



This powerful amplifier range from ASCENDO features state-of-the-art amplification technology, utilizing a very efficient and green design, without diminishing the quality of sound and dynamics that ASCENDO amplifiers are known for. This new generation of power supplies use Power Factor Correction (PFC) to improve efficiency, with the design also featuring high-efficiency audio modules in class D, and a very high capacity for instantaneous power.

- Ultra-compact and lightweight 2-U high
- Temperature controlled, front to back cooling fan, upside-down design to avoid fan dust accumulation
- Temperature and signal dependent, intelligent cooling system for minimal noise
- Highly oversized thermal dissipation design for maximum reliability
- Detented sealed potentiometers for easy recall of volume settings
- Protections include Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads. ICL clip-limiters
- 70V/100V Line Direct/Drive Output
- Neutrik® XLR and Speakon® connectors
- No 12V trigger included. External 12V trigger (Tri-As) available.

AIA Series	AIA 2-1404	AIA 2-2704	AIA 2-6004	AIA 4-2404	AIA 4-6004	AIA 8-2704	AIA 8-6004
DSP Channels	0	0	0	0	0	0	0
Channels	2	2	2	4	4	8	8
Output Power 230V @4Ω	2 x 700 W	2 x 1.350W	2 x 3.000W	4 x 610W	4 x 1.500W	8 x 340W	8 x 750W
Output Power 230V @8Ω	2 x 375 W	2 x 900W	2 x 1.500W	4 x 350W	4 x 800W	8 x 225W	8 x 400W
Bridged: Output Power 230V @8Ω	1 x 1.400 W			2 x 1.220W		4 x 680 W	4 x 1500W
Required AC Mains	170 – 265	170 – 265	90 – 265	170 – 265	90 – 265	170 – 265	90 – 265
VAC (50Hz-60Hz)	90 – 140 (opt.)	90 – 140 (opt.)	0,5A	90 – 140 (opt.)	0,5A	90 – 140 (opt.)	0,5A
Power On Idling (@230V)	0,5A	0,5A	4,5A	0,5A	4,5A	0,5A	4,5A
1/8 Rated Power (@230V, 4Ω)	1,8A	4A		3,2A		4A	
W x H x D (mm)	483 x 89 x 321	483 x 89 x 321	483 x 89 x 321	483 x 89 x 416	483 x 89 x 416	483 x 89 x 416	483 x 89 x 416
W x H x D (inch)	19 x 3,5 x 12,64	19 x 3,5 x 12,64	19 x 3,5 x 12,64	19 x 3,5 x 16,38	19 x 3,5 x 16,38	19 x 3,5 x 16,38	19 x 3,5 x 16,38
Weight (kg)	5	5	6	5	7,5	7,5	8
Weight (lbs)	11	11	13,2	11	16,5	16,5	17,6
Speaker Output	Neutrik	Neutrik	Neutrik	Neutrik	Neutrik	Neutrik	Neutrik
Input	XLR	XLR	XLR	XLR	XLR	XLR	XLR
Input Optional				DANTE AES67	DANTE AES67	DANTE AES67	DANTE AES67
Voltage Gain	32 dB	32 dB	32 dB	32 dB	32 dB	32 dB	32 dB
Sensitivity	1,4V	2,1V	2,8V	1,3V	2V	1,1V	1,4V
Signal-to-Noise Ratio	101 dBA	103 dBA	104 dBA	105 dBA	101 dBA	104 dBA	104 dBA
Frequency Response	20Hz – 20kHz						
Total Harmonic Distortion	<0,05%						
Intermodulation Distortion	<0,05%						
Damping Factor	>400						
Crosstalk 20Hz – 1kHz	>75dB						
Protections	Soft-start, Turn-on Turn-off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMS™						
	Technical modifications subject to change without further notice						

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