

# Venu 218 V2

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## 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 $\pm$ 3 dB
Efficiency <sup>1</sup>	100 dB 1W / 1M
Crossover points	80 Hz - 160 Hz active
Nominal impedance	4 $\Omega$
Power handling <sup>2</sup>	2400 W AES
Maximum output <sup>3</sup>	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

<sup>1</sup> Measured in half space <sup>2</sup> AES2 - 1984 compliant <sup>3</sup> 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 ( $\pm 3$  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  $\Omega$ .

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.

