Venu 15 V2

Key features:

- Compact and unobtrusive appearance
- Rotatable 90° to 60°H x 60°V HF waveguide
- 15" low frequency driver
- 1" high frequency compression driver
- Textured polyurethane finish, optional custom colours
- Multiple internal M8 rigging points
- Perforated steel grille

Applications:

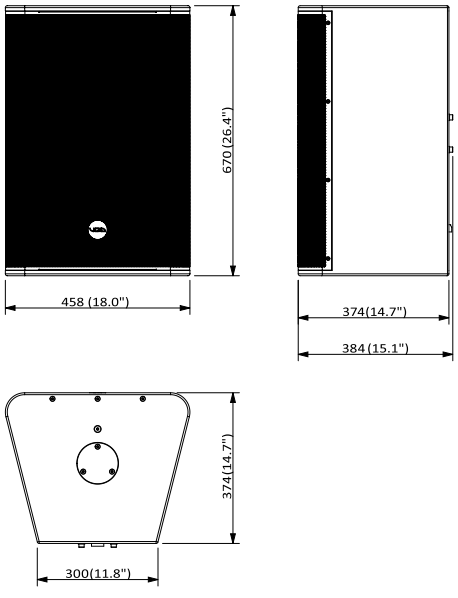
- Bar, club, lounge
- Hotel, restaurant

As the largest Venu loudspeaker, the Venu 15 V2 is the latest addition to this range. Benefitting from all the recent enhancements within the rest of the rest of the Venu V2 series, this 15" based speaker has an impressive frequency response of 50 Hz – 20 kHz ±3 dB and efficiency of 99 dB 1w/1m. Providing the sound as the main speaker system in a small to medium-sized venue is effortless for a Venu 15 V2.

Specifications

Frequency response	50 Hz - 20 kHz ±3 dB
Efficiency[1]	99 dB 1W/1m
Crossover points	2.1 kHz passive
Nominal impedance	8 Ω
Power handling[2]	450 W AES
Maximum output[3]	125 dB cont, 131 dB peak
Driver configuration	1 x 15" LF, 1 x 1" HF compression driver
Dispersion	90°-40°H x 60°V rotatable
Connectors	1 x Phoenix with link out and 1 x speakON™ with link out
Weight	31 kg (68.3 lbs)
Enclosure	15 mm birch plywood
Finish	Textured polyurethane
Grille	Perforated steel with foam filter
Rigging	Yoke bracket positions 4 x M8 fixing points for type 80 plate Optional top hat

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



Version 1.0

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Architectural specifications

The loudspeaker shall be a passive two-way system consisting of one high power 15" (381 mm), direct radiating, reflex loaded, low frequency (LF) transducer and 1" (25 mm) diameter composite plastic exit, high frequency (HF) compression driver mounted on a user rotatable asymmetrical horn in a trapezoidal enclosure fitted with a wraparound grille and rotatable badge.

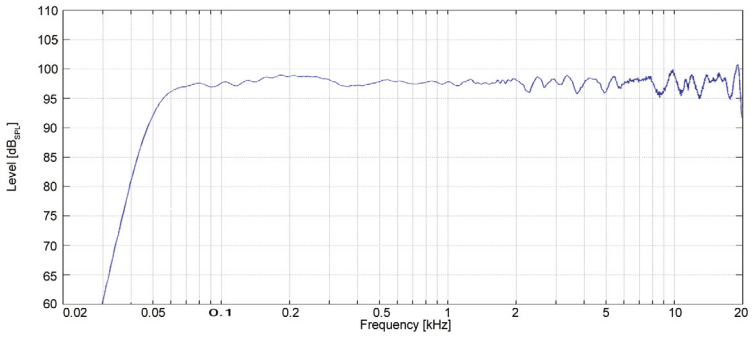
Power handling shall be 450 W AES at a nominal impedance of 8 Ω. Crossover point shall be at 2.1 kHz using a 3rd order filter (18 dB per octave). The wiring connection shall be as follows: a removable, lockable wiring connector with four screw-down terminals (one pair for input and one pair for link 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.

Performance specifications for a typical production unit shall be as follows: the usable on-axis bandwidth shall be 50 Hz to 20 kHz (±3 dB) and shall average 90° to 60° directivity pattern on the horizontal axis and 60° on the vertical one (-6 dB down from on-axis level) from 1 kHz to 12 kHz; and a maximum SPL of 131 dB peak measured at 1 m using IEC268-5 pink noise.

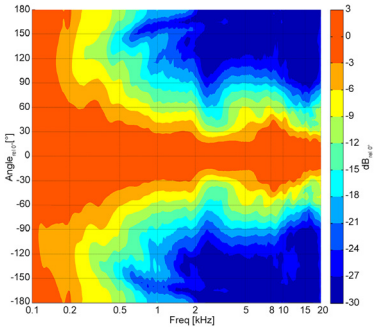
The high frequency transducer shall project it's sound through an asymmetrical horn with a 152 mm (6") baffle diameter to achieve pattern control and low distortion. The low frequency transducer shall be constructed on a cast aluminium frame, with a treated paper cone, 75.5 mm (3") voice coil, wound with copper wires on a high quality Kapton voice coil former, for high power handling and long-term reliability.

The enclosure shall be of a trapezoidal shape constructed from a 15 mm multi-laminate birch plywood, with a textured polyurethane finish and shall include integral threaded inserts for the fitment of wall and ceiling mounting hardware as well as removable cover plate for fixing an optional M20 top-hat. External dimensions of (W) 458 mm x (H) 670 mm x (D) 381 mm (18" x 26.4" x 15"). Weight shall be 31 kg (68.3 lbs).

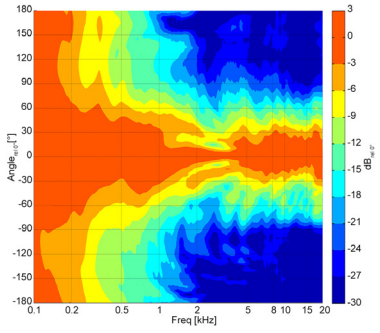
The loudspeaker shall be the Void Acoustics Venu 15 V2.



Frequency response (anechoic measurement)



Horizontal directivity isobars



Vertical directivity isobars