

SONANCE

PowerZone® Connect PRO • 300.2/300.2D • 600.2/600.2D • 600.4/600.4D • 1200.4/1200.4D • 2000.2/2000.2D • 4000.4/4000.4D

TECHNICAL DATA SHEET

POWERZONE CONNECT PRO SERIES

Professional Zone Processing Amplifiers

The PowerZone Connect PRO series is a family of Hi-Z/Lo-Z direct-drive amplifiers designed for seamless integration into professional AV environments. Built around an advanced DSP architecture with comprehensive zoning functions, these amplifiers deliver precise signal management, scalable configuration, and outstanding reliability across distributed audio systems. The integrated signal routing and processing tools provide a complete solution for most applications - eliminating the need for external processors.

Each PowerZone Connect PRO model supports intuitive zoning control through compatible Wall-M controllers or third-party integration via an open API, ensuring dependable interoperability with control platforms. With options for Audinate Dante AoIP connectivity, these amplifiers fit seamlessly into both analog and digital infrastructures, providing a unified, efficient backbone for modern audio system design.

APPLICATIONS

- Hospitality
- Retail
- Education
- Fitness
- Corporate
- Worship

FEATURES AND BENEFITS

SMART CONNECTIVITY & CONTROL

Built-in Wi-Fi and the PowerZone Control web app for streamlined setup, alongside configurable GPIO and Wall-M controller compatibility.

ADVANCED ZONE PROCESSING

Equipped with a matrixed DSP architecture, each zone operating independently with source selection, level control, dynamics, and zone-specific priority rules. Priority overrides are applied per zone, ensuring paging and emergency sources affect only the intended areas. This enables predictable signal behavior and straightforward configuration for multi-zone systems.

VERSATILE POWER & I/O

Supports Hi-Z/Lo-Z direct drive on all outputs. Also provides S/PDIF for seamless signal sharing and Audinate Dante AoIP on select models.

EFFICIENCY & RELIABILITY

Powered by a UREC™ universal power supply with PFC, fully ErP and Energy Star compliant for maximum efficiency.

LONG-TERM PROTECTION

Backed by a comprehensive 5-year warranty to ensure professional-grade reliability.

WEB APP

PowerZone Control is a built-in web application for configuring and managing multi-zone audio systems. It provides full-matrix DSP control, including zone routing, input mixing, priority override and ducking, input and output EQ, high-pass filtering, speaker presets, delay, S/PDIF routing, wall controller configuration, and system utilities such as signal generators and source selection restrictions.

PowerZone Control supports complex multi-zone environments across hospitality, retail, education, fitness, corporate, and worship applications.

The interface is embedded in all PowerZone Connect amplifiers and is accessible from any device and browser via the built-in wireless access point or wired RJ45 network connection.



TECHNICAL SPECIFICATIONS

Model	PowerZone Connect PRO 300.2/300.2D	PowerZone Connect PRO 600.2/600.2D	PowerZone Connect PRO 600.4/600.4D	PowerZone Connect PRO 1200.4/1200.4D	PowerZone Connect PRO 2000.2/2000.2D	PowerZone Connect PRO 4000.4/4000.4D
Total System Power	300 W	600 W	600 W	1200 W	2000 W	4000 W
Output Power @ 70/100 V	2 x 150 W	2 x 300 W	4 x 150 W	4 x 300 W	2 x 1000 W	4 x 1000 W
Output Power @ 4 Ω	N/A	N/A	N/A	N/A	2 x 1000 W	4 x 1000 W
Output Power @ 8 Ω	2 x 150 W	2 x 300 W	4 x 150 W	4 x 300 W	2 x 1000 W	4 x 1000 W
Powersharing*	1 x 300 W	N/A	2 x 300 W	N/A	N/A	N/A
Power Consumption	75 W	150 W	150 W	300 W	700 W	1400 W
Dimensions (HxWxD)	44 x 220 x 320 mm (1.7 x 8.7 x 12.6) in	44 x 220 x 320 mm (1.7 x 8.7 x 12.6) in	44 x 440 x 320 mm (1.7 x 17.3 x 12.6) in	44 x 440 x 320 mm (1.7 x 17.3 x 12.6) in	88 x 440 x 320 mm (3.5 x 17.3 x 12.6) in	88 x 440 x 414 mm (3.5 x 17.3 x 16.3) in
Weight	2.8 kg (6.2 lbs)	2.8 kg (6.2 lbs)	3.5 kg (7.7 lbs)	3.8 kg (8.4 lbs)	7.4 kg (16.3 lbs)	11.6 kg (25.6 lbs)
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion					
Output Voltage**	90 Vrms - 70 / 100 V (Hi-Z)					
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/-0.5 dB), 8 Ω load, 3 dB below rated power					
Protection Circuits	Short circuit, DC, Undervoltage, Temperature, 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	2 Rack ears included (full rack models only), 4 adhesive feet, input/output connection plugs (included)					
Audinate Dante Compatibility	Audinate Dante AoIP compatibility: Ultimo Chip 4x4, 2 flows rx/tx (PowerZone® Connect PRO 300.2D/600.2D/600.4D/1200.4D/2000.2D/4000.4D only)					

*Powersharing allows each pair of channels to deliver up to 300W total power in any ratio.

** Output voltage is managed according to selected output mode and load.

WARRANTY, REMEDY, EXCLUSIONS AND LIMITATIONS

LIMITED WARRANTY

Sonance warrants this product to the original purchaser to be free from defects in material and workmanship, under normal use and conditions, for a period of five (5) years from the date of original purchase as shown on the invoice. The foregoing exclusive warranty gives you specific legal rights, and you may have other rights, which vary from state to state. This warranty applies exclusively to the original purchaser.

The exclusive warranty does not apply and is ineffective if:

1. The invoice fails to establish that the product was purchased from an authorized Sonance dealer or distributor;
2. The product was subjected to misuse, neglect, accident, or improper installation.
(Damage to the product was caused by accident, abuse or misuse);
3. The product was modified, altered, or repaired by unauthorized personnel; or
4. The unit was not used as described in the installation and operating instructions.

EXCLUSIVE REMEDY

Sonance agrees, at its option during the five (5) year warranty period, to repair any defect in material or workmanship or to furnish an equal product in exchange without charge to the purchaser, subject to the verification of the defect and proof of the date of purchase.

WARRANTY EXCLUSIONS AND DAMAGE LIMITATIONS

The exclusive warranty set forth above is in lieu of all other warranties, express or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose, which are expressly disclaimed. In no event, and under no circumstances or legal or equitable theory, shall Sonance be liable or responsible for any direct or indirect damages, consequential damages, loss, or injury, including without limitation, personal injury, bodily injury, property damage, emotional distress, death, real property or personal property damage, business interruption, costs of delay or lost profits arising from the product, whether based upon warranty, contract, negligence, strict product liability or other theory.