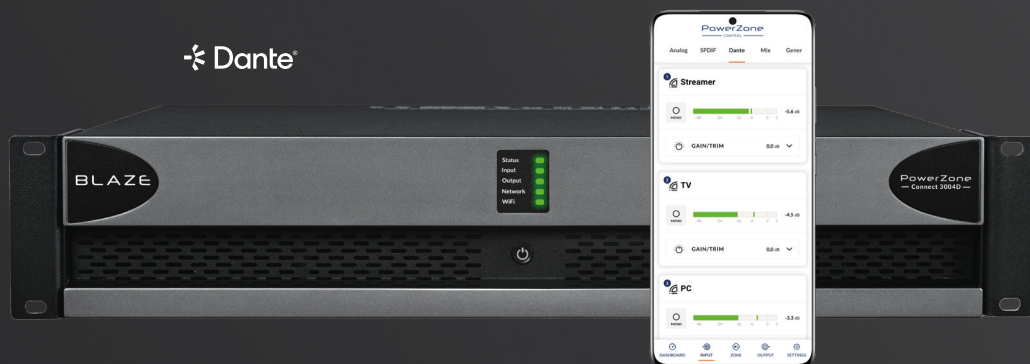


# BLAZE

The PowerZone™ Connect 2U series is a line of ultra-reliable, DSP-enabled Class-D amplifiers that delivers exceptional system configuration and flexible output, with a total system power ranging from 1000 W to 6000 W.

The PowerZone™ Connect 2U 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 1002	PowerZone™ Connect 1502	PowerZone™ Connect 2004/2004D	PowerZone™ Connect 3004/3004D	PowerZone™ Connect 4008	PowerZone™ Connect 6008
Channels	2 x Lo-Z/1 x Hi-Z	2 x Lo-Z/1 x Hi-Z	4 x Lo-Z/2 x Hi-Z	4 x Lo-Z/2 x Hi-Z	8 x Lo-Z/4 x Hi-Z	8 x Lo-Z/4 x Hi-Z
Output Power @ 2 Ω	2 x 500 W (SE)*	2 x 750 W (SE)	4 x 500 W (SE)	4 x 750 W (SE)	8 x 500 W (SE)	8 x 750 W (SE)
Output Power @ 4 Ω	2 x 500 W (SE) 1 x 1000 W (BTL)**	2 x 750 W (SE) 1 x 1500 W (BTL)	4 x 500 W (SE) 2 x 1000 W (BTL)	4 x 750 W (SE) 2 x 1500 W (BTL)	8 x 500 W (SE) 4 x 1000 W (BTL)	8 x 750 W (SE) 4 x 1500 W (BTL)
Output Power @ 8 Ω	2 x 250 W (SE) 1 x 1000 W (BTL)	2 x 400 W (SE) 1 x 1500 W (BTL)	4 x 250 W (SE) 2 x 1000 W (BTL)	4 x 400 W (SE) 2 x 1500 W (BTL)	8 x 250 W (SE) 4 x 1000 W (BTL)	8 x 400 W (SE) 4 x 1500 W (BTL)
Output Power @ 70 V	1 x 1000 W (BTL)	1 x 1200 W (BTL)	2 x 1000 W (BTL)	2 x 1200 W (BTL)	4 x 1000 W (BTL)	4 x 1200 W (BTL)
Output Power @ 100 V	1 x 1000 W (BTL)	1 x 1500 W (BTL)	2 x 1000 W (BTL)	2 x 1500 W (BTL)	4 x 1000 W (BTL)	4 x 1500 W (BTL)
Total System Power	1000 W	1500 W	2000 W	3000 W	4000 W	6000 W
Power Consumption	350 W	350 W	700 W	700 W	1400 W	1400 W
Output Voltage	65 Vp / 130 Vpp (SE unloaded) 130 Vp / 260 Vpp (BTL unloaded)	80 Vp / 160 Vpp (SE unloaded) 160 Vp / 320 Vpp (BTL unloaded)	65 Vp / 130 Vpp (SE unloaded) 130 Vp / 260 Vpp (BTL unloaded)	80 Vp / 160 Vpp (SE unloaded) 160 Vp / 320 Vpp (BTL unloaded)	65 Vp / 130 Vpp (SE unloaded) 130 Vp / 260 Vpp (BTL unloaded)	80 Vp / 160 Vpp (SE unloaded) 160 Vp / 320 Vpp (BTL unloaded)
Weight	5.9 kg	5.9 kg	7.4 kg	7.4 kg	11.3 kg	11.3 kg
Dimensions	88 x 440 x 332 mm (3.5 x 17.3 x 13.1 in)				88 x 440 x 414 mm (3.5 x 17.3 x 16.3 in)	
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion					
Signal To Noise-Ratio	>108 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/-0.5 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 tempera- ture	0 - 40° C					
Operating Voltage/ Frequency	Universal Mains, 100 V - 240 V, 50 Hz - 60 Hz					
Standby Consumption	<0.5 W					
Options	Audinate Dante® AoIP compatibility [PowerZone™ Connect 2004D/3004D only]					
Accessories	2 x rack ears, 4 x adhesive feet					
Power Ratings	Output power measured @ 1% THD at 120 VAC 60 Hz and 230 VAC 50 Hz					

\*SE – conventional, single ended output mode

\*\*BTL – bridge-tied load output mode

