

Venu X

Key features:

- Compact and unobtrusive appearance
- 2 x 12" low frequency drivers
- Recessed connector panel
- Textured polyurethane finish, optional custom colours
- Perforated steel grille

Applications:

- Bar, club, lounge
- Hotel, restaurant



The Venu X is a double 12" compact subwoofer that has been designed to offer everything you could ask for from an installed sub frequency loudspeaker. The entire Venu series has been created from the demands of many leading installation contractors and engineers around the world.

Convenient to install and use, the Venu X features: two super tough 12" transducers with high excursion 4" voice coils; Phoenix connectors with link outs for quick and reliable hook ups; a recessed rear connector panel that allows the enclosure to be placed against a rear wall; weather-resistant grille and fittings suitable for beach bars and other corrosive environments; and an enclosure made entirely from 15 mm multi-laminate birch plywood.

Specifications

Frequency response	34 Hz - 160 Hz ± 3 dB
Efficiency ¹	99 dB 1W/1m
Crossover points	80 Hz - 160 Hz active
Nominal impedance	4 Ω
Power handling ²	1200 W AES
Maximum output ³	128 dB cont, 134 dB peak
Driver configuration	2 x 12" LF
Dispersion	60°H x 50°V
Connectors	1 x Phoenix with link out
Weight	44.5 kg (98.1 lbs)
Enclosure	15 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 a compact sub bass system consisting of two high power 12" (304.8 mm) direct radiating reflex loaded low frequency (LF) transducers mounted in a rectangular enclosure.

The low frequency transducers shall be constructed on a cast aluminium frame, with a treated paper cone, dual 50.8 mm (2") voice coil, wound with copper wires on a high-quality voice coil former for high power handling and long-term reliability.

Performance specifications for a typical production unit shall be as follows: the usable bandwidth shall be 34 Hz to 160 Hz (± 3 dB) and have a maximum on axis SPL of 134 dB peak (128 dB continuous) measured at 1 m using IEC265-5 pink noise. Power handling shall be 1200 W AES at a rated impedance of 4 Ω and a pressure sensitivity of 99 dB measured at 1W/1m. The system shall be powered by its own dedicated power amplification module with DSP management, with

the wiring connection via a single removable, lockable wiring connector with four screw-down terminals (one pair for input and one pair for loop-out 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 to ensure secure attachment.

The enclosure shall be constructed from a 15 mm multi-laminate birch plywood, finished in a textured polyurethane and shall contain fixture points for a pressed weather-resistant, powder coated steel grille to protect the low frequency transducer. The cabinet shall have a recessed rear connector panel to allow placing it against the wall. External dimensions of (H) 370 mm x (W) 780 mm x (D) 490 mm (14.6" x 30.7" x 19.3"). Weight shall be 44.5 kg (98.1 lbs).

The loudspeaker system shall be a Void Acoustics Venu X.

