

neatⁿ acoustics

ELITE SX Loudspeaker

The ELITE SX delivers genuine audio performance from a discreet and attractive enclosure by means of unorthodox thinking and the ingenious implementation of some unusual ideas.

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Unlike most bass reflex designs, the **ELITE SX** incorporates an innovative staggered port tuning design. This carefully judged system delivers a very convincing full-bodied bass performance, far more impressive than might be expected for such a small enclosure. The cabinet is raised above a plinth of solid slate, chosen for its superior bass control and midrange precision.

The main drive unit is the latest version of that used in the upmarket **Ultimatum** range; a 6.5" doped paper cone with a ferrite magnet assembly and a fixed aluminium phase plug to enable smooth integration with the tweeter. The tweeter used in the SX is a soft-fabric dome type with internal damping and a non-resonant chamber. The choice of tweeter is critical, because the tweeter lends the whole speaker its essential character and integrity. In this context, the tweeter's strengths of superb dynamic contrast and accurate tonal colour are well matched to those of the main drive unit.

As with all Neat loudspeakers, the crossover is the result of painstaking development. We prefer to judge all aspects of tuning & voicing by ear, rather than referring to measurements. The crossover in the Elite SX is a simple, hard-wired 3-element type. Low-loss air core inductors are employed, as well as high-grade polypropylene capacitors. All crossover components are specified within very tight tolerances in order to ensure excellent pair matching.

Enclosure type: Two-way bass reflex, staggered tuning

Recommended amplifier power: 25 – 200 watts

Impedance: 8 Ohms nominal

Sensitivity: 88 dB/1 Watt

Size (hxwxd): 90x20x18cm

Plinth footprint (wxd): 26x22cm

Standard finishes: figured birch, black ash, natural ash, oak, cherry, walnut, rosenut.
Premium high-gloss finishes: piano black, piano white, velvet cloud, red velvet cloud.

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PETITE SX Loudspeaker

The **PETITE SX** is the latest development of a classic loudspeaker which began life in 1989. A small two-way bass reflex design, it is capable of exceptional bass drive, and a remarkable presentation of all types of music



The main drive unit is the latest version of that used in the upmarket **Ultimatum** range; a 6.5" doped paper cone with a ferrite magnet assembly and vented voice coil to enable high power handling without compression.

The tweeter used in the SX is a soft fabric dome type with internal damping and a non resonant chamber. The choice of tweeter is critical, because the tweeter lends the whole speaker its essential character and integrity. In this context, the tweeter's strengths of superb dynamic contrast and accurate tonal colour are well matched to those of the main drive unit.

As with all Neat loudspeakers, the crossover is the result of painstaking development. We prefer to judge all aspects of tuning & voicing by ear, rather than referring to measurements. The crossover in the Elite SX is a minimalist, hard-wired 3-element type. Low-loss air core inductors are employed, as well as high-grade polypropylene capacitors.

All crossover components are specified within very tight tolerances in order to ensure excellent pair matching.

Enclosure type: Two-way bass reflex, staggered .

Recommended amplifier power: 25 – 200 watts

Impedance: 8 Ohms nominal

Sensitivity: 88 dB/1 Watt

Size (hxwxd): 90x20x18cm

Plinth footprint (wxd): 26x22cm

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Standard finishes: figured birch, black ash, natural ash, oak, cherry, walnut, rosenut.
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