

Venu 218 V2

Key features:

- High power reflex loaded dual 18" low frequency loudspeaker
- 2400 W AES power handling with a peak output of 138 dB SPL
- Tough, high excursion transducers with 4" voice coil and FEM optimized motor
- SpeakON™ and Phoenix connector with link through for quick and reliable hook ups
- Recessed rear connector panel that allows the enclosure to be placed against a rear wall
- Optional M20 top hat fixture for flexible mounting of satellites
- Sturdy enclosure made entirely from 18 mm multi-laminate birch plywood



Applications:

- Bar, club, lounge
- Hotel, restaurant, and resorts
- Gyms and fitness
- Corporate and AV

The Venu 218 V2 benefits from over twenty years research and design experience from the engineers at VOID Acoustics, bringing a dual 18" subwoofer into the Venu V2 family making the range more flexible than ever. The Venu 218 V2 is a low distortion, high excursion 18" reflex-loaded subwoofer, delivering the reliability and sound quality you would expect from all VOID loudspeakers. -3 dB point are 37 Hz to 180 Hz with 2400W of AES power handling, the Venu 218 V2 is set to meet the most demanding installation requirements.

Specifications

Frequency response	37 Hz - 180 Hz ± 3 dB
Efficiency ¹	100 dB 1W / 1M
Crossover points	80 Hz - 160 Hz active
Nominal impedance	4 Ω
Power handling ²	2400 W AES
Maximum output ³	132 dB cont. 138 dB peak
Driver configuration	2 x 18" LF
Connectors	1 x Phoenix with link out and 1 x speakON™
Weight	78.87kg
Enclosure	18 mm birch plywood
Finish	Textured Polyurethane
Grille	Perforated steel with foam filter

¹ Measured in half space ² AES2 - 1984 compliant ³ Calculated

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Architectural specifications

The loudspeaker shall be comprised of two 18" (457.2mm) direct radiating, reflex loaded, low frequency (LF) transducers in a birch plywood enclosure.

The enclosure shall be constructed from 18 mm multi-laminated birch plywood with handles on the side and the rear, a wraparound grille, and a rotating badge; it shall have a removable cover plate for fixing an optional M20 top hat and shall be finished in a textured polyurethane with external dimensions of (H) 557 mm x (W) 1100 mm x (D) 636 mm (21.9" x 43.3" x 25"). Weight is 78.87kg.

Performance specifications of a typical production unit shall be as follows: frequency response of 37 Hz – 180 Hz (± 3 dB from rated sensitivity); 2400 W long-term program per voice coil using EIA RS-426A pink noise (6 dB crest factor); pressure sensitivity of 100 dB at one Watt 100 Hz – 10 kHz at one metre; rated nominal impedance of 4 Ω .

The low frequency transducer shall be constructed on a resonant free and heavy-duty basket design with a 4" (101.6mm) voice coil, wound with copper wire on a high-quality former for high power handling and long-term reliability.

The wiring connection shall be as follows: a removable, lockable Phoenix connector with four screw-down terminals (one pair for input and one pair for link through to another loudspeaker) to provide secure wiring and allow for pre-wiring of the connector before the installation (this connector should then screw lock to the enclosure for secure attachment). In addition, a Neutrik speakON™ NL4 shall also feature.

The loudspeaker system shall be a Void Acoustics Venu 218 V2.

