

# Active Audio AAP

Dual Audio Buffer Module - AAP



## FEATURES

- Inputs: 3.5 mm stereo mini jack and two RCA female jacks
- Outputs: Captive screw connectors
- Two independent stereo line drivers
- Accepts unbalanced line level stereo audio input signals and outputs them as balanced audio or unbalanced audio
- Buffers and balances audio signals for long cable runs
- Mounts in products that accept a double-space AAP - Architectural Adapter Plate

Note: External universal power supply sold separately, part # 70-055-01

## DESCRIPTION

The Extron Active Audio AAP - Architectural Adapter Plate accepts two sets of stereo unbalanced audio signals, RCA and 3.5 mm stereo mini, and individually buffers each output as balanced or unbalanced audio. The **Active Audio AAP** can be mounted in any Extron product or mounting frame with openings for a double-space AAP - Architectural Adapter Plate.

## AUDIO OUTPUT

<b>Number / signal type</b> .....	2 stereo, balanced/unbalanced, one for each audio driver
<b>Connectors</b> .....	(2) 3.5 mm captive screw connectors, 5 pole
<b>Impedance</b> .....	50 ohms unbalanced, 100 ohms balanced
<b>Gain error</b> .....	±0.05 dB channel to channel
<b>Maximum level (Hi-Z)</b> .....	+15 dBu, balanced; 7 dBV, unbalanced at 1% THD+N
<b>Maximum level (600 ohm)</b> .....	+9 dBm, balanced; 7 dBm, unbalanced at 1% THD+N

## GENERAL

<b>Power input requirements</b> .....	12 VDC, 0.1 A
<b>Temperature / humidity</b> .....	Storage -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
<b>Rack mount</b> .....	Yes, with optional faceplate, and furniture/wall mountable with optional faceplates or AAP wall plates
<b>Enclosure type</b> .....	Metal
<b>Enclosure dimensions</b>	
Faceplate .....	1.4" H x 3.5" W x 0.1" D (3.5 cm H x 8.9 cm W x 0.3 cm D) (double space AAP plate)
Device .....	1.1" H x 2.7" W x 1.8" D (2.8 cm H x 6.9 cm W x 4.5 cm D) (Depth excludes connectors. Allow at least 1.9" (4.8 cm) depth in the wall/furniture.)
<b>Product weight</b> .....	0.1 lbs (<0.1 kg)
<b>Shipping weight</b> .....	1 lbs (1 kg)
<b>Vibration</b> .....	ISTA 1A in carton (International Safe Transit Association)
<b>Listings</b> .....	UL, CUL
<b>Compliances</b> .....	CE, FCC Class A, VCCI, AS/NZS, ICES
<b>MTBF</b> .....	30,000 hours
<b>Warranty</b> .....	3 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.

## SPECIFICATIONS

### AUDIO

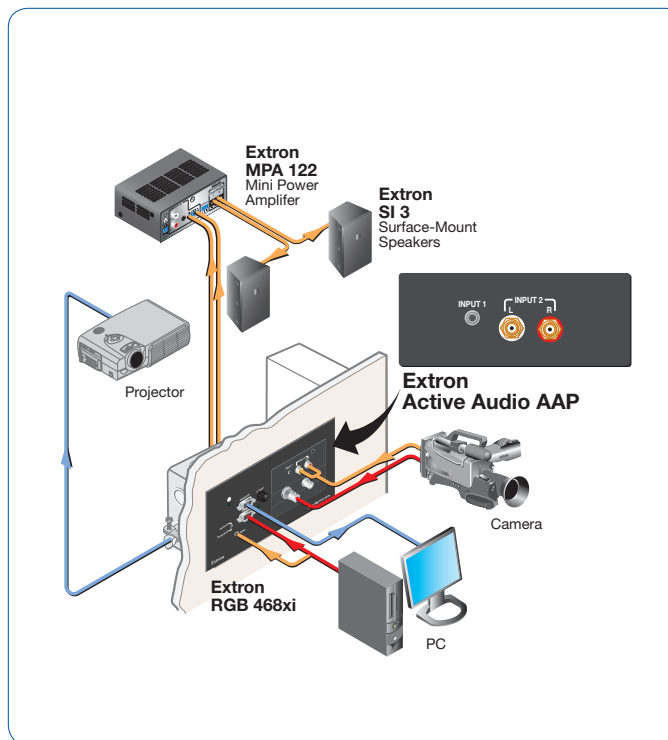
NOTE: The Active Audio AAP contains 2 independent audio driver circuits.

<b>Gain</b> .....	Unbalanced output: 0 dB; balanced output: +6 dB
<b>Frequency response</b> .....	20 Hz to 20 kHz, ±0.02 dB
<b>THD + Noise</b> .....	0.004% @ 1 kHz at nominal level
<b>S/N</b> .....	>110 dB at maximum output (unweighted)
<b>Stereo separation</b> .....	<-100 dB @ 1 kHz

### AUDIO INPUT

<b>Number / Signal type</b> .....	2 stereo, unbalanced, one for each audio driver
<b>Connectors</b> .....	(1) 3.5 mm mini audio jack (tip, ring, sleeve), 1 pair RCA
<b>Impedance</b> .....	>5k ohms unbalanced, DC coupled
<b>Nominal level</b> .....	-10 dBV (316 mVrms)
<b>Maximum level</b> .....	+7.5 dBV, (unbalanced) at 1% THD+N

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV = 2 dBu



## MODEL

## VERSION DESCRIPTION

## PART #

Active Audio AAP	Black .....	70-110-13
Active Audio AAP	White .....	70-110-23

## OPTIONAL ACCESSORIES

## MODEL DESCRIPTION

## PAGE

## PART #

EPS 1210 B	Extron EPS 1210 B Power Supply - 12VDC, 1A .....	page 694	70-055-01
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