

3M Brings Images to Life in New Video Projection Screen with Speaker Technology

3M demonstrates the latest advancement in audio/visual technology for professional rear-screen projection with its new Vikuiti screen that manages both light and sound through built-in speaker technology.

The new Vikuiti XRVS-120 eXtended Resolution Video Screen with Sound Enhancement delivers evenly dispersed sound directly from the screen through a patented technology called SoundVu from NXT, which causes the display panel to vibrate and, in turn, produce a diffuse sound field. 3M has an agreement in principle with NXT to be the exclusive provider globally of its SoundVu technology for the professional rear projection screen market.

Sound is produced from the screen by positioning exciters at the edge to cause vibration across the screen surface. The result is excellent sound dispersion with less drop-off in sound volume over distance.

"Listeners are immersed in sound no matter where they are in the room," explains Raj Patel, business manager, 3M Optical Systems Division. "The screen also serves as a loudspeaker, which reduces installation time and the need for additional costly components."

The Vikuiti XRVS-120 extended resolution video screen with sound enhancement addresses the increase in demand for larger electronic displays in professional settings, such as retail point of sale, tradeshow exhibits and educational facilities. Reducing or even eliminating the need for external speakers also makes the display more mobile and easy to position. In addition to its sound capability, the screen offers high-resolution, high-ambient light rejection capabilities with less sensitivity to nearby reflective surfaces.

Demonstrations of the new screen for media attending INFOCOMM will be conducted June 3, from 3 p.m. to 5 p.m. in the 3M Optical Systems Division suite at the Peabody Hotel.

3M's expertise in display technology is reflected in its line of Vikuiti light management products that include proprietary microreplicated and multilayer display enhancement films for applications in electronic displays, such as LCD televisions, mobile phones, desktop monitors and notebook computers. 3M also supplies touch screens and systems, high-performance projection screens and precision optical components for a wide range of display applications.

About 3M

3M is a \$16 billion diversified technology company with leading positions in consumer and office; display and graphics; electronics and telecommunications; health care; industrial; safety, security and protection services; transportation and other businesses. Headquartered in St. Paul, Minnesota, the company has operations in more than 60 countries and serves customers in nearly 200 countries. 3M is one of the 30 stocks that make up the Dow Jones Industrial Average and also is a component of the Standard & Poor's 500 Index. For more information about 3M, go to www.3M.com/profile/pressbox/index.jhtml.

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