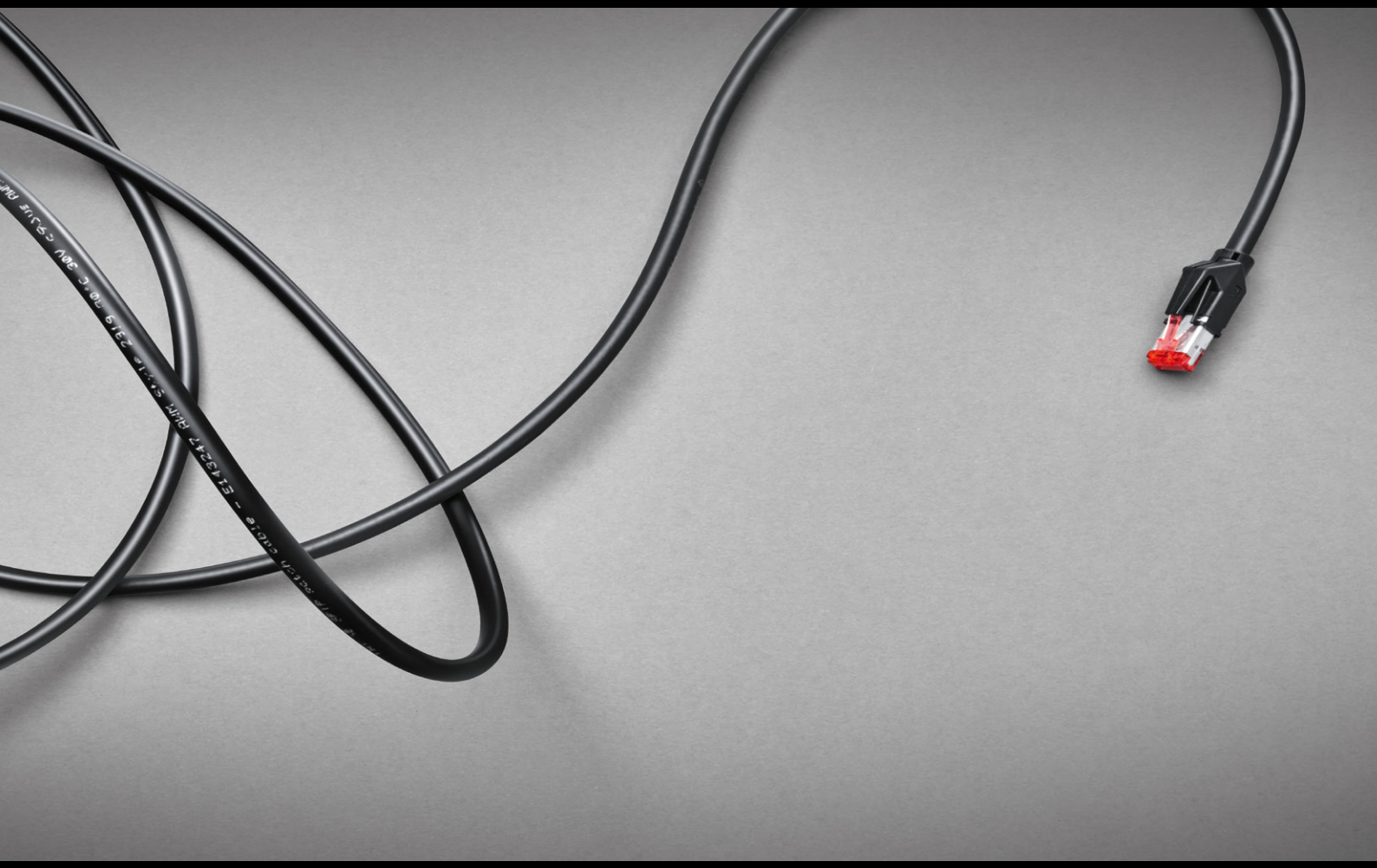
Welcome, Dante.



The DS10 Audio network bridge.

d&b audiotechnik

The DS10 Audio network bridge.

More than just a Dante interface.

The DS10 provides sixteen AES3 digital output channels and enables any Dante equipped device to seamlessly connect with the d&b amplifiers. But this 1 RU device is more than just an interface; the DS10 features an integrated 5-port Ethernet switch, providing extended connectivity and advanced functions such as redundancy, VLANs and multicast filtering. When connecting a laptop to one of these switch ports, the complete d&b system can be accessed and controlled using the R1 Remote control software via Ethernet through the Open Control Architecture (OCA) protocol. Both audio and remote control data can be combined and sent via one Ethernet cable.

The DS10 provides four AES3 digital input channels, and can act as an AES3 distribution device when in bypass mode, increasing the flexibility for applications not using a Dante enabled console. Dante meta data including channel labelling information is sent via the AES3 stream to the four channel d&b amplifiers, ensuring that routing and troubleshooting is simple. The power supply is suitable for mains voltages 100 – 240 V, 50 – 60 Hz, and features Overvoltage protection of up to 400 V.

