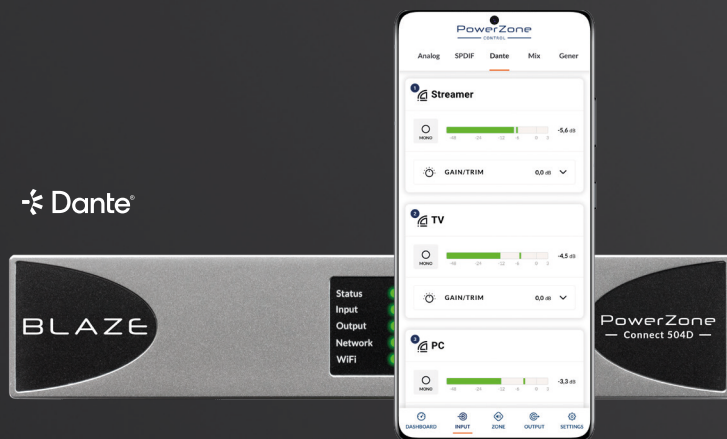


BLAZE

The PowerZone™ Connect 1U series is a line of DSP-enabled Class-D amplifiers, providing unmatched reliability, efficiency, and exceptional system configuration for installation projects with limited space constraints, demanding high-output performance of up to 1000 W.

The PowerZone™ Connect 1U amplifiers come in configurations of 2, 4, and 8 channels, with select models offering compatibility with Audinate Dante™ AoIP networks and installations.



Explore the built-in web app PowerZone™ Control, designed for intuitive configuration of complex audio/voice systems, offering a wide range of DSP options, including multi-zone setup, input mixing, priority, ducking, restriction, input and output EQ, and much more.



Demo web app



Model overview

Model	PowerZone™ Connect 122/122D	PowerZone™ Connect 252	PowerZone™ Connect 254	PowerZone™ Connect 504/504D	PowerZone™ Connect 508	PowerZone™ Connect 1008
Total System Power	125 W	250 W	250 W	500 W	500 W	1000 W
Output Power @ 4/8 Ω	2 x 60 W	2 x 125 W	4 x 60 W	4 x 125 W	8 x 60 W	8 x 125 W
Output Power @ 70/100 V*	1 x 125 W	1 x 250 W	2 x 125 W	2 x 250 W	4 x 125 W	4 x 250 W
Powershare (up to) Across all channels**	1 x 125 W	1 x 250 W	1 x 250 W	2 x 250 W	2 x 250 W	4 x 250 W
Power Consumption	75 W	75 W	75 W	150 W	150 W	300 W
Dimensions	44 x 220 x 213 mm (1.7 x 8.7 x 8.4 in)	44 x 220 x 213 mm (1.7 x 8.7 x 8.4 in)	44 x 220 x 319 mm (1.7 x 8.7 x 12.6 in)	44 x 220 x 319 mm (1.7 x 8.7 x 12.6 in)	44 x 440 x 319 mm (1.7 x 17.3 x 12.6 in)	44 x 220 x 319 mm (1.7 x 17.3 x 12.6 in)
Weight	2 kg (4.4 lbs)	2 kg (4.4 lbs)	2.8 kg (6.2 lbs)	2.8 kg (6.2 lbs)	3.5 kg (7.7 lbs)	3.8 kg (8.4 lbs)
Power Ratings	1% THD @ 120 Vac and 230 Vac					
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	>106 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load)					
THD+N (typical)	< 0.05% (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power)					
Frequency Response	20 Hz - 20 kHz (+0/-0.8 dB (8 Ω load, 3 dB below rated power)					
Protection Circuits	Short circuit -, DC -, Undervoltage -, Temperature - and Overload protection					
Power Supply	UREC™ universal mains switch mode power supply with Power Factor Correction (PFC) and standby converter					
Operating temperature	0 - 40° C					
Operating Voltage / Frequency	Universal Mains, 100 V - 240 V, 50 Hz - 60 Hz					
Standby Consumption	< 0.6 W					
Accessories	2 x Rack ears 1 x ½ rack plate extension 2 x ½ rack mounting plates 2 x Rear supports				2 x Rack ears (fitted) 2 x Rear supports	

*100 V line mode is @ -1 dB (≈ 90 V)

** PowerZone™ Connect 504 may only Powershare across Ch 1/2 and 3/4

PowerZone™ Connect 508 may only Powershare across Ch 1/2/3/4 and 5/6/7/8

PowerZone™ Connect 1008 may only Powershare across Ch 1/2, 3/4, 5/6 and 7/8

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