

Specifications — Active Audio AAP

Audio

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

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

Audio input

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

NOTE *0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \approx 2 dBu*

Audio output

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

General

External power supply	100 VAC to 240 VAC, 50/60 Hz, external, autoswitchable; to 12 VDC, 1.0 A, regulated
Power input requirements	12 VDC, 0.1 A
Temperature/humidity	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
Rack mount	Yes, with optional faceplate, and furniture/wall mountable with optional faceplates or AAP wall plates
Enclosure type	Metal
Enclosure dimensions	
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.)
Product weight	0.1 lbs (<0.1 kg)
Shipping weight	1 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A, VCCI, AS/NZS, ICES
Warranty	3 years parts and labor
Part number	70-110-xx

NOTE *All nominal levels are at $\pm 10\%$.*

NOTE *Specifications are subject to change without notice.*

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