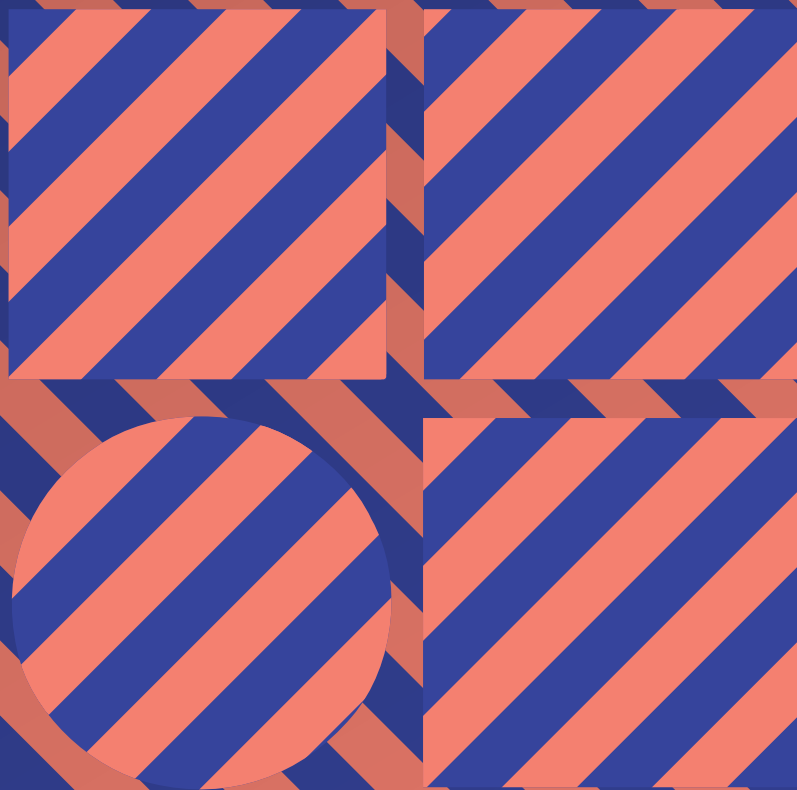


Custom solutions



**Color.
Construction.
Climate.**

More art. Less noise.

**d&b
audiotechnik** 

Made

to

measure

sure

Whenever a project cannot be realized with the standard product portfolio, the d&b Custom solutions team is on hand to help.

Committed to satisfying unique requirements, Custom solutions develops special construction, weatherization, and aesthetic features for d&b loudspeakers to meet particular demands.

Each project receives individual treatment and together with all parties involved, everything that is needed to perfect it is diligently defined for a harmoniously tailored fit.

The outcome of this process? A precisely fashioned d&b system perfectly suited to the overall visual and aural experience in every possible way.

Patterns

for precision

Cruise ships

The fresh ocean air on a deck and sound of the waves may relax and restore a ship's passengers, but they are anything but a tonic for loudspeakers.

The WR (Weather Resistant) option handles everyday weather nicely. For protection against salt water as rugged as the ocean itself, d&b Custom solutions has developed SWR (Sea Water Resistant) variants of several loudspeaker series. Certainly, enough to cover even the broad scope of entertainment possibilities on modern cruise lines: An on-board concert amplified through an xA-Series array or full-scale stage productions reinforced with V and Y-Series loudspeakers. A relaxing deck side atmosphere complemented by a suitably chilled out soundtrack gently flowing from E-Series and xS-Series loudspeakers, picking up energy as night falls and the dancing begins.

Stadia

Sound must reach thousands of spectators from the very first to the very last rows; an area often exceeding 90°. This is why d&b has developed SVS (Special Version Stadium) loudspeakers.

SVS loudspeakers can be mounted under roofs or catwalks, with extra protection against rain and full consideration of wind loads and seismic activity. Using threaded inserts instead of integral rigging, cabinets are mechanically supported by side plates and metal brackets designed to project specifications. Cabinets can also be finished in a range of colors. Once hung, individual loudspeakers can be removed from the array without dismantling the entire structure.

Above all, SVS loudspeakers are acoustically identical to their standard counterparts, producing exceptional directivity control and remarkable clarity that cuts through the roar of the crowd.



SVS: Special Version Stadium
SWR: Sea Water Resistant
SC: Special Color
WR: Weather Resistant

Houses of Worship

The expression of faith should have as few distractions as possible. Technology must remain transparent while elevating the message of worship.

