**d&b audiotechnik launches ArrayCalc V8 simulation software, featuring ArrayProcessing: further elevating the performance of d&b line arrays.

Backnang**, Germany 15.04.15 – German loudspeaker system manufacturer, d&b audiotechnik, has today released ArrayCalc V8, featuring ArrayProcessing. This software update further elevates the already excellent sound of the large format d&b J-Series as well as the V-Series and Y-Series line array systems.

ArrayProcessing is a new feature within the d&b ArrayCalc V8 simulation software, the advanced prediction tool for d&b loudspeaker systems. ArrayProcessing optimises the tonal and level balance of a line array system over an entire audience listening area, defined by its mechanical vertical coverage angle. It applies the same target frequency responses to all d&b line arrays, ensuring that each hang will have consistent sonic results regardless of array length or splay settings. Each cabinet in an array must be driven individually, as specific combinations of FIR and IIR filters are applied to each loudspeaker. The only investment is for the additional amplifier channels required to drive each loudspeaker.

“ArrayProcessing refines the performance of d&b line arrays which, in turn, leads to a direct and audible improvement in overall sonic results,” says Sabina Berloffa, Director Marketing and Product Management at d&b audiotechnik. “This is impressive in its own right. But I’m equally convinced that it demonstrates, once again, our ongoing commitment to continually improve and add value for existing customers. In this case, because ArrayProcessing fully integrates into the existing d&b workflow, all of our line array customers secure their investment by achieving even better sound quality from their existing systems, whether permanently installed or for mobile applications.”

“We’ve been using ArrayProcessing behind the scenes for a while now,” says Werner ‘Vier’ Bayer, Product Manager at d&b audiotechnik. “The development stage involved lots of input from a wide range of Beta users, who helped us evolve ArrayProcessing to the tool it is today. The outcomes are really remarkable and the feedback we have received has been amazing. We believe that with ArrayProcessing the next level of reinforcement quality is now available.”

Using ArrayProcessing, within ArrayCalc, system designers can program multiple slots for different performance characteristics of the same array without the need to make any mechanical adjustments. The constant additional latency of just 5.9 ms remains unchanged, while the entire system can be altered during an event to adapt the performance emphasis.

The new ArrayProcessing function is incorporated within ArrayCalc V8, available to download for free from www.dbaudio.com.

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**About d&b audiotechnik**

d&b audiotechnik ([www.dbaudio.com](file:///%5C%5Cpsf%5CHome%5CDesktop%5Cnew%20templates%5Cwww.dbaudio.com)) operates internationally in the field of electroacoustics as a manufacturer of loudspeaker systems and electronics for high quality speech and music reproduction or sound reinforcement in public places. d&b audiotechnik is regarded as one of the leading companies in this market on the basis of its technological developments, system integration principles, quality of construction, and standard of service. The company, with a workforce of 300, has branch offices worldwide. The company headquarters is in Backnang near Stuttgart. Research and development, as well as production, is accommodated there.