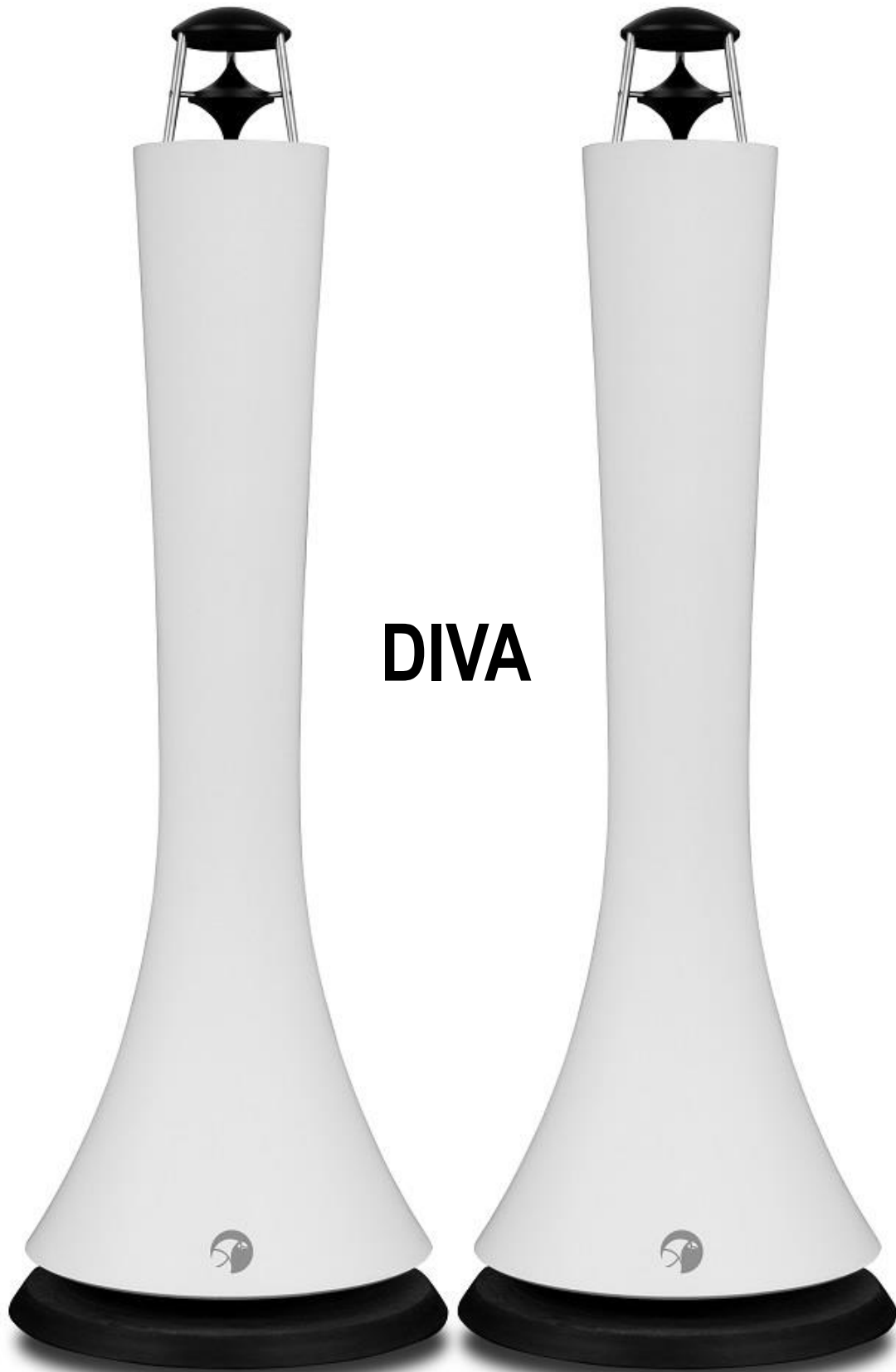


BURMEISTER AUDIOSYSTEM



DIVA

HI-MACS® is also an acoustic highlight: Introducing the Burmeister Audio Systems Diva from HI-MACS® Natural Acrylic Stone

HI-MACS® solid surface is not just for looking and feeling – it is also for listening – to music in extraordinary quality. The new Burmeister Diva sound system is made of this modern solid surface material. The organically rounded, almost 1.5 m tall speaker sculptures are thermoformed, seamless and as a result, look like they are diecast. With no front and no back, they also do not have any visible



cable connections. Diva is produced as an individual bespoke piece. Thanks to the great versatility of HI-MACS®, 40 different colours are possible.

As to the sound quality? The solid surface material permits very little to no vibrations of the housing. As a result, this top-class speaker system generates consistently neutral, unadulterated sound even at high or low volumes. HI-MACS® is perfectly suited to the special

Burmeister technology: thanks to a cube-like, tapered body, the sound is distributed in a sphere-shaped 360° angle. A stereo pair creates a three-dimensional sound space. The core is formed of a carefully selected three-way speaker system and a specially developed diplexer with high-quality components. An innovative bass reflex system offers true deep-tone playback up to 25 Hz. Thus Diva offers an amazing acoustic and visual experience.

