

ARTELUTHE
STILETTO

Specifications sheet



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STILETTO
Technical Highlights

Stiletto is built around a high quality full range driver mounted in a sealed, folded enclosure. This exquisitely musical driver is connected directly to the amplifier's output terminal, with no crossover, for absolute phase integrity and utmost transparency from 50 Hz to over 4 000 Hz.



High quality cast frame with ultra large mounting contact area provides the best possible stability for the wavelength launch. The spokes are acoustically transparent.



Ventilated, open design voice coil is connected to the amplifier terminal and becomes part of the circuit with no components such as inductors and capacitor.

High frequencies are reproduced by a 1,2 in. silk dome tweeter from 4 000 Hz to 23 000 Hz.



Ultra low mass silk membrane, the high frequency transducer is mounted on a thick, machined alloy front plate.



A large decompression chamber terminates the transducer and absorbs and dissipates unwanted back radiating energy.

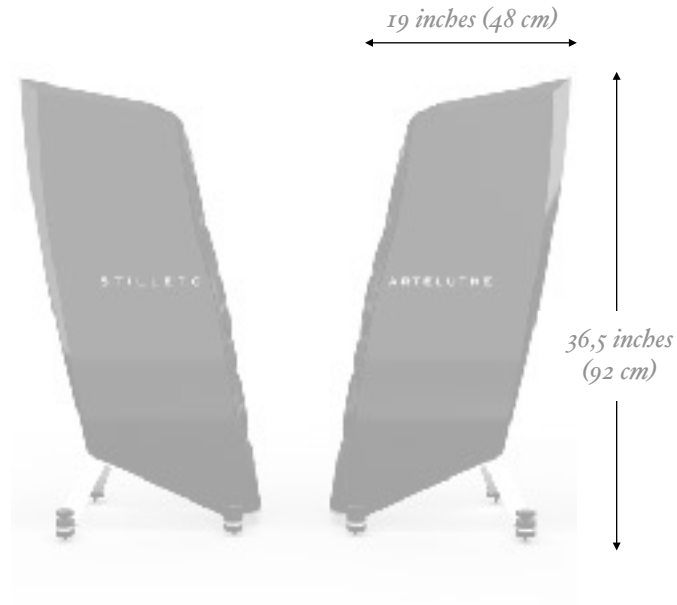
Low frequencies are handled by twin woofers in a quasi anechoic tapered and folded sealed line which entirely dissipate back energy while exerting none of the «spring» effect common to normal enclosures, which results in a highly damped system capable of extreme low frequency reach and definition.



Twin high power low frequency transducers, cast frame, ventilated coils and ventilated magnetic systems.



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Technical Specifications

Model nomination	Stiletto
Features	Folded and sealed transmission line, quasi anechoic design Full range, coated membrane main mid-woofer transducer
Description	3 way, perfect transients sealed system
Drive units	1,2 in silk dome High frequency transducer with decompression chamber 5,5 in hand coated paper cone, cast basket, vented pole piece Twin 6,5 in coated paper membranes, ventilated cast baskets
Frequency range	- 6 dB @ 25 Hz and 25 kHz
Crossover frequencies	40Hz Low pass, First order network 4 000 Hz High pass, First Order network
Power requirements	Minimum 50 watts into 8 Ω , unclipped Recommended 100 to 200 watts into 8 Ω , unclipped
Impedance	6 Ω nominal 4 Ω minimal
Net weight	78 lbs including base
Gross weight	135 lbs, wood crate

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We design, manufacture and assemble by hand, exquisite instruments, built to perfection in our Montréal Canada workshop since 2012.

