

Ascendo

ELEVATE YOUR SOUND

AIA2-10K2 IS



DATA SHEET

AUDIO

Table 1. **Inputs**

Channels	2
Analog Input Impedance	10 k Ω + 10 k Ω (+ / - 1%)
Signal-to-Noise Ratio A-Weighted 20Hz – 20kHz	105 dB
Nominal sensitivity for maximum output level (balanced)	1.9 V (rms)
Input sensitivity	-95.5 dB – 0 dB (steps 0.5 dB)

Table 1. **Outputs**

Output Power	230V @ 4 Ω	230V @ 8 Ω	230V @ 2 Ω	230V @ 16 Ω
	2 x 5000 W	2 x 2600 W	2 x 3600 W	2 x 1300 W
Frequency response	3 Hz – 22 kHz (+/- 3 dB, 8 Ω)			
Output Impedance	2 Ω (Minimum load)			
Protection	Soft-start, short circuit, overload, low impedance, thermal, DC fault			
Damping factor	> 700			
Slew rate	62 V/ μ s			
End stages	High Frequency semi soft switched OWM in balanced configuration			
Limiter	Programmable limiter (1 V / step), 5 user profile			
Limiter setting range	10 – 200 V			

AC MAINS POWER

Operating Voltage	160 – 270 VAC (50 – 60 Hz)
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CONNECTORS



Figure 1. AIA2-10K2 IS connectors

Control input connectors	10 / 100 Mbps Ethernet
Audio signal input connectors	Neutrik XLR
Audio signal output connector	Neutrik XLR
Speaker connector	4 pole Neutrik, 1+/2+ in parallel, 1-/2- in parallel
AC mains	Neutrik POWERCON

THERMAL

Environmental operating temperature	0 - 40°C
Thermal dissipation	Fan, variable speed, temperature controlled front to rear airflow
Test Signal : (1/4Power) 1KHz Sinewave 8:32 Burst @230VAC / 12 A	~2000 BTU/hour

USER INTERFACES

Hardware	Ledbar, status LEDs, Graphics LCD, JOGs, buttons
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DIMENSIONS / WEIGHT

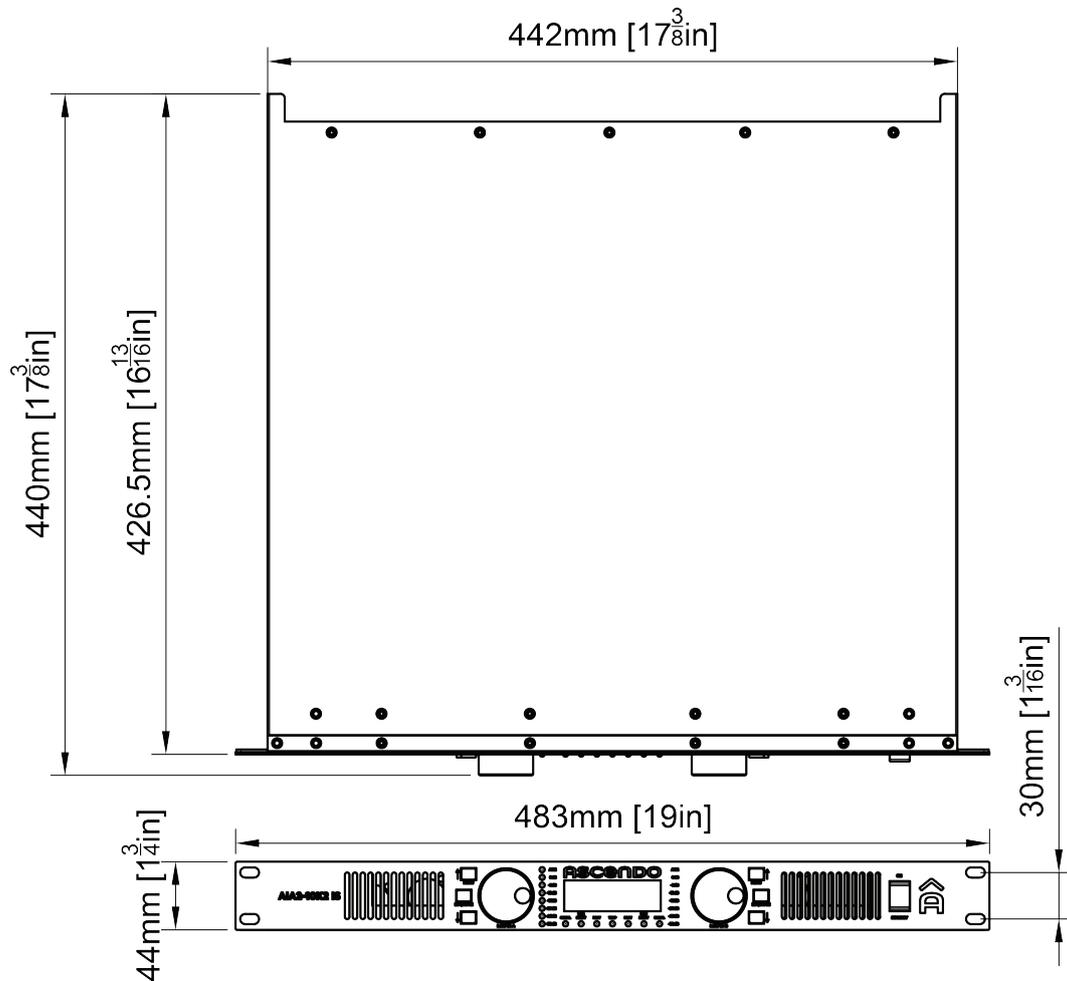


Figure 2. AIA2-10K2 IS dimensions

Dimensions (W/H/D) mm	483 44 440 (1RU)
Dimensions (W/H/D) Inch	19 1 3/4 17 3/8 (1RU)
Packing Dimensions W/H/D) mm	660 200 630
Packing Dimensions (W/H/D) inch	26 7 7/8 24 13/16
Weight	21.16 lbs 9.6 kg
Gross Weight	35.27 lbs 16 kg



CE



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