BAS Burmeister Audio Systems develop high-quality hi-fi speaker systems, as well as systems for professional event technology, and have fitted out numerous health and spa areas, hotel lobbies and suites. The owner Jens Burmeister designed Diva in cooperation with product design students at Potsdam University of Applied Sciences. The aim was to create a work of art that could be integrated in any installation aesthetically and timelessly, in contrast to many other speaker systems. Naturally Burmeister also wanted to provide the high-performance sound customers have come to expect from the brand. The shape of the housing determines the dimensions of the individual speakers and the arrangement and harmonisation of the components. Exterior design and selection of the speakers go hand-in-hand. With Diva, ultimately the production of the extroverted shape became a challenge: the complex requirements for the housing material could not be sufficiently met by either wood or metal. Master joiner Andreas Kuhlmann who helped on the project should be given all credit for introducing HI-MACS®. The solid surface material offered Jens Burmeister finish and design options with the right high-quality appearance as well as the acoustic properties that he sought. With the acrylic stone, Burmeister Audio Systems was able to realise the ambitious concept now bearing the name Diva.



TECHNICAL INFORMATION

Components:	Three-way speaker system with 8 inch bass subwoofer, 5 inch midwoofer and 25 mm tweeter.
Sound emission:	Omnidirectional, 360° sphere-shaped
Average sound pressure:	92 dB
Frequency range:	25 Hz (-3 dB) – 30000 Hz
Wattage rating:	120 W (RMS)
Impedance:	4 ohms
Height/diameter:	1480 mm/518 mm
Weight:	36 kg per piece
Body:	HI-MACS® Natural Acrylic Stone
Miscellaneous:	Bespoke, bi-amping-capable, stainless steel stanchions

PROJECT INFORMATION

Developer:	Jens Burmeister & FH Potsdam
Designer:	Raphael Singer, Jim M. Görtz, Jens Burmeister
Manufacturer:	BAS Burmeister Audio Systeme; www.burmeister-audio.de
Fabricator:	Adolf Kuhlmann GmbH & Co.KG Einrichtungswerkstätten; www.akuhlmann.de
Material:	HI-MACS®, www.himacs.eu
Photos:	Martin Eckert - Application Engineer BAS

Entspricht Ihren
Wünschen.

Ihr
DIVA
Soundsystem.



HI-MACS® by LG Hausys

www.himacs.eu

HI-MACS® is a solid surface material that can be moulded into any shape. It is widely used for architectural and interior applications, such as sculptural and high performance wall-cladding or kitchen, bathroom and furniture surfaces, in commercial, residential and public space projects. It is composed of natural minerals, acrylic and pigments that come together to provide a smooth, non-porous and visually seamless surface which meets the highest standards for aesthetics, fabrication, functionality and hygiene – offering manifold advantages over conventional materials.

HI-MACS® provides limitless possibilities for surfacing solutions and inspires creative minds from all over the world. **Zaha Hadid, Jean Nouvel, Rafael Moneo, Karim Rashid** and **David Chipperfield**, among others, have completed fabulous projects using HI-MACS®, from kitchens to bathrooms, including decorative items, in hotels as well as in museums, shopping centres and on external façades.

LG Hausys' HI-MACS® uses a simple heating process to give three-dimensional thermoplastic forming capabilities, allows visually seamless designs, offers a virtually limitless range of colours and – for some shades - exhibits a special translucency when exposed to light. Although HI-MACS® is almost as robust as stone, it can be worked in a similar way as wood: it can be sawn, routed, drilled or sanded.

HI-MACS® is manufactured using a new generation technology, the **thermal cure**. The temperature reached during the manufacturing process sets HI-MACS® apart from other solid surfaces and creates a denser, even more homogeneous, sturdy, durable surface – with a better resistance and superior thermoforming performance.

As regards hygiene, HI-MACS® does not absorb humidity, is highly resistant to stains, and is easy to clean, maintain and repair.

Countless internationally recognized certificates attest to the quality of HI-MACS® in terms of ecological commitment, hygiene and fire resistance – being the first Solid Surface in the market to receive the official **European Technical Approval (ETA) for façades** – for Alpine White S728 colour.

HI-MACS® offers the longest warranty on the solid surface market with a 15-year warranty for products fabricated by a Quality Club Member.

HI-MACS® The New Generation

Inspired by Architecture

For more information and to stay connected, visit our [website](#) and our [newsroom](#).

Let's connect!



* **HI-MACS®** is designed and produced by **LG HAUSYS**, a world leader in the technology sector belonging to LG Group, and distributed by **LG HAUSYS EUROPE GMBH** based in Frankfurt (Germany).

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High resolution photos available at www.himacs.eu