

# Venu 115

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## Key features:

- Compact and unobtrusive appearance
- 15" low frequency driver
- 18 mm birch plywood construction
- Textured polyurethane finish, optional custom colours
- Perforated steel grille

## Applications:

- Bar, club, lounge
- Hotel, restaurant



The Venu 115 is a single 15" reflex-loaded subwoofer that has been designed to offer everything you could ask for from an installed subwoofer. The entire Venu series has been created from the demands of many leading installation contractors and engineers around the world.

Convenient to install and easy to use, features include: tough 15" transducer with a high excursion 4" coil; 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 18 mm multi-laminate birch plywood.

## Specifications

|                             |                                   |
|-----------------------------|-----------------------------------|
| Frequency response          | 38 Hz - 160 Hz $\pm$ 3 dB         |
| Efficiency <sup>1</sup>     | 96 dB 1W/1m                       |
| Crossover points            | 80 Hz - 160 Hz active             |
| Nominal impedance           | 8 $\Omega$                        |
| Power handling <sup>2</sup> | 500 W AES                         |
| Maximum output <sup>3</sup> | 123 dB cont, 129 dB peak          |
| Driver configuration        | 1 x 15" LF                        |
| Connectors                  | 1 x Phoenix with link out         |
| Weight                      | 35 kg (77.2 lbs)                  |
| 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 a compact sub bass system consisting of one high power 15" (381 mm), direct radiating, reflex loaded low frequency (LF) transducer in a rectangular enclosure.

The low frequency transducer shall be constructed on a cast aluminium frame, with a treated paper cone, high excursion 101.6 mm (4") voice coil, wound with copper wire 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 38 Hz to 160 Hz (+3 dB) and shall have a maximum on axis SPL of 129 dB peak (123 dB continuous) measured at 1m using IEC268-5 pink noise. Power handling shall be 500 W AES at a rated impedance of 8  $\Omega$ . Pressure sensitivity shall be 96 dB measured at 1W/1m. The system shall be powered

by its own dedicated power amplification module with DSP management. The wiring connection shall be 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 18 mm multi-laminate birch plywood finished in textured polyurethane and shall contain fixture points for a pressed weather-resistant, powder coated steel grille to protect the low frequency transducers with the external dimensions of (H) 446 mm x (W) 448 mm x (D) 636 mm (17.6" x 17.6" x 25"). Weight shall be 35 kg (77.2 lbs).

The loudspeaker system shall be a Void Acoustics Venu 115.

