

Linea Classica



Prima

The Prima is an attractive two-way, bass reflex, medium-sized standmount model. It has an open and detailed sound with very good scale and bass weight for its dimensions and is front-ported, so close proximity placement to rear walls is possible for optimum room compatibility.

System

Opera Prima ("First" in Italian) is the smallest model in the Linea Classica series: it is a 2-way bass-reflex loudspeaker of about 13 internal litres, designed to be placed either on a shelf or stand, and characterised by good extension of the frequency response towards lower frequencies. The loudspeaker is equipped with four bi-wire ready gold-plated connectors of large diameter.

The Cabinet

The Opera Seconda cabinet is designed with rounded edges, using quality MDF, and finished with finely polished real wood veneers. The front, top and rear panels are covered with manufactured leather, which beyond aesthetic qualities, also work as damping for the loudspeakers. The front panel, following Opera's tradition, is thick enough to properly control the drivers.

In this model, seeing as the loudspeaker was designed to be placed on a stand or shelf, the reflex port is located on the front panel.

The cabinet interior is filled with quality acrylic wadding in order to control the extended frequency response, while lowering internal reflections.

The Components

All Linea Classica models use the same drive units; the one inch tweeter (the same used in the Callas SP) is a silk dome unit, with ferrofluid in the air gap and a wide rear decompression chamber. The qualities of this SEAS tweeter are well known and appreciated. The woofer, also made by SEAS, was developed specially for this line of loudspeakers. It is a 6.5 inch unit with 18cm chassis, 38mm voice coil, aluminium diaphragm and rubber outer suspension. It has a dynamic mass appreciably higher than the norm, and an impedance of 4 ohm. Two copper rings are fitted above and below the T-shaped pole piece, which both reduce distortion and stabilize the magnetic flux. Finally, the bullet-shaped phase plug in ABS helps to dissipate heat and overcomes compression effects associated with normal dust-caps. It also improves emission at the high-frequency end of the unit's range. The cast chassis, of aerodynamic design, is fully open even beneath the inner suspension.

The Crossover

In designing this new "Classic Series", particular attention has been paid to the electrical impedance. In particular, we wanted to guarantee a load condition compatible with any type of amplifier.

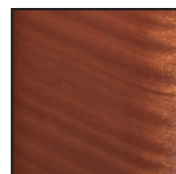
In order to do so, the impedance minimums have been kept within the limits allowed by the DIN regulation that provides that, for a nominal 4 ohm loudspeaker, the impedance does not fall below 3.2 ohm.

The electrical impedance modulus of Opera Prima is always over 3.8 ohm, and the progression is regular with contained phase rotations.

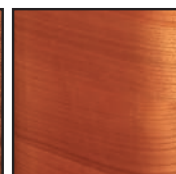
Room Positioning

The Opera Prima has been designed to be placed either on a solid shelf or a quality stand (the latter available from Opera). In any case, we advise against placing the loudspeakers in a corner, and one needs to keep a minimum distance of at least 30 cm (12") from the side walls. If the loudspeakers are put on stands, the best position within your surroundings will be found with a little experimenting.

Available in the following finishes:



Mahogany



Cherry



Piano Black



www.operaloudspeakers.com



Prima

System:

Bookshelf or standmount, reflex loaded with front port

Drive units:

1 x 6.5 inch bass drivers – aluminium cone

1 x 1 inch tweeter - fabric dome

Number of ways:

2 way

Frequency response:

40-20000 Hz

Cross-over: low pass:

12 dB/octave for the low pass

24 dB/octave for the high pass

Crossover frequency 2300 Hz approx

Power handling:

70 watt RMS

Recommended amplifier:

10 to 70 Watt RMS or more (without clipping)

Sensitivity:

89 dB/1watt/1 meter

Nominal Impedance:

4 ohm (Z min > 3.9 ohm)

Room positioning:

At least 20-30 cm from side room boundary

Size:

36,5 x 24 x 31,5 cm (h x w x d)

14,4 x 9,5 x 12,4 inch (h x w x d)

Weight:

10,5 Kg (23 lbs)

