

# Venu 112 V2

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## Key features:

- Reflex-loaded 12" low frequency loudspeaker
- Tough high excursion transducers with 4" voice coils
- Dual speakON™ and Phoenix connectors with link throughs for quick and reliable hook ups
- Recessed rear connector panel that allows the enclosure to be placed against a rear wall
- Yoke bracket positions for wall or ceiling mounting
- M20 top hat fixture included to allow for use in touring applications
- Sturdy enclosure made entirely from multi-laminate birch plywood

## Applications:

- Bar, club, lounge
- Hotel, restaurant



The Venu 112 V2 is a single 12" compact low frequency enclosure, providing a frequency response of 40Hz – 160kHz  $\pm 3$  dB and efficiency of 99dB1w/1m. Features include a tough 12" high excursion transducer with a 4" voice coil and a strong enclosure made entirely from 15 mm multi-laminate birch plywood.

## Specifications

Frequency response	40 Hz - 160 Hz $\pm 3$ dB
Efficiency <sup>1</sup>	99 dB 1W/1m
Crossover points	80 Hz - 160 Hz active
Nominal impedance	8 $\Omega$
Power handling <sup>2</sup>	600 W AES
Maximum output <sup>3</sup>	123 dB cont, 129 dB peak
Driver configuration	1 x 12" LF
Connectors	1 x Phoenix with link out and 1 x speakON™ with link out
Weight	27 kg (59.5 lbs)
Enclosure	15 mm birch plywood
Mounting	Optional top hat Yoke bracket positions Type 75 plate
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 one high power 12" (304.8 mm) direct radiating, reflex loaded low frequency (LF) transducer. The enclosure shall be rectangular constructed from 15 mm multi-laminated birch plywood with a single handle in the rear with a wraparound grille and a rotating badge; it shall have a removable cover plate for fixing an optional M20 top hat and integral threaded inserts for the fitment of wall and ceiling mounting hardware; it shall be finished in a textured polyurethane with external dimensions of (H) 378 mm x (W) 490 mm x (D) 430 mm (14.9" x 19.3" x 16.9") and weigh 27 kg (59.5 lbs).

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 of a typical production unit shall be as follows: frequency response of 40 Hz – 160 Hz ( $\pm 3$  dB from rated sensitivity); 600 W long-term program per voice coil using EIA RS-426A pink noise (6 dB crest factor); pressure sensitivity of 96 dB at one Watt 100 Hz – 10 kHz at one metre; rated nominal impedance of 8  $\Omega$ .

The low frequency transducer shall be constructed on a cast aluminium frame with a treated paper cone, 101.6 mm (4") voice, wound with copper wire on a high-quality voice coil former for high power handling and long-term reliability.

The loudspeaker system shall be a Void Acoustics Venu 112 V2.

