

# BLAZE

## USE CASE

### PowerZone™ Connect 1008

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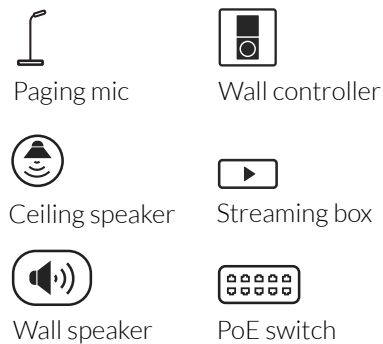
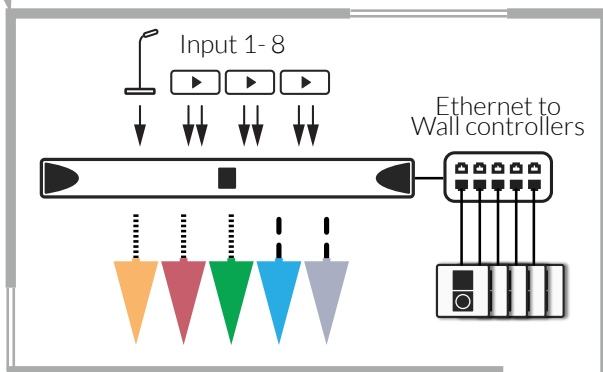


A multi-zone power amplifier is a powerful tool for setting the mood throughout various areas of a supermarket. It has the capability to manage background music or announcements throughout the entire market or divide it into multiple zones, each with its own individual audio source and volume control. For instance, the food court may require a distinct music source and volume level compared to the shopping area, ensuring a more personalized atmosphere for both shoppers and diners.

Here's an illustration of how our PowerZone™ Connect 1008 could serve as the audio power source in a medium-sized supermarket or retail store.



Control room



## Outputs

- ..... Speaker line 100 V (Ch 1-2) ■ Zone 1
- ..... Speaker line 100 V (Ch 3-4) ■ Zone 2
- ..... Speaker line 100 V (Ch 5-6) ■ Zone 3
- - - Speaker line Mono (Ch 7) ■ Zone 4
- - - Speaker line Mono (Ch 8) ■ Zone 5

# PowerZone™ Connect 1008



Total System Power	1000 W	
Output Power @ 4/8 Ω	8 x 125 W	
Output Power @ 70/100 V*	4 x 250 W	
Powershare (up to) Across all channels**	4 x 250 W	
Power Consumption	300 W	
Dimensions	44 x 220 x 319 mm (1.7 x 17.3 x 12.6 in)	
Weight	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