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## ClearOne Awarded New Patent for Acoustical Innovation on Beamforming Microphones With Orientation Sensors

### ClearOne's Latest Patent Is Part of Its Expansive Conferencing Patent Portfolio

SALT LAKE CITY, May 3, 2017 /PRNewswire/ -- ClearOne [NASDAQ: CLRO], the leading global provider of audio and visual communication solutions, has been awarded a patent for applied science that makes initial setup of its peerless [Beamforming Microphone Array 2](#) quick and easy. The newly patented technology — featured on ClearOne's beamforming microphone arrays that incorporate orientation sensors — helps to ensure optimum performance for users.

In ClearOne's beamforming microphones, this technology is used to automatically detect the microphone's orientation so that it can configure itself internally for optimum performance in:

1. *ceiling mode* — when mounted out of the way of users;
2. *table mode* — for maximum setup convenience; and
3. *wall mode* — when used below a display screen for videoconferencing.

The beamformer's orientation sensor enables the microphone array to instantly shift its signal processing characteristics in direct response to signals picked up by that sensor. The beamformer detects the way it has been installed, and adapts its lobes appropriately. The flexibility of this self-adaptive smart mounting aids integrators in minimizing audio design and installation guesswork, thus assuring users of the ultimate in acoustical performance.

Titled "Conferencing Apparatus with an Automatically Adapting Beamforming Microphone Array," the May 2 patent (#9,641,688) covers, among other things, a plurality of microphones arranged in a housing oriented to span a multiplicity of directions.

ClearOne's latest patent is part of its burgeoning patent portfolio, which currently includes more than 100 patents and pending patent applications covering multiple new technologies in the fields of audio and video processing, audio and video streaming, and communication technologies. ClearOne's continued development of new patents is key to its continued market leadership, longstanding product innovation, and development of breakthrough technologies.

ClearOne's Beamforming Microphone Array 2 is profiled at: <http://bit.ly/2I09VF4>

#### **About ClearOne**

ClearOne is a global company that designs, develops, and sells conferencing, collaboration, and network streaming and 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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