Whether xC-Series columns absorbed sensitively into a historic cathedral, a Y-Series system providing crystal clear sound to a vast temple or hangs of KSL delivering a range of audio in a contemporary church, all d&b loudspeakers keep worshippers focused on what's important: the message. In the hands of the Custom solutions team, d&b systems become invisible carriers of content, absorbed sensitively into their surroundings. To color-match a loudspeaker cabinet is just the start. The SC (Special Color) option has been expanded to offer a wider range of options, including a variety of textures and finishes.

No matter the aesthetic or acoustic demands of a space, d&b systems support intimate, transparent and engaging worship.



Improving the hang

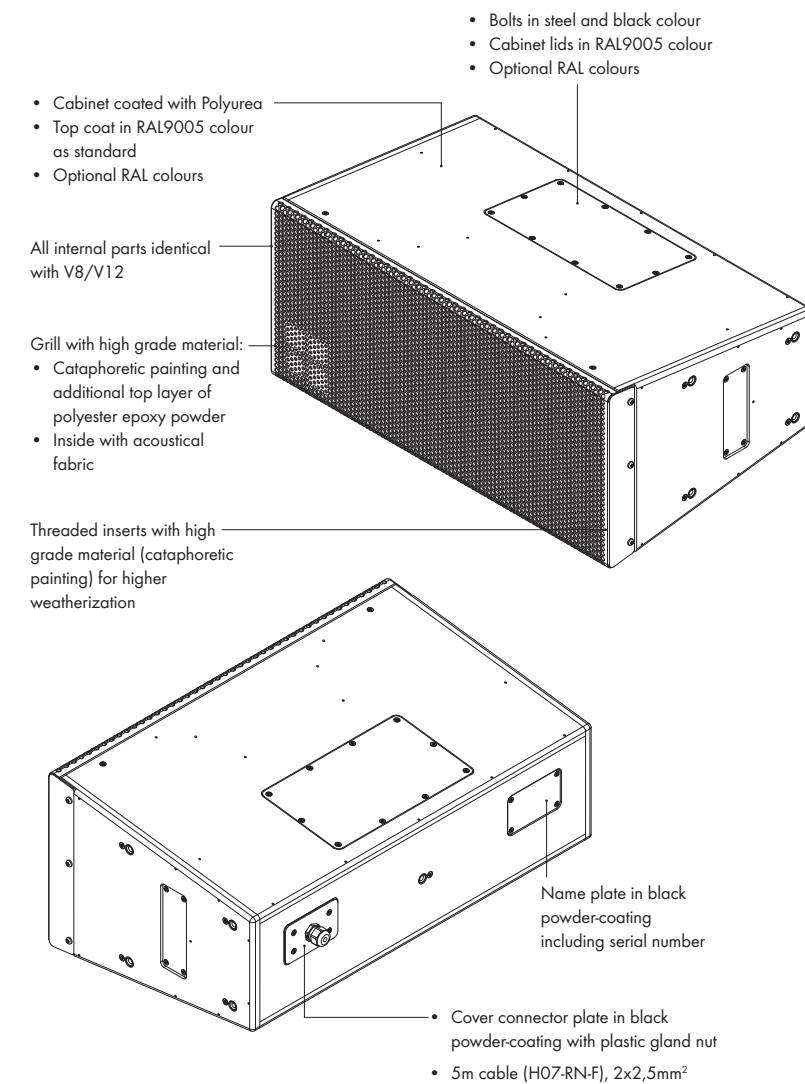
For outdoor applications in sports venues and arenas, where loudspeakers are often permanently exposed, d&b has developed loudspeaker variants built to connect to custom rigging solutions: SVS (Special Version Stadium) loudspeakers. In addition to these Custom solution-ready variants, many d&b line array loudspeakers are designed for custom rigging projects.

Simply by virtue of their customization, SVS loudspeakers bring improvements to the following working areas:

- Loudspeakers are designed for permanent outdoor use, including nano coating, as well as cable glands to protect from the elements
- Universal mounting points
- Individual loudspeakers can be removed from the array without needing to take down or disassemble the array
- External rigging can be designed with covers on the upper side for additional protection from rain ingress
- External rigging can be designed to accommodate wind loads and seismic activity, ensuring the utmost structural safety
- Single subwoofers or small subwoofer arrays can be flown, circumventing the use of a top and bottom mounting frame
- SC (Special Color) option is also available for cabinets with custom rigging