The d&b System reality.

One entirety, where each fits all.

From small beginnings to international regard: much has changed since d&b first produced sound reinforcement solutions over thirty years ago, yet the d&b system philosophy has remained the same. This system approach comprises loudspeakers, amplifiers, networking, software, transport and rigging accessories, and cabling solutions. Designed to provide the optimum results by maximizing the performance of the complete d&b system, this approach ensures reliability, consistency and efficiency. At the same time d&b offers integrated finance, service and support, a knowledgeable distribution network as well as education and training. This is the d&b System reality.

The d&b workflow improves efficiency all the way from system planning to advanced remote control of the entire d&b solution. The ArrayCalc simulation software accurately depicts the d&b system in any given space, faithfully predicting the entire system performance. This data is used by the R1 Remote control software to automatically generate a graphical user interface for the complete management of the system. Using the DS10 Audio network bridge, audio and remote control data is transported via Ethernet from the mix position to the d&b amplifiers.

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The DS10 Audio network bridge.

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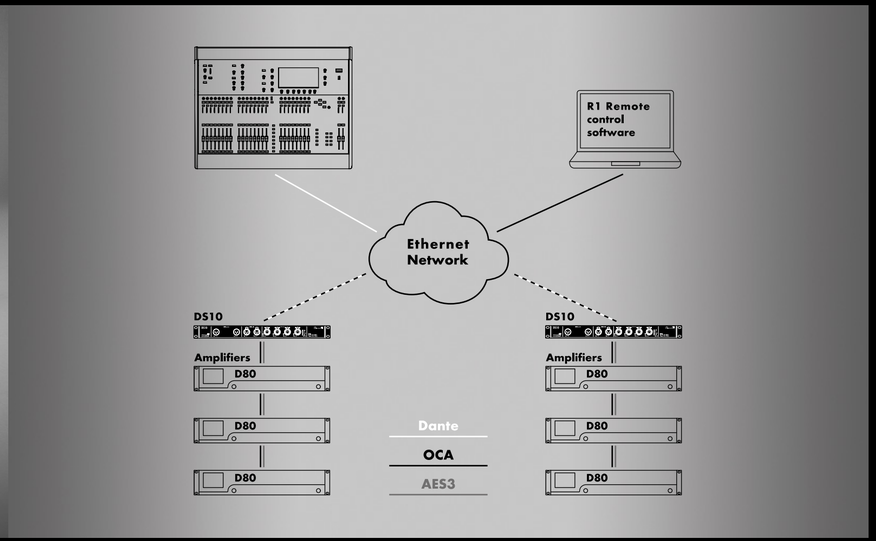
A real system enhancer.



Uniquely uniform.

Along with constant directivity to low frequencies, efficient operation and predictable results, the system approach is the foundation of the d&b philosophy. This approach now reaches further up the signal chain than ever before; the introduction of the DS10 means the d&b system starts directly at the mixing console output.

The DS10 Audio network bridge allows Dante enabled devices to interface directly with the AES3 inputs of the d&b amplifiers. The signal path from the console to the loudspeaker is smoother than ever before: one network bridge, one piece of remote control software, one consistent amplifier Digital Signal Processing platform; streamlined operation with optimal results.

Amplifies your amps.

Definitive Digital Signal Processing.

The four channel d&b amplifiers all provide advanced Digital Signal Processing capabilities providing comprehensive loudspeaker setups and system management tools as well as switchable filter functions to tailor the response to any application. The four channel d&b amplifiers also provide two 16-band equalizers with parametric, notch, shelving and asymmetric filters and up to ten seconds of delay.

The d&b D20 and D80 amplifiers, as well as the installation specific 10D and 30D amplifiers, all provide the ArrayProcessing function in combination with the J-Series, V-Series and Y-Series line arrays. ArrayProcessing optimizes the level and tonal balance of a line array over the entire audience listening area. It also applies a target frequency response to each hang to ensure consistent results between different columns regardless of line length, loudspeaker type and splay settings.

The DS10 Audio network bridge enhances the usability of the DSP within the amplifiers, providing access via the network to the comprehensive processing capabilities. The DS10 bridges networked audio and remote control data to the d&b amplifiers. Seamless signal processing with improved integration.

Application appropriate.

Whether loading into the largest stadium or the smallest club, or integrating with a permanently installed system, the DS10 expands flexibility, increases efficiency and improves reliability. All d&b amplifiers feature digital AES3 inputs, meaning the DS10 is suitable for all d&b amplifiers, and all sound reinforcement applications.

d&b audiotechnik

The back side.

Welcome to System reality.

d&b audiotechnik®