



APPLICATIONS

- Shopping Malls
- Large Scale Paging & Distribution
- Auditoriums
- Hotels & Conferences
- Theaters
- Foreground Music
- Casinos

2/4 Channel Full Matrix DSP Power Amplifiers

PowerZone Connect 1002 • 1502 • 2004 • 3004

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
- ✓ **UREC™ universal power supply with PFC**
- ✓ **Market proven reliability** - Based on Pascal's proven technologies
- ✓ **5 Year warranty** - Blaze Audio products are designed to endure

WEB APP

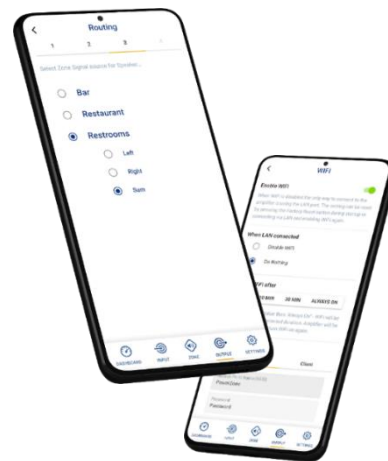
PowerZone Control

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.

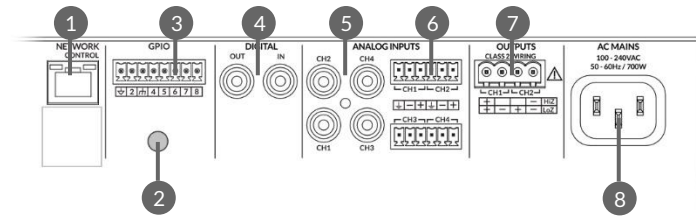
The main dashboard shows a simple overview of your system, where volume levels are easily adjusted for each zone. Its effortless to set up and manage sound zones, pair inputs and outputs, and manage external volume controllers via the GPIO settings.



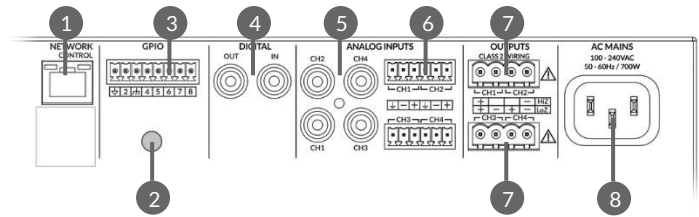
Explore a variety of advanced tuning options including delay settings, speaker EQ, High-Z and Low-Z, and various other output options. Then via settings you have system and device info, built-in power management and the option of updating, saving, and exporting your amplifier's customized set-up as a 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 1002 & 1502



4 Channel PowerZone Connect 2004 & 3004



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 1002	PowerZone Connect 1502	PowerZone Connect 2004	PowerZone Connect 3004
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
Output Power @ 2Ω	2 x 500 W (SE)*	2 x 750 W (SE)	4 x 500 W (SE)	4 x 750 W (SE)
Output Power @ 4Ω	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)
Output Power @ 8Ω	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)
Output Power @ 70V	1 x 1000 W (BTL)	1 x 1200 W (BTL)	2 x 1000 W (BTL)	2 x 1200 W (BTL)
Output Power @ 100V	1 x 1000 W (BTL)	1 x 1500 W (BTL)	2 x 1000 W (BTL)	2 x 1500 W (BTL)
Total System Power	1000 W	1500 W	2000 W	3000 W
Power Consumption	350 W	350 W	700 W	700 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)
Weight	5.9 kg	5.9 kg	7.4 kg	7.4 kg
Dimensions	88 x 440 x 332 mm (3.5 x 17.3 x 13.1 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 temperature	0-40°C			
Operating Voltage/Frequency	Universal Mains, 100 V-240 V, 50 Hz-60 Hz			
Standby Consumption	<0.5 W			
Accessories	2x rack ears, 4 x adhesive feet			
Power Ratings	1 % THD @ 120 Vac and 230 Vac			

*SE - conventional, single ended output mode

**BTL - bridge-tied load output mode

DIMENSIONS

2 and 4 Channel PowerZone Connect 1002, 1502, 2004 & 3004