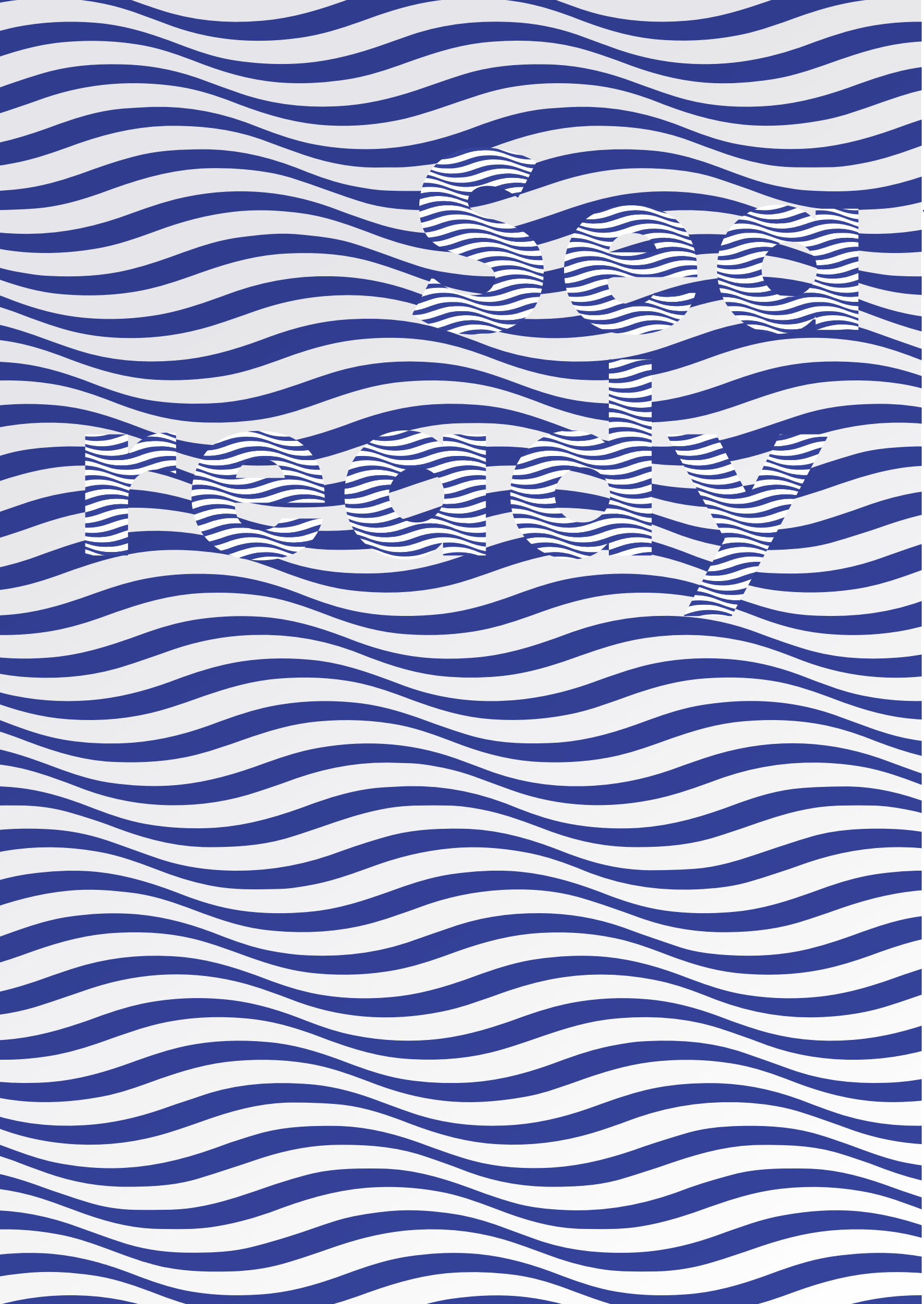
The resulting solution is acoustically identical to its standard counterpart yet constructed exclusively for the project at hand.

Whether sport, music or cultural event, it's the sound reinforcement system that connects the audience to the action. Custom rigging ensures that regardless of architectural features or acoustic peculiarities, coverage and consistency are never compromised.



Nano coating:

An extremely thin film applied to surfaces to repel water, oil and dirt. Nano coating does not affect the acoustic performance of d&b loudspeakers when applied to fabric behind SVS and SWR loudspeaker grills.



water

Climate considerations factor into many projects, but the corrosive nature of sea water requires much tougher protection in a loudspeaker. Demand for a higher resistance to harsh environments led to the development of the SWR (Sea Water Resistant) option. Based on the WR (Weather Resistant) option but with a superior grade of resistance to wet or acidic environments, SWR variants are ideal for cruise ships, coastal venues, stadiums, hotels or parks.

