

Cyclone 208i

Key features:

- Powered loudspeaker with 600 W integrated amplifier module
- Two 150 W outputs (4 Ω) via Phoenix connector.
- 24 Bit, 48 kHz DSP with 4 onboard preset banks
- Compatible with Void speaker preset library and ArmoniaPlus software
- Combination XLR and 1/4" jack inputs with Phoenix outputs
- Reflex loaded dual 8" low frequency loudspeaker
- Tough, high excursion transducers with 2" voice coil
- Stylised design in a low resonance fibreglass enclosure

Applications:

- Hotel, restaurant, and retail
- Bar, lounge
- Gyms and fitness
- Corporate and AV



The Cyclone 208i is a dual 8" powered loudspeaker with DSP, featuring a 600 W integrated amplifier with two 150 W (4 Ω) Phoenix outputs and 4 onboard preset banks. Void loudspeaker presets can be switched out and saved using ArmoniaPlus control software. The Cyclone 208i is the perfect accompaniment for powering smaller Void loudspeakers like the Cyclone 4, where premium sound quality is required from a small footprint with easy set-up.

Specifications

Frequency response	42 Hz - 120 Hz ± 3 dB
Maximum Output ¹	119 dB cont, 125 dB peak
Crossover Points	80 Hz - 120 Hz active
Driver Configuration	2 x 8" LF
Weight	19.5 kg (42.99 lbs)
Enclosure	Fibreglass composite
Finish	Smooth cellulose
Grille	Perforated steel with foam filter
Mounting	Ground stack bracket
Power	IEC C13
Input	Combo XLR and 1/4" jack
AD/DA	24-bit, 48 kHz
Onboard Presets	4
Amplifier	300 W (for LF) 2 x 150 W (4 Ω)
Nominal power requirement	AC 100 V - 240 V, 50/60 Hz with PFC
Consumption Standby	< 0.5 W, Idle 10 W, 1/4 of max output power @ 4 Ω 150 W
IP Rating	IP10

¹ Calculated

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Architectural specifications

The loudspeaker shall be a self-powered, dual 8" (203.2 mm) direct radiating, reflex loaded, low frequency loudspeaker in a fibreglass enclosure.

The enclosure shall be of a moulded fibreglass reinforced plastic construction with a smooth cellulose finish and UV-resilient paint. External dimensions of cabinet (H) 513 x (W) 296 mm x (D) 299 (20.2" x 11.7" x 11.8") with stand (H) 593 x (W) 348 x (D) 363 and (23.3" x 13.7" x 14.3") and weigh 19.5 kgs.

Performance specifications of a typical production unit shall be as follows: frequency response of 42 Hz – 120 Hz (± 3 dB) with a maximum SPL of 125 dB peak. Power handling shall be 300 W AES with a rated nominal impedance of 8 Ω .

The low frequency transducer shall be constructed on cast aluminium frame with a treated paper cone, a 2" (50.8 mm) voice coil, wound with copper wire on a high-quality former for high power handling and long-term reliability.

The system shall be powered by its own dedicated 300 W amplifier module with DSP management and two 150 W outputs at 4 Ω . Inputs shall be combination XLR and 1/4" type and powered outputs shall be Phoenix. DSP features shall be accessed via dedicated ethernet connection.

The loudspeaker shall be a Void Acoustics Cyclone 208i.

