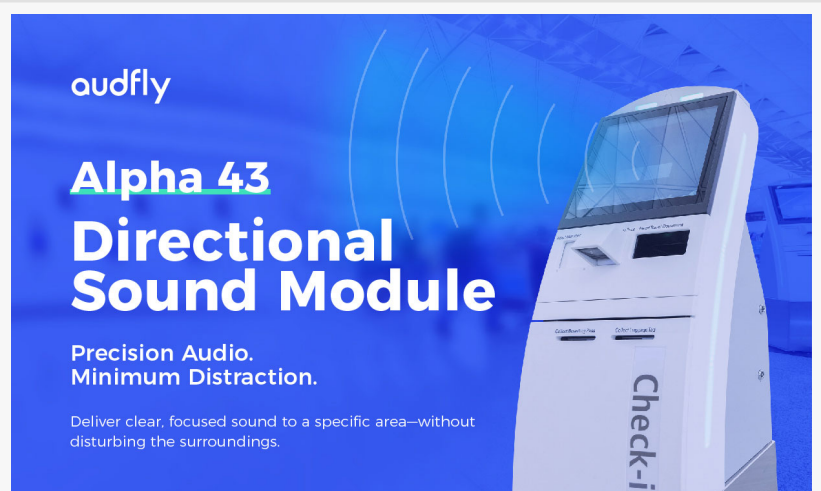


Smart Devices Evolve: Why Directional Sound Modules Could Be the Key to the Next Wave of Personalized Audio

LOS ANGELES, CA, UNITED STATES, August 20, 2025 /EINPresswire.com/ -- As global demand for smarter, more personalized consumer and professional devices continues to accelerate, the audio experience is emerging as a decisive factor in product differentiation. Traditional loudspeakers, while widely used, often fall short in environments where clarity, privacy, and directional control are paramount—whether in kiosks, interactive terminals, or next-generation computing systems.

Recently, Audfly Technology, a pioneer in [ultrasonic audio solutions](#), announced the launch of several new [directional sound modules](#)—Alpha22, Alpha43—designed to help manufacturers embed focused sound directly into their hardware products. The move underscores a broader industry trend toward modular audio innovation, enabling device makers to achieve greater adaptability without overhauling their designs.

“Smart hardware has moved beyond just processing power and display quality,” said Dr. Hannah Collins, an industry analyst specializing in emerging audio technologies. “The focus now is on how devices interact with users in a



seamless, context-aware manner. Directional audio modules fit perfectly into this trajectory, allowing sound to be delivered with precision and privacy.”

Unlike conventional speakers that disperse sound widely, directional sound modules use ultrasonic to transmit audio to targeted areas. For end-users, this means conversations with kiosks or digital assistants can be clearer and more private. For operators, it helps reduce noise pollution in shared spaces such as airports, hospitals, libraries, or retail environments.

Industry observers note that the trend is not limited to enterprise or public applications. With consumer demand rising for devices that respect personal space—particularly in open-plan offices or shared households—directional sound could quickly migrate into mainstream personal electronics.

“People don’t just want to hear anymore,” said Prof. Marcus Reinhardt, an acoustics expert based in Munich. “They want to hear the right thing, in the right way, without disturbing others. That subtle distinction is where directional sound technology—and by extension, modular implementations like Audfly’s—could make a significant impact.”

By offering scalable, plug-and-play designs, Audfly’s focused sound modules are positioned as building blocks for a wide spectrum of devices, from kiosks and smart terminals to digital signage and healthcare systems.

Still, the introduction of new modular solutions suggests that the audio landscape for smart devices is entering a new phase—one in which privacy, precision, and personalization converge. As manufacturers look to redefine the human-device interface, directional sound modules may prove to be not just an accessory, but a defining component of the next generation of intelligent hardware.

About the Alpha Series

Audfly Technology’s Alpha Series represents a new wave of modular [directional sound solutions](#), designed to integrate effortlessly into kiosks, healthcare devices, smart terminals, and digital signage. Leveraging ultrasonic technology, these modules enable precise, targeted audio delivery while maintaining a compact, adaptable form factor. With plug-and-play setup and versatile mounting options, the Alpha22 and Alpha43 models offer manufacturers and system integrators scalable tools to enhance sound clarity, protect user privacy, and tailor audio experiences to a variety of commercial environments.

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