

No.5.1

Fascination plasmatweeter



LANSCHÉ AUDIO

### No.5.1

Our No. 5.1 loudspeaker is designed to transport you into the center of a live music experience. The concept behind this speaker is to produce music without any restrictions in terms of dynamic range, frequency spectrum, or reproducibility. Aided by the natural radiance of superbly crafted woods, this loudspeaker model enriches your living space and delivers outstanding sonic results for any type of music reproduction. The music sounds as direct and natural as when it was performed on the stage or in the studio.

### DESIGN

In the No.5.1 loudspeaker, the midrange frequencies are reproduced using a 4 inch midrange driver with a polypropylene cone and a solid die-cast basket. The low mass of this driver, coupled with an under-hung voice-coil configuration and a symmetrical drive gives a very detailed resolution in sound quality 'depth'. The short voice coil and long gap offers excellent linearity and speed, without any dynamic compression, which makes for a perfect match to the plasma tweeter. The bass is handled by two 8 inch long-throw drivers of low moving mass. These can achieve a membrane displacement of +/- 0.5 inch. Despite its unobtrusive dimensions, the No. 5.1 can produce a solid bottom end – well beyond the usual at home volume levels. The meticulously crafted enclosure with sandwiched composite cabinet walls is the basis for the loudspeaker's outstanding audio performance. Thanks to the extensive internal cabinet cross-bracing matrix and the application of custom made internal damping materials, cabinet wall resonances have been reduced to vanishingly low levels – there is no opportunity for the cabinet to develop any resonant response of its own.

Four high-quality terminals are provided for bi-wiring or bi-amping. These are easily accessible and have plenty of clearance. The tweeter level is user adjustable in four 1dB steps via jumpers on the rear panel and the bass level can be attenuated to compensate for room or placement deficiencies. With an efficiency rating of 91 dB, even amplifiers with a modest power output are suitable.



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## PASSIVE SERIES

### TECHNICAL SPECIFICATIONS

Description:	3-way passive loudspeaker vented-box system
Tweeter chassis:	1 x 8mm (0.3") Corona Plasma
Midrange chassis:	1 x 15,5 cm (4")
Bass chassis:	2 x 22cm (8.7") composite glass fibre/ polyester fabric cone, coated
Crossover frequencies:	200Hz / 2.5kHz
Impedance:	4Ω nominal, 3.2Ω minimum
Sensitivity:	91dB/1W/1m
Maximum level:	112dB/1m
Frequency response:	32Hz - 150kHz ± 3dB
Input terminals:	2 sets: 1 x bass, 1 x mid+high, connection for bi-wiring or bi-amping
Internal wiring:	Silver plated OFC
Dimensions (H x W x D):	101.9 x 25.8 x 49 cms (40.9 x 10.1 x 19.3 inches)
Weight:	80kg (176lbs)