A number of d&b loudspeakers and subwoofers can be adapted to meet either IP54 or IP55 ratings, depending on the model.

SWR models can also be further customized with special rigging and finish color if desired. In other words, SWR loudspeakers provide the same acoustic performance as the standard models, while also providing the highest reliability against whatever the weather throws at them.

IP Rating:

The International Protection Rating, sometimes referred to as Ingress Protection Rating. d&b loudspeakers with an IP rating of 55 can withstand prolonged exposure to dust and torrential rain that mimics small water jets (but please do not spray your loudspeakers with water jets).

316Ti/1.4571 stainless steel:

A type of steel stabilized with titanium for increased mechanical strength and resistance to corrosion, especially at higher temperatures. This particular grade of steel has been traditionally specified by German engineers since the early days of stainless steel making.

Plastic or birch plywood cabinets with water resistant glue and weather resistant PCP (Polyurea Cabinet Protection) finish

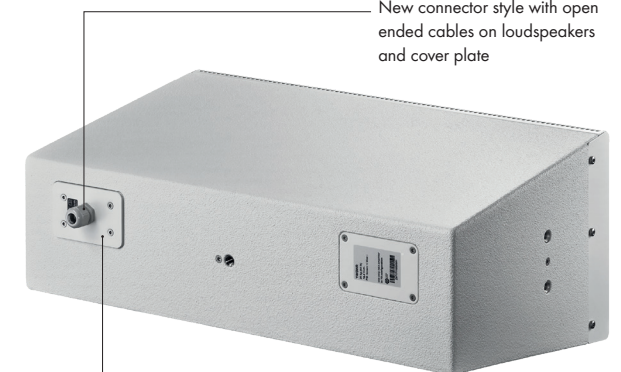
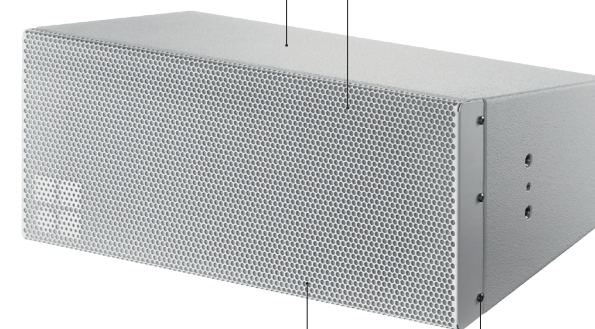
Acoustically transparent nano coated fabric behind the grill and water repellent nano coating to protect drivers

High grade stainless steel grills and connector panels (316Ti/1.4571)

High grade stainless steel bolts (V4A)

New connector style with open ended cables on loudspeakers and cover plate

Cover plate with input cable gland



How any

Why settle for black? When looks are high on the agenda, d&b loudspeakers can take on any color you choose.

Cabinets that discreetly blend into their surroundings, leaving listeners comfortably unaware of their existence. Or perhaps the loudspeakers are destined for a much bolder role, taking on a hue as unique as the space they inhabit.

While bespoke color options are not new to d&b, the palette has been expanded to offer a wider range of options: The exact color required, from any international color standard, can be applied to any d&b loudspeaker, including accessories.

The finishing touch? The finishing. Whether gold plating or a rust-like appearance, Custom solutions will endeavor to provide a fitting effect, no matter the project size or complexity, installed or on the road.

Choose any color. Even different shades of black.



color

Further adjustments

What is the difference between made-to-measure and bespoke? One modifies something that already exists, the other creates something entirely new.

The world of entertainment technology and sound reinforcement is in a state of constant change. As a result, new challenges and demands will always present themselves.

Furthermore, what might be considered a custom solution today may very well become a standard tomorrow. Indeed, many current d&b products were originally conceived in this manner.

“To constantly endeavour to elevate the quality of sound systems to accurately transfer passions” is the d&b mission. This is achieved by looking to the future, listening to users, owners and businesses. Always considering how best to enhance the catalogue.

To that end unique requirements beyond what is typically asked of Custom solutions will always be evaluated for feasibility. That everyone should experience the same impeccable quality of sound, regardless of their position in the audience remains a core d&b belief. Defying convention remains an unofficial d&b specialty.

