



Callas Sp

Callas Series

With the new loudspeakers of the Callas Series, Opera's intention is to recreate within the home environment the emotion and pleasure of listening to music; to provide a stable and focused musical soundstage in three dimensions with correct timbre, dynamics and detail; and to do this with no sense of listening fatigue.

To achieve this goal, every single technical aspect of the design was subjected to intense musical listening tests at Opera.

The new loudspeakers of the Callas Series use techniques and components which reflect the state-of-the-art in electroacoustic design, including controlled-diffraction cabinets, drive units and crossovers. Every type of distortion has been analysed, quantified and reduced. The sonic result is tonally correct, convincing, involving and most of all, enjoyable to listen to.

The Callas Series loudspeakers are elegant and beautifully finished, and will discreetly enhance any room.

The project

The aim of the Callas series is to recreate a precise soundstage which is stable and correct in its proportions and in the dimensions and weight of each instrument or voice. The choice of multiple small diameter drive units offers a number of advantages of a mechanical, electrical and thermic nature, and if employed correctly can greatly improve the acoustic quality of the loudspeaker.

Controlled-dispersion Cabinets

A note about the suspended column cabinet. The structure is made in a mix of medite and plywood, with teardrop-section curved sides, veneered and finely lacquered in the best Italian tradition. The front baffle is finished in leather. This, along with the benefit to appearance also serves to reduce diffraction.

The cabinet is divided into two independent chambers. The two woofers are reflex loaded with a double chamber tuned system. The duct radiating the lower frequency faces the floor to increase the air loading producing great depth of bass.

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Callas SP Specifications

Type: Slimline floorstander

Drive units: 2 x 4.5" bass drivers (poly propylene bass drivers)

1 x 1" forward radiating treble unit (fabric tweeter, decompression chambre

1 x 1" rear-radiating treble unit (fabric tweeter, neodymium magnet)

Number of ways: 2-way + 1 rear tweeter

Frequency response: 40 – 20,000 Hz

Crossover: 2000 Hz approx

Power handling: 120 watt RMS

Sensitivity: 88 dB/1 watt/1 metre

Nominal Impedance: 4 ohm (min. 3.5 ohm)

Room positioning: at least 20 cm (8") from rear room boundary
at least 30 cm (12") from side room boundary

Dimensions: 1000 x 146 x 260 mm (h x w x d)

39.4" x 5.75" x 10.25" inch (h x w x d)

Weight: 17,50 Kg (38,33 lbs) each – net weight

21 Kg (46 lbs) each – shipping weight





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