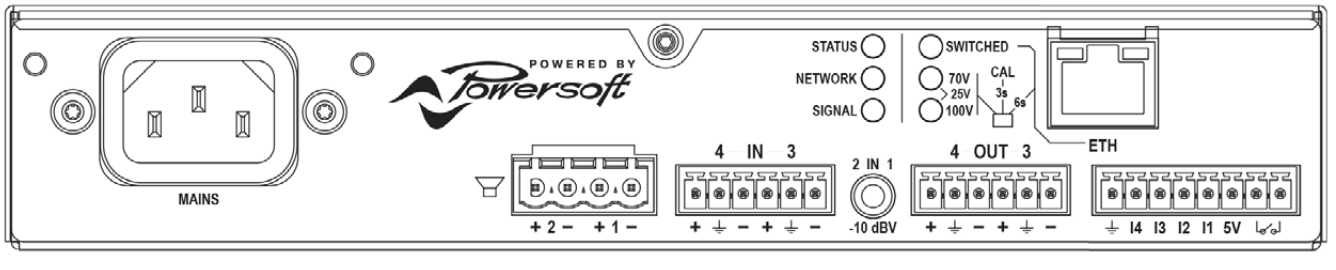
AT260-A

600W/2-channel Compact Amplifier with **DSP**

GENERAL			
Output power per channel	200 W @ 2 Ω	300 W @ 4 Ω	300 W @ 8 Ω
Maximum power-sharing capacity per channel		400 W @ 4 Ω	600 W @ 8 Ω
Max output voltage / current			
Maximum unclipped output voltage	142 Vpeak		
Maximum output current	15.6 Apeak		

AC MAIN POWER			
Power supply	Universal, regulated switch mode with PFC (Power Factor Correction)		
Nominal power requirement			100-240 V ±10%, 50-60 Hz
Operating voltage			90 V – 264 V
Power consumption/current draw			
Idle		115 V: 11 W – 0.22 A	230 V: 12 W – 0.17 A
1/8 of max output power @ 4 Ω		115 V: 125 W – 1.12 A	230 V: 22 W – 0.62 A

THERMAL		
Thermal dissipation		
Idle	115 V: 37 BTU/h	230 V: 41 BTU/h
1/8 of max output power @ 4 Ω	115 V: 109 BTU/h	230 V: 118 BTU/h



Channel Handling	
Number of output channels	2 (Euro 5 mm)
Line level outputs	2 (Euro 3.8 mm)
Balanced inputs channels	2 (Euro 3.8 mm)
Unbalanced inputs channels	2 (stereo mini-jack)

Audio	
Gain	17 dB - 47 dB (0.1 dB increments)
S/N (20 Hz - 20 kHz @ 8 Ω) analog input	>102 dB
Input sensitivity	4 dBu (balanced) | -10 dBV (unbalanced)
Max input level	18 dBu / 6.16 VRMS
Frequency Response @ 8 Ω	20Hz – 20kHz +/-0.5 dB
Crosstalk (1 kHz)	-60dB
Input impedance	10KΩ to GND / 20kΩ balanced
CMRR (Typ.)	60 dB

DSP	
AD converters	24 Bit @ 48 kHz 125 dB-A Dynamic Range - 0.00x % THD+N
DA converters	24 Bit @ 48 kHz 115 dB-A Dynamic Range - 0.00x % THD+N
Internal precision	32 bit floating point
Wake up time (from sleep)	2 s
Latency	2.5 ms fixed latency architecture
Delay	100ms (per output) for time alignment
Equalizer	Parametric IIR: peaking, hi/lo-shelving, all-pass, band-pass, band-stop
Crossover	Butterworth, Linkwitz-Riley, Bessel: 6 dB/oct to 24 dB/oct (IIR)
High pass filter	A 12 dB Butterworth high pass is automatically set based on the impedance response in the auto setup
Limiters	RMS voltage, Peak limiter
Load monitoring	Triggered impedance sweep, average impedance and pilot tone monitoring

Cooling & fan noise	
	Forced cooled - Front to back
Average output power capacity with fans not moving	4 W
Whisper mode	8 W (26 dBA)
Max power	41 dBA

Networking	
Network	1 x RJ45 Fast Ethernet
Network modes	Control/monitoring only

Construction	
Dimensions	210 x 275 x 40 mm
Weight	2.6 kg

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