

# Venu 14 V2

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## Key features:

- Compact and lightweight design
- Premium coaxial driver with neodymium magnet and FEM enhanced motor design
- Controlled dispersion with optimised waveguide
- 400 W AES power handling with a peak output of 130 dB
- SpeakON™ and Phoenix connector with link through for quick and reliable hook ups
- M8 yoke bracket and type 80 mounting points for versatile mounting
- Optional 35 mm top hat fixture
- Sturdy enclosure made entirely from 15 mm multi-laminate birch plywood



## Applications:

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

The Venu 14 V2 benefits from over twenty years research and design experience from the engineers at VOID Acoustics, bringing a 13.5" coaxial loudspeaker to the Venu V2 family making the range more flexible than ever. The Venu 14 V2 is a compact and lightweight loudspeaker featuring a premium quality coaxial driver with FEM enhanced, neodymium motor design and controlled dispersion of (H) 70° x (V) 40°. Delivering the reliability and sound quality you would expect from all VOID loudspeakers. -3 dB point are 65 Hz to 18 kHz with 400 W of AES power handling.

## Specifications

|                             |   |
|-----------------------------|---|
| Frequency response          | 65 Hz - 18 kHz $\pm$ 3 dB   |
| Efficiency <sup>1</sup>     | 99 dB 1W / 1M   |
| Nominal impedance           | 8 $\Omega$  |
| Power handling <sup>2</sup> | 400 W AES   |
| Maximum output <sup>3</sup> | 124 dB cont, 130 dB peak  |
| Driver configuration        | 1 x 13.5", 1 x 1.4" Coaxial                                       |
| Dispersion                  | 70° H x 40° V nominal coverage                                    |
| Connectors                  | 1 x Phoenix with link out and 1 x speakON™                        |
| Weight                      | 16.5 kg (36.37 lbs)   |
| Enclosure                   | 15 mm birch plywood   |
| Finish                      | Textured polyurethane   |
| Grille                      | Perforated steel with foam filter                                 |
| Rigging                     | 4 x M8 fixing points for type 80 plate.<br>Yoke bracket positions |

<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 a passive two-way system consisting of one 13.5" (340 mm) direct radiating, reflex loaded, low frequency (LF) transducer and one 1.4" (36 mm) co-axially mounted high frequency (HF) compression transducer mounted on an asymmetrical waveguide in a trapezoidal enclosure fitted with a wraparound grille and rotatable badge.

Power handling shall be 400 W AES at a nominal impedance of 8  $\Omega$ . 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.

Performance specifications for a typical production unit shall be as follows: the usable on-axis bandwidth shall be 65 Hz – 18 kHz ( $\pm 3$ ) and shall average 70° x 40° directivity pattern (-6 dB down from on-axis level) from 1 kHz to 10 kHz; and a maximum SPL of 130 dB peak measured at 1 m using IEC268-5 pink noise.

The high frequency transducer shall project it's sound through an asymmetrical waveguide to achieve pattern control and low distortion. The low frequency transducer shall be constructed on a resonant free and aluminium basket design with a 3" (76.2 mm) voice coil, wound with copper wire on a high-quality former for high power handling and long-term reliability.

The enclosure shall be of a trapezoidal shape constructed from 15 mm multi-laminated birch plywood, with a textured polyurethane finish, shall include M8 yoke mounting points and integral thread inserts for the fitment of wall and ceiling mounting hardware as well as removable cover plate for fixing an optional top hat. External dimensions of (W) 415 mm x (H) 418.5 mm x (D) 368.5 mm (16.34" x 16.48" x 14.51") and weigh 16.5 kg (36.37 lbs)

The loudspeaker system shall be a Void Acoustics Venu 14 V2.

