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## ClearOne Launches Second Generation of its Groundbreaking Beamforming Microphone Array

### Building Upon More Than Three Years of 1st-Gen Installations, ClearOne Pushes Pro Audio to the Next Level

SALT LAKE CITY, June 1, 2016 /PRNewswire/ -- **ClearOne's** [NASDAQ: CLRO] new second generation Beamforming Microphone Array 2, introduced today, continues to advance the art of voice conferencing and extraordinary audio fidelity with the industry's most sophisticated audio beamforming, adaptive steering, acoustic echo cancellation, and noise cancellation technologies.



"This second generation, highly selective and directional Beamforming Microphone Array is optimized to operate with ClearOne's next generation CONVERGE<sup>®</sup> Pro 2 audio conferencing platform," said Durai Ramachandiran, ClearOne's Senior Director of Product Line Management for Pro Voice and AV Distribution. "Twenty-four microphone elements in the array adaptively guide audio pickup patterns towards conferencing participants, rejecting unwanted noise and reflections, and delivering unmatched conference room performance."

ClearOne's original Beamforming Microphone Array was the audiovisual industry's first professional grade microphone array with beamforming and adaptive acoustic steering. The design is sleek and attractive in any environment, and the array automatically senses its own mounting position - on a ceiling, wall, or table - to optimize audio signal processing for the best possible performance.

The Beamforming Microphone Array 2 affirms ClearOne's industry leadership, by delivering:

- | Significantly enhanced echo canceling for demanding acoustic environments
- | Faster convergence and better adaptation to changes in room acoustics, such as ambient noise from chairs moving, doors closing, chatter in the background, or any spikes in sound that alter the path of the audio
- | Dramatically better mic pickup, sharpening the capability to detect softer voices
- | Natural and clearly intelligible audio, even when two people speak at once
- | Zero consumption of analog mic inputs in the CONVERGE Pro 2 DSP mixer

The Beamforming Microphone Array 2 operates on a new peripheral bus architecture that allows it to connect with ClearOne CONVERGE Pro 2 DSP mixers through a single cable that carries power, audio, and control. A common software application does everything, from configuration to management and monitoring of the arrays and mixers. Up to three Beamforming Microphone Array 2 units can be connected per CONVERGE Pro 2, and multiple mixers can interconnect with additional arrays to cover large areas. In this way, a large number of beamforming arrays can be daisy-chained together, and they can work in tandem with other ClearOne peripherals, such as the new DIALOG<sup>®</sup> 20 Wireless Microphone System.

"ClearOne's patented beamforming technology includes forming fixed beams and applies acoustic echo cancellation to each beam," Ramachandiran explained. "Professional audio video integrators will enjoy a comfortable familiarity with the new mic

array, following ClearOne's legacy of dependability, quick installation, easy configuration, seamless integration, and world-class performance."

The Beamforming Microphone Array 2 is ideal for a wide range of audio environments, including boardrooms, large- and medium-size conference rooms, large lecture halls, courtrooms, and telemedicine facilities. ClearOne's second-generation Beamforming Microphone Array 2 is unequaled when it comes to delivering natural and superior-quality audio in a way that is transparent to conference participants.

The Beamforming Microphone Array 2 and other new ClearOne innovations will be on display at InfoComm 2016, June 8 to 10, in booth N1837.

For details on ClearOne's Beamforming Microphone Array 2, contact ClearOne Sales at 1-801-975-7200 or visit: [www.clearone.com/products\\_beamforming\\_mic\\_array\\_2](http://www.clearone.com/products_beamforming_mic_array_2)

**About ClearOne**

ClearOne is a global company that designs, develops, and sells conferencing, collaboration, and network streaming & signage solutions for voice and visual communications. The performance and simplicity of its advanced comprehensive solutions offer unprecedented levels of functionality, reliability, and scalability. Visit ClearOne at [www.clearone.com](http://www.clearone.com).

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