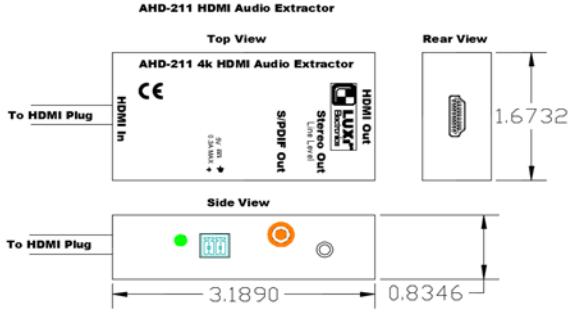

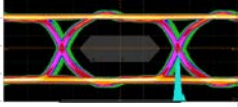
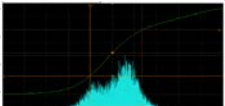





Product Specification	Part Number: 77-003-01
HDMI 4k Audio Extractor/Communicator, M-F pigtail	Model: AHD-211
Product Image	Product Drawing
	
Features and Benefits	Mechanical
<ul style="list-style-type: none"> > World's smallest HDMI audio extractor with HDMI 2.0 support including 4k 60 Hz, 3D, HEAC, Deep Color, etc. > No mounting needed; just plug it in-line between the source device's output and the cable to the sink device > External power is not always required; it draws power from source device first. If not enough, then external power. > Two channel analog output on 3.5 mm mini stereo jack and SPDIF output on female RCA connector > Luxi's patented T-grip locking HDMI connector design on both male input and female output to ensure secure connector mating > Luxi's SuperSlim HDMI plug and cable fits the tightest spaces > Flexible pigtail and compact design allowing multiple of these products to hang on the back of a matrix switcher > All 3 audio outputs (HDMI out, S/PDIF and mini jack) live > Also functions as Luxi 4k Communicator, fixes HDCP and EDID errors caused by DDC communication collisions > HDMI 2.0, HDCP 2.0, CE, FCC, RoHS compliant 	<ul style="list-style-type: none"> Enclosure material: Aluminum Enclosure size: 3.2" x 1.7" x 0.8" (81 x 42 x 21 mm) Pigtail length (neck to neck): 4.8" (123 mm) Pigtail cable diameter: 0.24" (6 mm) Overall plug height: 0.35" (9 mm) Overall plug length: 0.59" (15 mm)
Package	Electrical
1 piece in one white cardboard box; power adaptor not included  Box size: 6.0" x 4.8" x 1.1" (15.3 x 12.2 x 2.8 cm) Weight: package, 0.30 lb (0.14 kg); product, 0.15 lb (66 g) 30-pc box size: 12.4" x 11.6" x 9.5" (31.5 x 29.5 x 24 cm) 30-pc box weight: 10.1 lb (4.6 kg)	<ul style="list-style-type: none"> Supported Signal Formats Maximum data rate: 18 Gbps (6 Gbps per color) Maximum pixel clock: 600 MHz Resolution range: Up to 4k 60 Hz 4:4:4 Full HDMI 2.0 support Video formats: RGB and YCbCr digital video Audio formats: Dolby TrueHD, DTS-HD Master Audio and all other HDMI audio formats (output L and R channels) Standards: HDMI 2.0, DVI 1.0 (with proper adaptors) Audio outputs: S/PDIF: 75 ohm, 0.6 Vp-p, 2 channel PCM Mini jack: 50 ohm, 316 mVrms nominal, 2 channel analog max output 1.25 Vrms, THD 0.01% Electrical test results (1080p 24-bit 60 Hz results below) TMDS clock jitter: 81 mTbit TMDS data jitter: 134, 131, 136 mTbit for D0, D1, D2 resp. TMDS clock rise time: 202 ps TMDS clock fall time: 186 ps TMDS data rise time: 116, 140, 123 ps for D0, D1, D2 TMDS data fall time: 111, 125, 113 ps for D0, D1, D2 Clock duty: 48.23 min, 48.54 max Inter-pair skew: D0/D1, 1 mTpixel D0/D2, 0.9 mTpixel D1/D2, 2 mTpixel  
General	Other Related Products
Input connector: 1 HDMI Type A female Output connectors: 1 HDMI Type A male 1 RCA female S/PDIF (1) 3.5 mm stereo mini jack analog Power connector: 2-pin 3.5 mm captive screw receptacle	 TPR-110CR, P/N 74-017-01; RPR-110CR, P/N 74-020-01
 	<ul style="list-style-type: none"> Power: 5 V DC, 0.1 A from source device or external power Optional power supply: Auto switching 100-240 V AC input on US plug, 5 V DC 2 A max on bare wires, wall ward type, UL, PSE, CE, FCC Mounting: not needed; pigtail plugged into a display input Regulatory compliance Safety: CE, CUL, UL (power supply only) EMI/EMC: CE, FCC Class B MTBF: 30,000 hours Warranty: 3 years parts and labor