

# Incubus Sub

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## Key features:

- Distinctive aluminium cabinet bracing
- 3 x high power 21" low frequency drivers
- Extended low frequency response to 30 Hz
- 18 mm birch plywood construction
- Black textured TourCoat polyurea finish

## Applications:

- High impact nightclub
- Indoor and outdoor dance events
- Bar, club, lounge
- Live music venues



The Incubus Sub's structurally challenging design comprises three massive 21" transducers in a hybrid horn bandpass enclosure, ideal for all types of dance music. A combined power handling of 6,000 Watts AES and very high sensitivity result in foundation-cracking sub frequencies all the way down to 29 Hz. Designed to work in conjunction with the Hyperfold upper bass enclosure, the Incubus Sub is tuned with all forms of dance music in mind.

Lightning-quick impulse response with low group delay and an in-your-face style combine to make it an unforgettable experience.

## Specifications

Frequency Response	29 Hz - 95 Hz $\pm$ 3 dB
Efficiency <sup>1</sup>	105 dB 1W/1m
Crossover Points	Preset via dedicated processor
Nominal Impedance	3 x 8 $\Omega$
Power Handling <sup>2</sup>	6000 W AES
Maximum Output <sup>3</sup>	140 dB cont, 146 dB peak
Driver Configuration	3 x 21" LF with 6" voice coils
Dispersion	Array dependent
Connectors	2 x 8-pole speakON™ NL8
Weight	214 kg (471.8 lbs)
Enclosure	18 mm birch plywood
Finish	Textured polyurea

<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 an active bandpass-horn hybrid system consisting of three high power 21" (533.4 mm), long excursion, low frequency (LF) transducers mounted in a rectangular enclosure.

Each low frequency transducer shall be constructed on a cast aluminium frame, with a treated paper cone, 152.4 mm (6") 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 of 29 Hz to 95 Hz ( $\pm 3$  dB), with a maximum SPL of 146 dB peak (140 dB continuous) measured at 1 m using IEC268-5 pink noise. Power handling shall be 6000 W AES at a rated impedance of  $3 \times 8 \Omega$  and a

pressure sensitivity of 105 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 two Neutrik speakON™ NL8 (one for input and one for loop-out to another speaker), to allow for pre-wiring of the connector before installation.

The enclosure shall be constructed from a 18 mm multi-laminate birch plywood finished in a textured 'TourCoat' polyurea. It shall have lightweight aluminium bracing and external dimensions of (H) 704 mm x (W) 1479 mm x (D) 1218 mm (27.7" x 58.2" x 48"). Weight shall be 214 kg (471.8 lbs).

The loudspeaker shall be the Void Acoustics Incubus Sub.

