

## d&b audiotechnik D40 Amplifier



German audio technology and solutions company d&b audiotechnik today announced the introduction of the new D40 mobile amplifier. The four-channel Class D amplifier features reduced size and weight, advanced voltage management, and increased system performance while significantly reducing power consumption for improved environmental friendliness.

This newest addition to the d&b family is tailor made for mobile applications and represents a significant progression in amplification and comes as a result of research and innovation in the entire d&b ecosystem of technology.

“The D40 is a great example of d&b’s drive to produce innovative, high-performing audio solutions. Enhanced feature benefits and power efficiency combined with energy savings features increases system efficiency.” Wolfgang Schulz, Product Manager, d&b audiotechnik.

The D40 is the mobile version of the 40D installation amplifier. The amplifier’s user interface consists of a 4.3-inch (480 x 272 pix.) color touchscreen and a digital rotary encoder, providing comprehensive information of the device configuration and enhanced status monitoring.

The D40 amplifier has a dynamic range of 116 dB (unweighted) and is designed to drive high-voltage d&b loudspeakers while providing comprehensive management and protection capabilities. The D40 reaches 180V peak, delivering full performance from d&b KSL System loudspeakers and V-Series and Y-Series.

The D40 uses Digital Signal Processing (DSP) to incorporate loudspeaker configurations and user-definable setups, equalization and delay functions.

The D40 combines advanced voltage management to drive systems that demand less input power as a whole. The D40 includes enhanced energy saving features, power efficiency and Automatic Wake up for environmentally responsible and sustainable Green Building requirements.

As part of the d&b family, the D40 benefits from the full range of d&b technology software solutions including ArrayCalc, ArrayProcessing, NoizCalc and the R1

Remote control software. These elements all come together in the highly efficient d&b Workflow, maximising the performance, usability, and value of d&b systems.

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