Burmester

BA31 Loudspeaker

The Burmester BA 31 Ambience Loudspeakers have been derived from their larger BA 71 siblings which have already given proof of their formidable musicality, ultimate precision and virtually unlimited power reserves. The rather compact-sized model in the Burmester Ambience speaker series benefits from the development of the large model and its technological innovations.

The BA 31 Ambience Loudspeaker is designed as a 2 ½-way system. The low-mid driver supports the woofer in an ideal way, thereby producing a solid bass. The midrange driver contributes to an outstanding speech intelligibility and the fine resolution of details in the presence range.

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Highlights BA31

The employed AMT tweeter has been specially designed for its application and, owing to its ultralight diaphragm and the super strong neodymium drive, sets a new benchmark for high-frequency resolution, neutrality, power handling and dynamics.

For the lovers of omnidirectional loudspeakers we have fitted the rear side of the cabinet with a second identical AMT to optimise the omnidirectional behaviour and incorporate the listening room to a greater extent into the sonic experience. It gives the imaginary stage a greater expanse and depth as can only be achieved otherwise with omnidirectional or dipole loudspeakers, but which is also variable at the same time only in the Burmester Ambience loudspea-

ker models. The Ambience tweeter is continuously adjustable to your personal requirements or taste and to the acoustical situation in the listening room, yet it can also be turned off completely.

The cabinet front is made of solid, acoustically decoupled aluminum in a silver, medium bronze or black hue. The body with its elaborately braced interior construction comes with a high-gloss lacquer finish as standard and is optionally available in macassar, light or dark walnut real wood veneer, alternatively also in white or black high-gloss lacquer. The front panels and enclosure finishes of different colours may even be combined individually with each other. Other versions are available on request.

BA31
LOUDSPEAKER

FEATURES

— Bassreflex design for a powerful, clean low bass range

— Air Motion Transformer (AMT) with ultra-light diaphragm, super strong neodymium drive, utmost dedication to detail, sonic neut-rality and level stability

— Identical ambience tweeter on the rear of the enclosure with level control for individually adjusting the spaciousness of the sound image

— High-quality connection terminal, suitable for massive cable lugs as well as e.g. low-mass hollow banana plugs

— Optional bi-wiring and bi-am-ping operation to use e.g. different power amps for the low and the high/mid range

— The enclosures with acoustically decoupled aluminum front panels and braced MDF walls add to the low-resonance reproduction of the fundamental range

— The veneer and lacquer finishes in five different versions may be combined with aluminum front panels in three different colours

TECHNICAL SPECIFICATIONS

Design	3-way bass reflex
Weight (per speaker)	60 kg (132.3 lbs)
Width	303 mm (12'')
Height	1,232 mm (48.5'')
Depth	500 mm (19.7'')
Power rating	300 W
Sensitivity at 2.83V/1m	89 dB
Impedance	4 Ω
Frequency response +/-3dB	35-40,000 Hz
Tweeter	2 x Air Motion Transformer
Midvrange driver	2 x 170 mm (2 x 6.7'') fibreglass paper cone
Woofer	4 x 170 mm (2 x 6.7'') fibreglass paper cone
Crossover frequencies	180 / 2,600 Hz

Technical modifications reserved.

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Burmester Audiosysteme GmbH

Burmester Audiosysteme GmbH is one of the world's most renowned manufacturers in the field of high-end audio systems. The owner-managed company based in Berlin was founded in 1977 by Dieter Burmester. With a clear focus on home and automotive audio, Burmester maintains global collaborations with industry leaders in other industries (including: Mercedes-Benz, Porsche and the Königliche Porzellan Manufaktur Berlin, among others) and is a member of Meisterkreis Deutschland and the Initiative for German Manufactures.