

# Incubus Sub

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## Key features:

- Triple 21" hybrid horn-loaded bandpass subwoofer
- Very high power density
- 3 x high excursion 21" low frequency drivers
- Extended sub frequency response to 30 Hz
- Distinctive aluminium cabinet bracing
- 18 mm birch plywood construction
- Black textured 'TourCoat' polyurea finish

## Applications:

- High impact nightclub
- Bar, club, lounge
- Live music venues



Featuring three massive 21" transducers in a hybrid horn bandpass enclosure, the Incubus Sub is 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 with the Hyperfold upper bass enclosure, its lightning-quick impulse response with low group delay and in-your-face style combine for an unforgettable dance 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 'TourCoat' 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.

