

# BLAZE

PowerZone™ is a series of high-performance, ultra-compact, audio power installation amplifiers, with a total system power ranging from 250 W to 1000 W, specifically designed to reduce setup time and costs in challenging areas.



Features include Class-D amplifier technology, easy-to-configure DIP switches, a GPIO connector for remote volume control, automatic power sharing across output channels\*, and independently configurable output channels capable of driving both Lo-Z and Hi-Z speakers.

PowerZone™ comes with desk and wall mount brackets, as well as full rack support.



[Learn more](#)

\*252/504 only



## Model overview

Model	PowerZone 252	PowerZone 504	PowerZone 1004
Total System Power	250 W	500 W	1000 W
Output Power @ 4/8 $\Omega$	2 x 125 W	4 x 125 W	4 x 250 W
Output Power @ 70/100 V*	2 x 125 W	4 x 125 W	4 x 250 W
Powershare (up to) Across all channels**	1 x 250 W	2 x 250 W	N/A
Power Consumption	75 W	150 W	300 W
Dimensions	44.5 x 220 x 262 mm (1.75 x 8.66 x 10.31 in)	44.5 x 220 x 337 mm (1.75 x 8.66 x 13.27 in)	44.5 x 440 x 292 mm (1.75 x 17.32 x 11.50 in)
Weight	1.9 kg (4.2 lbs)	2.4 kg (5.3 lbs)	3.6 kg (7.9 lbs)
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion		
Output Voltage	70 Vp / 140 Vpp (unloaded) / Bridged 140 Vp / 280 Vpp (unloaded)		
Signal To Noise-Ratio	> 100 dB (A-weighted, 20 Hz - 20 kHz, 8 $\Omega$ load)		
THD+N (typical)	< 0.05 % (20 Hz - 20 kHz, 8 $\Omega$ load, 3 dB below rated power)		
Frequency Response	20 Hz - 20 kHz (+0/-0.25 dB (8 $\Omega$ load, 3 dB below rated power)		
Protection Circuits	Short circuit protection, DC protection, under voltage protection, temperature protection, overload protection		
Power Supply	UREC™ universal mains switch mode power supply with Power Factor Correction (PFC) and integral standby converter		
Operating Voltage/ Frequency.	Universal Mains, 100-240 V, 50-60 Hz		
Standby Consumption	< 0.5 W (Energy Star & ErP 1275/2008/EC compliant)		
Accessories	2x Rack ears (supplied with PowerZone 1004) 1x 1/2 rack plate extension 2x 1/2 rack mounting 2x Rear supports		
Power Ratings	1% THD @ 120 VAC and 230 VAC		

\*100 V line mode is @ -1 dB ( $\approx$  90 V)

\*\*504 may only Powershare across Ch1/2 and Ch3/4

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