vdes in-room frequency response of 20 Hz to 40 kHz with 125 dB maximum SPL.

To achieve these objectives, ground-up innovation was required, and the system incorporates components with a total of seven patents and one pending. So, how did they get there? In January 2013, JBL introduced its next-generation VTX line array series, incorporating a revolutionary high-frequency device, the D2 Dual-Diaphragm Dual-Voice-Coil Driver, capable of very high output, free-field, extended frequency response, and for post rooms in need of facilities ready to move up from near-fields.

In post-production, an increasing portion of the work is being accomplished in a range of spaces, outside-studio equipment is being employed. And while new smaller rooms have the same dynamic range requirement as the dubbing theater, full-sized screen channel speakers are too large and near-field monitors are too small.

At Winter NAMM 2013, JBL Professional unveiled its next flagship large-format M2 Master Reference Monitor. In developing the M2, JBL sought to make large-format monitor a viable option for a broad range of production spaces. To make this possible, the system had to meet these criteria: high output, extended yet neutral frequency response; compact footprint to allow a broad range of placement options; and tuneable to optimize the interface of the system to the room. On top of all this, and most important, the listening experience had to be compelling, engaging and enjoyable. With these objectives in mind, JBL set out to develop the first complete solution for music facilities ready to move up from near-fields, and for post rooms in need of speakers that bridge the gap between near-fields and large-format cinema systems.

The M2 is a free-standing, 2-way system that can be placed in any environment to provide an exceptionally accurate monitoring experience. Leveraging a new generation of JBL high-output, ultra-low distortion transducers, the M2 delivers in-room frequency response of 20 Hz to 40 kHz with 125 dB maximum SPL.

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