

## Securing The Boardroom

In the past several years, there has been an increase in both the desire and necessity for more advanced and secure business conferencing systems. With the country on high alert, government agencies and private sector companies have turned to technology to provide higher levels of security.

"A decade ago, most conferencing systems featured an analog wireless transmitter/receiver combo, no different than the handheld microphones you see used on stage or the body packs that a minister would use in church," stated Bob Lowig, beyerdynamic regional sales manager. "This technology was susceptible to outside infiltration. Anyone could go to a local electronics store, purchase a scanner, and tune in to listen to private meetings and conversations. Before 9/11, there wasn't a significant market for highly secure business conference systems. Today, it's imperative that these systems meet stringent security requirements."

In response to these needs, beyerdynamic engineers created the MCWD50, MCWD100 and MCWD200 conference systems with advanced digital encryption. "With the need for intense security features, beyerdynamic engineers developed a proprietary technology that has been incorporated into our conferencing systems," Lowig said. "The most important attributes included in the ad-

vanced technology are digital encryption, transmission of digital encryption and a pin code program to prevent eavesdropping. These advancements are integral to successfully transmitting messages securely."

Digital encryption is considered the most important factor contributing to highly protected systems. In order to secure the conferencing systems, beyerdynamic converted audio to a digital bit stream. Coupled with three binary digital bit streams, which are sent simultaneously over frequencies at a 7.5



*beyerdynamic engineers created the MCWD50, MCWD100 and MCWD200 conference systems to meet the growing demand for more secure conference solutions.*

MHz bandwidth, it is impossible for someone to scan all of these frequencies at once and break the codes to access them.

beyerdynamic engineers addressed eavesdropping concerns associated with additional microphone stations by incorporating a pin code program that allows the user to program a pin code into each station. Utilizing accompanying software, the user can program the exclusive pin code to applicable stations for a specific meeting. Only the user has access to the security code.

» beyerdynamic...

[www.beyerdynamic.com](http://www.beyerdynamic.com)