

# Ascendo

ELEVATE YOUR SOUND

## AIA2-10K2 IS



DATA SHEET

# AUDIO

Table 1. **Inputs**

Channels	2
Analog Input Impedance	10 k $\Omega$ + 10 k $\Omega$ (+ / - 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	<b>230V @ 4 <math>\Omega</math></b>	<b>230V @ 8 <math>\Omega</math></b>	<b>230V @ 2 <math>\Omega</math></b>	<b>230V @ 16 <math>\Omega</math></b>
	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 $\Omega$ )			
Output Impedance	2 $\Omega$ (Minimum load)			
Protection	Soft-start, short circuit, overload, low impedance, thermal, DC fault			
Damping factor	> 700			
Slew rate	62 V/ $\mu$ 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

Enviromental 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

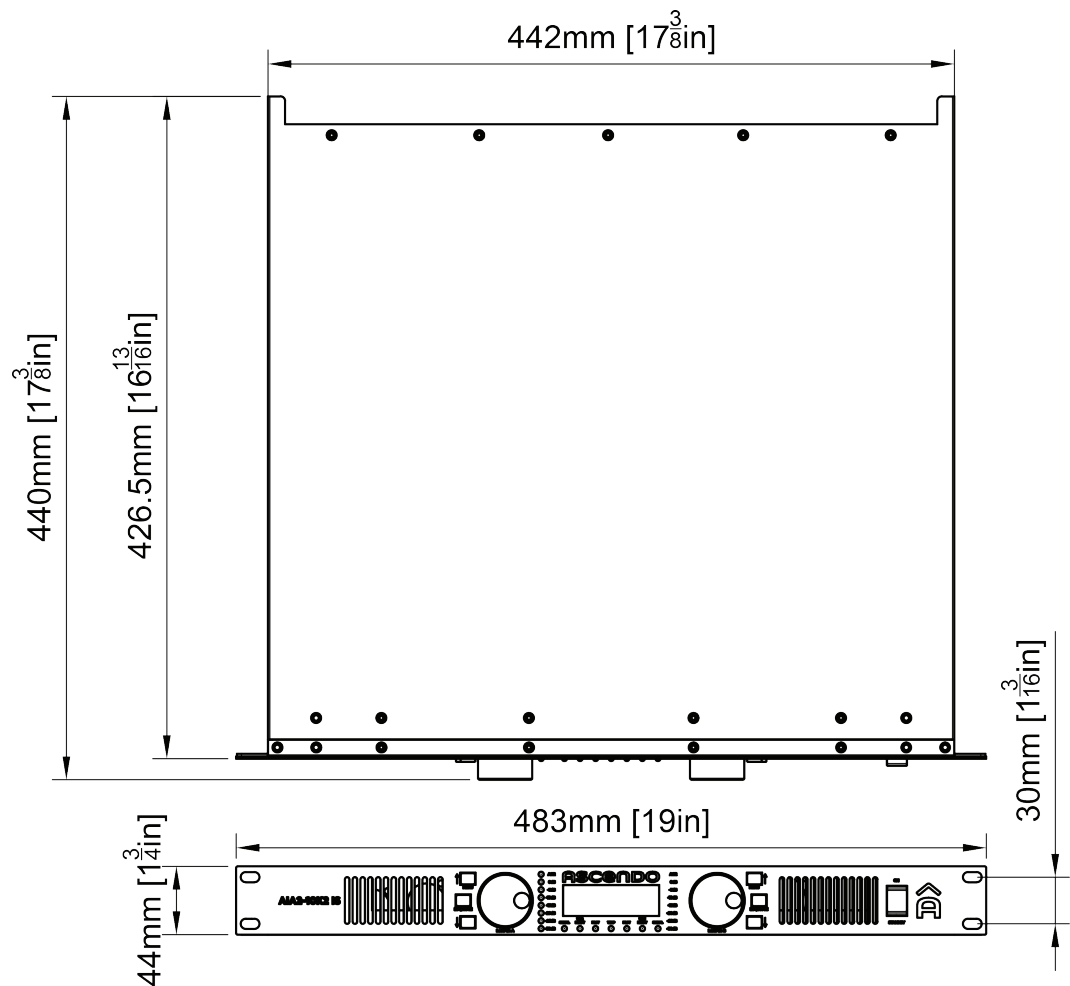


Figure 2. AIA2-10K2 IS dimensions

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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