



APPLICATIONS

- Bars and Cafes
- Restaurants
- Retail stores
- Fitness Centres
- Hotels and Education Sites
- Corporate
- House of Worship

2/4 Channel Full Matrix DSP Power Amplifiers

PowerZone Connect 122 • 252 • 254 • 504

The Blaze PowerZone Connect series is a series of multi-zone installation amplifiers. The amplifiers have built in Wireless-Access-Point (WAP) for the simple connection and configuration via Wi-Fi.

- ✔ **DSP** – full matrix DSP embedded and controlled via TCP/IP
- ✔ **Targeted Constant Voltage** – Optimal hybrid of Lo-Z & Hi-Z performance
- ✔ **Master / Slave functionality** – S/PDIF link to multiple amps
- ✔ **Power share** – Support power sharing up to 250W per channel
- ✔ **Market proven reliability** – Based on Pascal's proven technologies
- ✔ **UREC™ universal power supply with PFC**

WEB APP

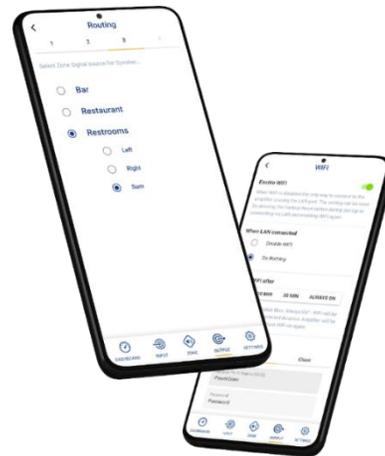
PowerZone Control

You can set up and control any PowerZone Connect DSP amplifier using your phone, tablet, or PC with the smart PowerZone Control Web App.

System integrators now have the freedom to manage even the most complex install projects with our dedicated PowerZone Control web app. Configure everything from your phone, or any other device of your choice. Simply connect through the amplifier's built-in Wi-Fi, or direct via the network port.

PowerZone Control makes life easier - thanks to its intuitive interface giving access first to the basic system set up, and then the advanced configuration and professional tuning settings. It allows you to create the most impressive multi-zone sound system, in the least amount of time.

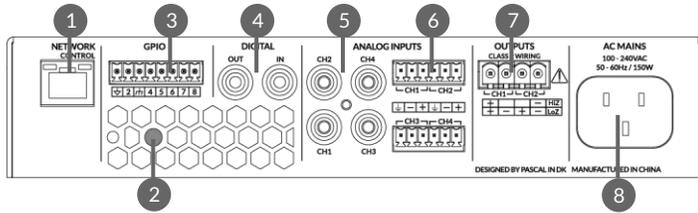
The main dashboard shows a simple overview of your system, where volume levels are easily adjusted for each zone. Its effortless to set up and manage sound zones, pair inputs and outputs, and manage external volume controllers via the GPIO settings.



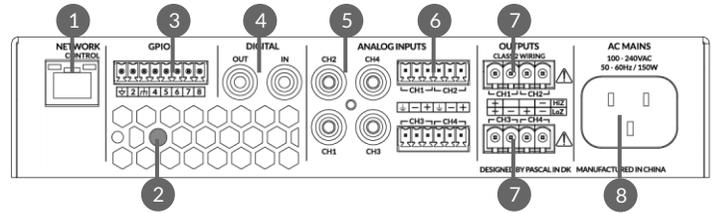
Explore a variety of advanced tuning options including delay settings, speaker EQ, High-Z and Low-Z, and various other output options. Then via settings you have system and device info, built-in power management and the option of updating, saving, and exporting your amplifier's customized set-up as a profile you can restore or use on the next install project.

Make life easy and configure audio systems from your phone – with the PowerZone Connect and Control.

