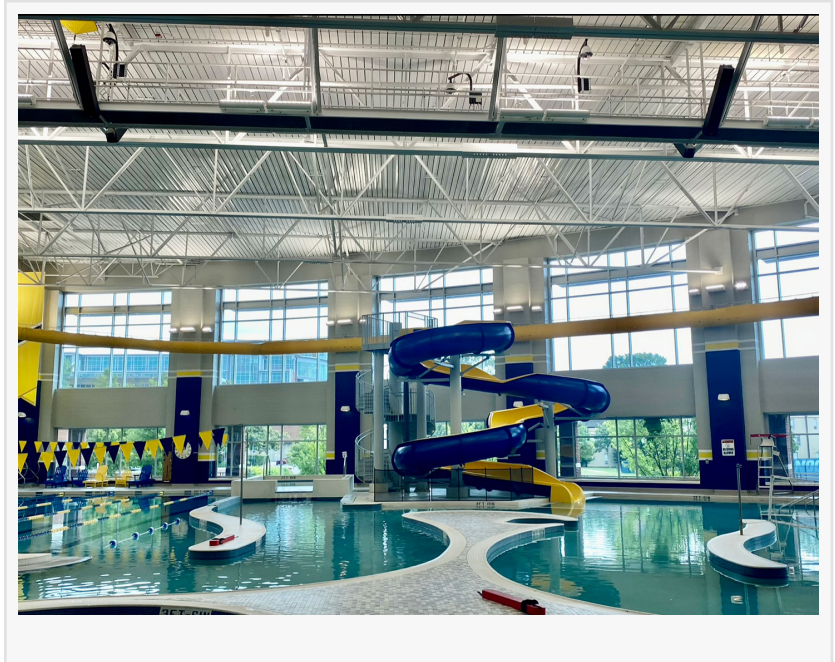


# Danley Sound Labs Meets Challenge of Indoor Aquatic Center at University of Tennessee - Chattanooga

*UT-Chattanooga installs new permanent Danley Sound Labs audio system*

GAINESVILLE, GEORGIA, UNITED STATES, July 31, 2023

/EINPresswire.com/ -- Large indoor facilities can create a challenge for audio engineers, integrators and installers. These facilities typically have high ceilings, concrete, glass and ceramic tiles, high levels of noise, frequent echoes, low speech intelligibility and issues with moisture and humidity. With such poor acoustics and environmental issues, choosing and installing an audio system that can overcome these challenges can be very difficult. University of Tennessee – Chattanooga found this out first hand.



“The Aquatics and Recreation Center Pool utilized a portable PA system that the department used when needed,” said Ray Soldano, space design technician at University of Tennessee – Chattanooga. “When the Center’s prior PA was first installed, the pool area was not included. So, when the system began to fail, this space was added so the PA could be heard throughout the entirety of the building.”

Soldano turned to Howard Technology Solutions for assistance in designing the new space. The new installation needed to stand up to the enclosed pool environment while allowing the PA to distribute voice and music through Bluetooth®, XLR and other mediums.

“We chose 4 Danley Sound Labs SBH20LF [loudspeakers](#) to meet the need along with amplifiers, processors, routers and a touch panel from other partners including Crown and Extron,” said Doug Jackson, AV design engineer at Howard Technology Solutions. “We were able to choose the loudspeakers, their placement and the actual down angles needed to achieve the desired

coverage of the space using Danley Direct modeling software.”

“Clarity and placement is important in a facility like UT-Chattanooga’s Aquatics and Recreation Center Pool area,” said Cooper Hedden, southeast regional sales manager at Danley Sound Labs. “The [SBH20LF loudspeaker](#) is perfect in this sort of use case. It is a high fidelity loudspeaker with high directivity providing unmatched pattern control and increased speech intelligibility.”



This installation also featured Danley’s “Extreme Weather” (EW) variant of the SBH20LF loudspeakers. EW loudspeakers utilize high-density, polyurethane panels that include fiberglass fibers to provide additional strength and are more impervious to harsh conditions like those found in an aquatic facility. The panels are approximately 40-60% lighter than plywood and

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*Cooper Hedden, southeast regional sales manager, Danley Sound Labs*

do not absorb water to any significant degree. In addition, the panels are held together with adhesives utilized in the aerospace industry increasing durability. All of these qualities make Danley’s EW loudspeaker variants more mold and mildew resistant than other loudspeakers on the market.

When asked about feedback from the new installation, Soldano stated: “Feedback has been very positive. In my role, I haven’t needed outdoor-rated speakers frequently, however with the success of this installation I’m already looking at other projects where we can use Danley EW loudspeakers.”

## ABOUT DANLEY SOUND LABS

Danley Sound Labs is a visionary in the audio industry providing powerful loudspeakers, subwoofers and other innovations to performances and venues around the world. Led by co-founders Tom Danley and Mike Hedden, Danley built its reputation on designing the most technologically innovative audio products on the market today. From stadiums to houses of worship, theme parks to cinemas and live sound, Danley products generate crystal clear sound that can serve audiences of any size.

Learn More at <https://www.danleysoundlabs.com>

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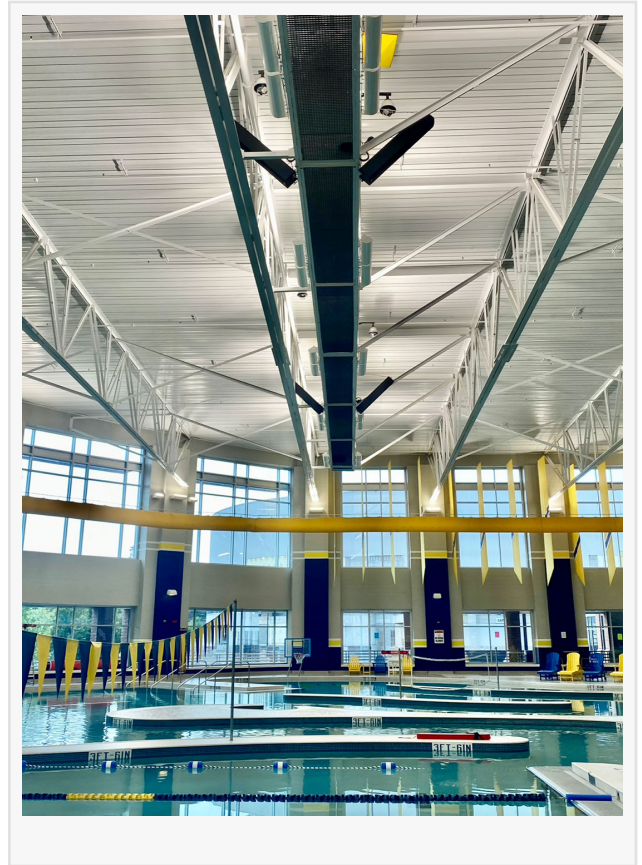
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