

Audfly's Alpha Series Empowers Developers to Create Tailored Directional Sound Experiences



San Francisco, California Jul 17, 2025 ([Issuewire.com](https://www.issuewire.com)) - As interactive systems increasingly rely on advanced audio to enhance user experience, directional sound technology is gaining traction as a critical tool for creating focused, privacy-conscious, and noise-managed interfaces. Audfly Technology, a leading innovator in ultrasonic audio solutions, has expanded its Alpha series with new directional sound modules designed to provide developers with the adaptability and performance necessary to craft

tailored acoustic environments.

The latest modules, including the Alpha22 and Alpha43, have quickly been integrated into a variety of applications such as healthcare kiosks, public terminals, digital signage, and self-service stations, where delivering clear, private sound is vital.

"Directional audio is moving beyond niche use cases to become a core feature in user experience design," commented Dr. James Renner, an expert in human-machine interaction systems. "Audfly's Alpha series offers a modular platform that supports customization and scalable deployment, meeting the diverse needs of today's developers."

Modularity Meets Practical Integration

Designed to be flexible and developer-friendly, the Alpha series features standardized connections, versatile mounting options, and the ability to scale up by combining multiple units in an array. This architecture allows integration teams to apply directional sound technology across compact devices or more complex setups requiring precise acoustic control.

Soojin Kim, product lead at a Korean smart terminal manufacturer, shared her experience: "Using the Alpha43, we could adapt to different terminal designs without significant mechanical changes. This level of flexibility is uncommon in [directional sound solutions](#), making our development process smoother and more efficient."

Enhanced User Engagement through Focused Sound

Beyond technical advantages, directional sound modules from Audfly are delivering measurable improvements in user interaction. In several pilot projects involving multilingual transport hubs and high-traffic public spaces, [focused audio](#) zones have been shown to boost user attention and simplify navigation.

"Audfly's technology helped create a personal audio experience even in busy environments," said a product manager overseeing a multilingual transit terminal deployment. "Users spent more time interacting with the kiosk independently, guided by the clear and localized sound."

Healthcare and retail sectors are also benefiting, with directional sound reducing overlapping noise in clinics and enabling retailers to design audio zones that engage customers without intrusive headphones or physical partitions.

Driving Innovation with Simplified Deployment

Early adopters across Asia and Europe have applied Alpha modules in a range of scenarios, from interactive lockers with voice capabilities to multi-language digital information points. Feedback highlights reduced integration times, easier fitting into existing hardware, and improved speech clarity despite challenging acoustic conditions.

An integrator involved in a smart city project in eastern China noted that Alpha modules helped overcome sound interference issues without bulky hardware additions. Similarly, a self-service terminal developer in Japan praised the plug-and-play nature of Audfly's modules for accelerating time to market while ensuring high audio quality.

About Audfly's Alpha Series

The Alpha series consists of ultrasonic [directional sound modules](#) engineered for rapid deployment in kiosks, terminals, signage, and interactive devices. Offering precise sound projection, scalable modularity, and compatibility with directional microphones for voice pickup, the Alpha lineup equips developers with the tools to implement custom directional sound solutions that improve audio clarity, privacy, and user engagement across real-world applications.



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