



Top Quality Conferencing Sound:

Revolabs' Executive Elite™ Wireless Microphone System Brings Exceptional Audio to IBERIABANK Conference Room

OVERVIEW

IBERIABANK, a 127-year-old subsidiary of the IBERIABANK Corporation, hosts multiple high-level audio conferencing engagements from its upscale executive conference room in downtown New Orleans. Specifically designed to enable superior sound quality, the space is used exclusively by the bank's executive body during important events such as the company's quarterly earnings report when over 200 industry analysts attend the call. To optimize audio clarity from participants across the room's 23-foot conference room table, IBERIABANK implemented wireless tabletop microphones with best-in-class audio enhancements to effectively capture audio from all 20 meeting members.

CHALLENGE

The IBERIABANK executive conference room system was designed to leverage the latest digital G.711 voice over IP (VoIP) and Session Initiation Protocol (SIP) based technology. However, the system needed a way to improve the room's microphone performance in order to balance participants' voice tones and volumes. The original setup comprised of two hanging ceiling microphones, making participants sound distant to call recipients since the ceiling microphones could not be adjusted nor moved closer to presenters. Raising volume only increased ambient noise while amplifying the discrepancy between loud and soft-spoken voices.

In addition to pristine sound quality, the audio conferencing solution needed to blend seamlessly with the conference room's upscale design and adhere to several spatial considerations. For instance, the room had limited space to fit any equipment beyond executives' personal devices, meaning that any conferencing equipment would need to be stored in a location up to 275 feet away. In addition, the room's only storage area, a small closet, was also unavailable to equipment since it could not provide any ventilation to rack-mounted gear. Due to the conference room's frequent usage, any proposed solution would also need to be simple to use and provide continuous operation during long periods of time to ensure uninterrupted conference calls.

SOLUTIONS/RESULTS

To turn IBERIABANK's executive conference room into a high-performance audio environment, integrator Summit Integration Systems (SIS) turned to Revolabs' Executive Elite wireless microphone system. Using the system's directional tabletop microphones, the devices were placed closer to participants which inherently increased audio quality while eliminating the effect of participants sounding distant during calls. Audio quality within the room is further improved thanks to Revolabs' "Designed for Speech" technology, built-in equalization, and advancements such as an improved

signal-to-noise ratio, allowing participants to experience audio quality that closely resembles the authenticity of face-to-face conversations.

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“IBERIABANK needed a way to customize the microphone’s equalization and volume for each executive in order to meet the goals of the bank’s high definition audio conferencing environment,” said Cliff Stromeyer, Systems Designer at SIS. “To satisfy such a high-stakes setting, we immediately turned to Revolabs’ Executive Elite. The combination of quality, failsafe audio, and clean, contemporary design result in a microphone system that is uniquely geared towards the demanding requirements of today’s corporate conference room environments. Thanks to the new distributed architecture, we could circumvent any space constraints by separating the base unit from the remote antennae while AES-256 encryption provided the robust security that the bank needed to keep every conversation safe.”

To satisfy the room’s space constraints, Executive Elite’s new distributed architecture and Power over Ethernet (PoE) support allowed the integrator to place the system’s two remote antennas in the same room as the wireless microphones while stationing the two base units in a separate location 275 feet away. Positioned within the small closet, the antennas were installed entirely out of view while the fully wireless microphones eliminated any possibility of unsightly cables running across the table or the length of the room. Easy to use, the microphones feature a simple single-button interface for easy muting and unmuting and enable up to 20 hours of operation on a single charge — even with base units 275 feet away. The system also provides intelligent power conservation for stand-by times of up to 72 hours.

“The overall quality and sound performance during our latest earnings report conference call were the best we’ve ever experienced,” said David Erwin, SVP, Manager of Telecommunications and Executive Support / AV / M&A at IBERIABANK. “The voices of our executives came out sounding crisp, clear, and balanced in volume despite being seated in different areas of the room. The Executive Elite microphone system also gives us the amazing flexibility to accommodate any seating disposition and blends perfectly with look and feel of the conference room, creating a seamless solution that requires no intervention from technicians of AV support staff. We are both impressed and extremely satisfied with the installation.”

BENEFITS

- Best-in-class audio quality
- Distributed architecture for adaptable installation
- Flexible microphone placement
- Fortune 500 look
- Easy operation
- Encrypted audio for optimal security
- Wide selection of concurrently-used wireless microphones



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