



APPLICATIONS

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

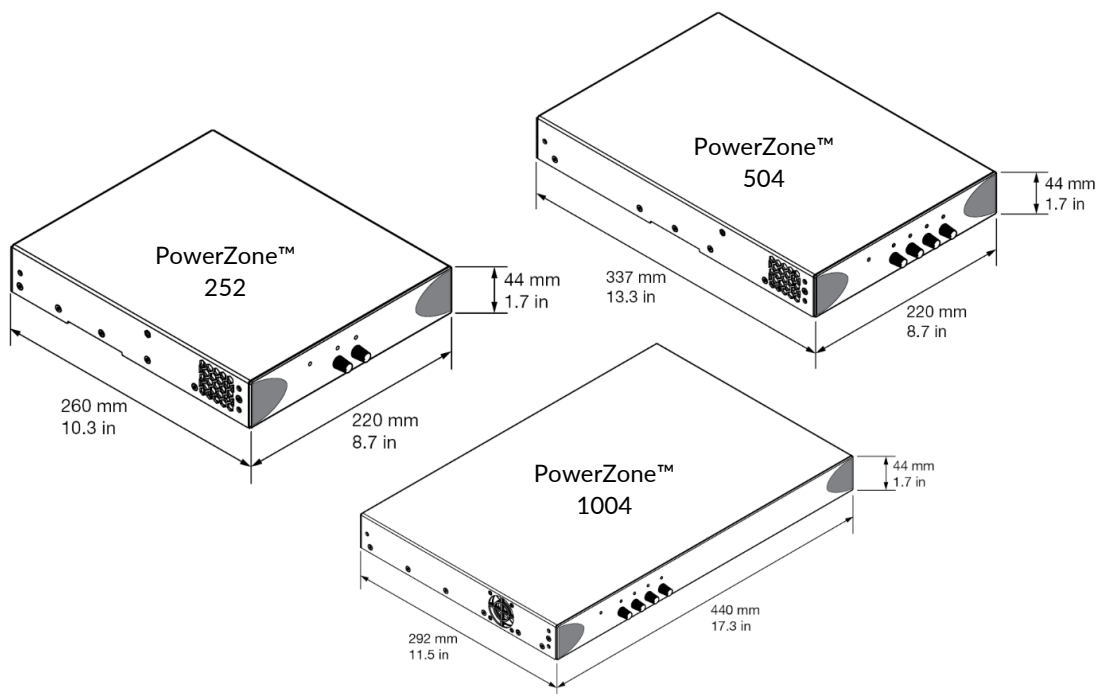
2/4 Channel Install Power Amplifiers

PowerZone™ · 252 · 504 · 1004

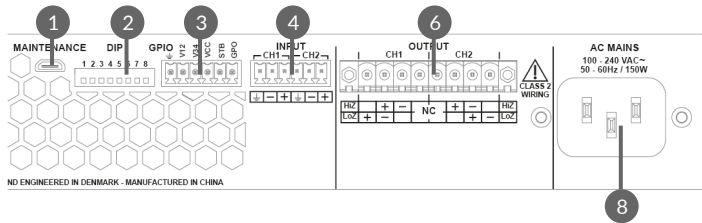
The PowerZone™ series of install power amplifiers are designed to provide affordable, versatile, and reliable high-performance audio power.

- ✔ **All channels deliver high & low impedance loads** – meaning one amplifier can replace two, and saves you costs and installation time.
- ✔ **Total power is automatically shared across the output channels** – use one PowerZone™ amp to utilize the power where you need it (*model-specific feature).
- ✔ **Ultra-compact form factor** – means the ½ rack PowerZone™ are so small and neat they can be installed in spaces where other brands cannot.
- ✔ **Consolidate products and brands** – save the hassle of sourcing multiple amplifiers when PowerZone™ can be used on many different install sites.
- ✔ **Easy to configure DIP Switches** - allow you to set up on-site as you need and has front panel control lock to stop unwanted changes to your setup.
- ✔ **GPIO interface** – enables adding a standard remote control (potentiometer) to the system.
- ✔ **Class leading energy efficiency** – means a day-to-day energy saving and long-term low cost of ownership.
- ✔ **Pascal's UMAC™ Class-D amplifier technology** – with market proven, ultra-reliable U-PRO amp modules
- ✔ **PowerZone™ quality and reliability are backed up with a 5-year warranty.**

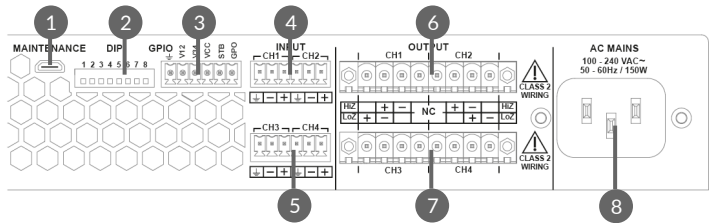
DIMENSIONS



2 Channel PowerZone™ 252



4 Channel PowerZone™ 504 & 1004



1. Maintenance Port (Only Used by Blaze / Manufacturer)
2. DIP Switches (see user Manual for configuration options)
3. GPIO Connections
4. INPUT - Channel 1&2
5. INPUT - Channel 3&4
6. OUTPUT - Channel 1&2
7. OUTPUT - Channel 3&4
8. Mains Power

| Model | PowerZone™ 252 | PowerZone™ 504 | PowerZone™ 1004 |
|---|---|---|--|
| Total System Power | 250 W | 500 W | 1000 W |
| Output Power @ 4/8Ω | 2 x 125 W | 4 x 125 W | 4 x 250 W |
| Output Power @ 70/100V* | 2 x 125 W | 4 x 125 W | 4 x 250 W |
| Powershare (up to) Across all channels** | 1 x 250 W | 2 x 250 W | N/A |
| Total System Power | 250 W | 500 W | 1000 W |
| Power Consumption | 75W | 150W | 300W |
| Dimensions | 44.5 x 220 x 262 mm (1.75 x 8.66 x 10.31 in) | 44.5 x 220 x 337 mm (1.75 x 8.66 x 13.27 in) | 44.5 x 440 x 292 mm (1.75 x 17.32 x 11.50 in) |
| Weight | 1.9 kg (4.2 lbs) | 2.4 kg (5.3 lbs) | 3.6 kg (7.9 lbs) |
| Output Circuitry | UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion | | |
| Output Voltage | 45Vrms (S.E) - 70/100V (Hi-Z) | | |
| Signal To Noise-Ratio | > 100 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/-0.25 dB (8 Ω load, 3 dB below rated power) | | |
| Protection Circuits | Short circuit protection, DC protection, under voltage protection, temperature protection, overload protection | | |
| Power Supply | UREC™ universal mains switch mode power supply with Power Factor Correction (PFC) and integral standby converter | | |
| Operating Voltage/Frequency. | Universal Mains, 100-240V, 50-60Hz | | |
| Standby Consumption | < 0.5 W (Energy Star & ErP 1275/2008/EC compliant) | | |
| Accessories | 2x Rack ears (supplied with PowerZone™ 1004) 1x 1/2 rack plate extension 2x 1/2 rack mounting 2x Rear supports | | |
| Power Ratings | 1% THD @ 120VAC and 230VAC | | |

*100V line mode is @ -1dB

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

ACCESSORIES

