

Venu Sub

Key features:

- Integral high pass crossover network
- Two inputs and two outputs
- Dual voice coil, high excursion 12" low frequency driver
- Compact dimensions fits under seating
- Textured polyurethane finish

Applications:

- Bar, club, lounge
- Hotel, restaurant
- Theatre
- Corporate and AV



The Venu Sub is a highly compact, versatile bandpass sub bass enclosure, using a high excursion, dual voice coil, 12" low frequency driver to deliver outstanding bass reproduction at levels unheard of for a cabinet of this size.

The compact design allows it to be positioned under seating, while the recessed Neutrik speakON™ NL4 connectors enable close rear wall placement. Primarily developed for use with the Mycro 6, the Venu Sub is also an ideal match for Indigo 6 and other Void satellite cabinets as a comprehensive passive crossover network is incorporated, allowing either passive or active modes of operation.

In passive mode, the Venu Sub offers outputs for up to four Venu satellite speakers, powered by a suitable two channel amplifier, while in active mode, external electronic crossovers and power amplifiers create a high power yet discreet full range sound system.

Specifications

Frequency response	41 Hz - 150 Hz ± 3 dB
Efficiency ¹	96 dB 1W/1m
Nominal impedance	8 Ω
Power handling ²	2 x 200 W AES
Maximum output ³	119 dB cont, 125 dB peak
Driver configuration	1 x 12" dual coil LF
Dispersion	Omnidirectional
Connectors	5 x 4-pole speakON™ NL4
Weight	25.4 kg (56 lbs)
Enclosure	18 mm MDF
Finish	Textured polyurethane

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

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Architectural specifications

The loudspeaker shall be a switchable active/passive compact sub bass system consisting of one high power 12" (304.8 mm) bandpass loaded low frequency (LF) transducer mounted in a rectangular enclosure.

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

Performance specifications for a typical production unit shall be as follows: the usable bandwidth shall be 41 Hz to 150 Hz (± 3 dB) and with a maximum on axis SPL of 119 dB continuous (125 dB peak) measured at 1 m using IEC268-5 pink noise. Power handling shall be 2 x 200 W AES at a rated impedance of 8 Ω . Pressure sensitivity shall be 99 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 of a vented type constructed from a 15 mm multi-laminate birch plywood finished in a textured polyurethane. The cabinet shall have a recessed rear connector panel to allow placing it against the wall. External dimensions of (H) 356 mm x (W) 634 mm x (D) 360 mm (14" x 25" x 14.2"). Weight shall be 25.4 kg (56 lbs).

The loudspeaker system shall be a Void Acoustics Venu Sub.

