

Ascendo

ELEVATE YOUR SOUND

AIA4-2404



DATA SHEET

AUDIO

Table 1. **Inputs**

Channels	4
Signal-to-Noise Ratio	105 dB
Sensitivity	1.3 V

Table 1. **Outputs**

Output Power	230 V @ 4 Ω	230 V @ 8 Ω	Bridged: 230 V @ 8 Ω
	4 x 610 W	4 x 350 W	2 x 1220 W
Frequency response	20 Hz – 20 kHz		
Protection	Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMST™		
Damping factor	>400		
Total Harmonic Distortion	<0.05 %		
Intermodulation Distortion	<0.05 %		
Crosstalk 20Hz – 1kHz	>75 dB		
Voltage Gain	32 dB		

AC MAINS POWER

Operating Voltage	170 - 265 VAC 90 - 140 VAC (opt.)
Power On Idling (@230V)	0.5 A
1/8 Rated Power (230V @ 4Ω)	3.2 A

CONNECTORS



Figure 1. AIA4-2404 connectors

Audio signal input connectors	Neutrik XLR
Audio signal output connectors	Neutrik XLR
Speaker connector	Neutrik speakON®

THERMAL

Thermal dissipation	Fan, variable speed, temperature controlled front to rear airflow			
	230 VAC		120 VAC	
idle	216 BTU/h	54 kcal/h	216 BTU/h	54 kcal/h
1/8 power @ 8Ω	225 BTU/h	57 kcal/h	225 BTU/h	57 kcal/h
1/8 power @ 4Ω	244 BTU/h	62 kcal/h	244 BTU/h	62 kcal/h

USER INTERFACES

Hardware	Status LEDs, Potentiometers, Power button
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DIMENSIONS / WEIGHT

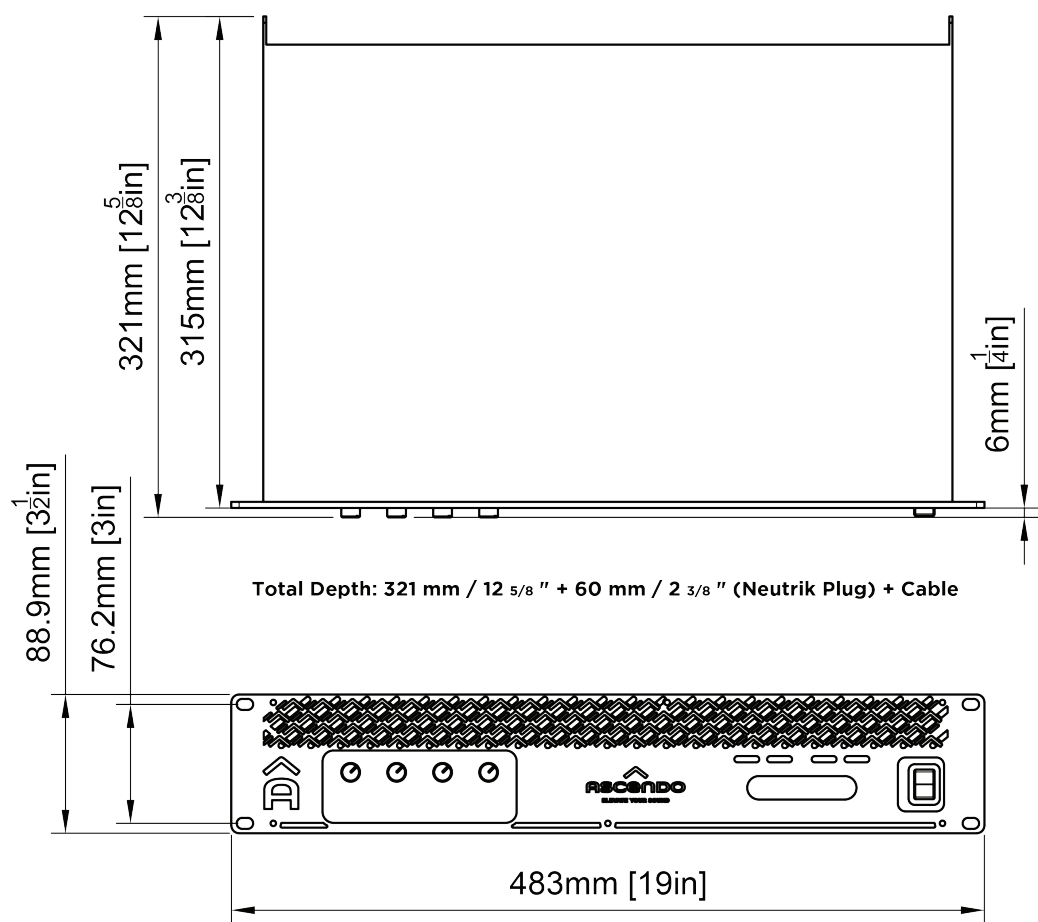


Figure 2. AIA4-2404 dimensions

Dimensions (W/H/D) mm	483 89 321 (2RU)
Dimensions (W/H/D) Inch	19 3 1/2 12 5/8 (2RU)
Packing Dimensions W/H/D) mm	650 270 600
Packing Dimensions (W/H/D) inch	25 9/16 10 5/8 23 5/8
Weight	13.67 lbs 6.2kg
Gross Weight	22.49 lbs 10.2 kg



CE



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