2 Channel PowerZone Connect 122 & 252



4 Channel PowerZone Connect 254 & 504



1. RJ45 connection
2. Wi-Fi antenna
3. Wall control input – Mute/Std +more – Selectable in Control SW
4. Digital audio in/out – (S/PDIF)
5. 4 x Unbalanced RCA input
6. Balanced inputs – Mic input on CH1 and CH2 – Sensitivity selectable in Control SW
7. 4 x Lo-Z outputs or 2 x Hi-Z outputs (model depending)
8. Mains Power IEC 90-268Vac input

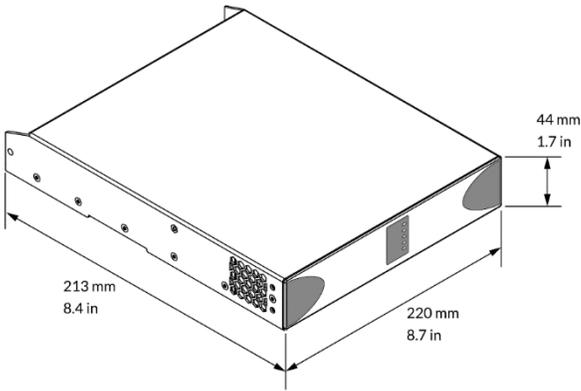
Model	PowerZone Connect 122	PowerZone Connect 252	PowerZone Connect 254	PowerZone Connect 504
Total System Power	125 W	250 W	250 W	500 W
Output Power @ 4/8Ω	2 x 60 W	2 x 125 W	4 x 60 W	4 x 125 W
Output Power @ 70/100V*	1 x 125 W	1 x 250 W	2 x 125 W	2 x 250 W
Powershare (up to) Across all channels**	1 x 125 W	1 x 250 W	1 x 250 W	2 x 250 W
Power Consumption	75W	75W	75W	150W
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)
Weight	2kg (4.4 lbs)	2kg (4.4 lbs)	2.8kg (6.2 lbs)	2.8kg (6.2 lbs)
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion			
Output Voltage	70Vp / 140Vpp (unloaded) // Bridged 140Vp / 280 Vpp (unloaded)			
Signal To Noise-Ratio	>106dB (A-weighted, 20Hz-20kHz, 8Ω load)			
THD+N (typical)	< 0.05% (20Hz-20kHz, 8Ω load, 3dB below rated power)			
Frequency Response	20Hz-20kHz (+0/-0.25dB (8Ω load, 3dB 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, 100V-240V, 50Hz-60Hz			
Standby Consumption	< 0.5W			
Accessories	2x Rack ears 1x ½ rack plate extension 2x ½ rack mounting 2x Rear supports			
Power Ratings	1% THD @ 120Vac and 230Vac			

*100V line mode is @ -1dB (≈ 90 V)

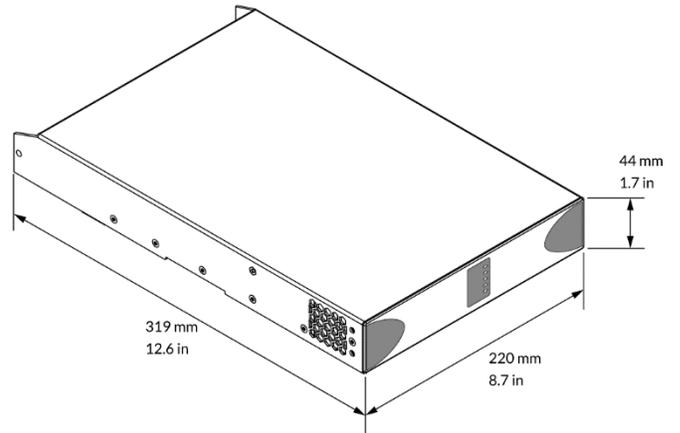
**504 may only Powershare across Ch1/2 and Ch3/4

DIMENSIONS

2 Channel PowerZone Connect 122 & 252



4 Channel PowerZone Connect 254 & 504



ACCESSORIES

