

Audfly's Plug-and-Play Directional Audio Modules Drive Faster Deployment Across Kiosks and Smart Terminals



San Francisco, California Jul 9, 2025 ([Issuewire.com](https://www.issuewire.com)) - As personalized and precise audio becomes a core requirement in next-generation kiosks and smart terminals, developers and integrators across Asia are increasingly turning to Audfly Technology's Alpha series of modular directional sound modules. With recent releases like Alpha22, Alpha43, Audfly is offering a flexible hardware solution that combines fast deployment with performance tailored to real-world acoustic challenges.

From public check-in kiosks to self-service retail systems, [directional sound](#) is gaining traction not only as a tool for managing environmental noise, but as a way to improve user interaction, preserve privacy, and streamline device design. The Alpha series, developed by Audfly Technology, is designed to meet these goals through standardized interfaces, scalable configurations, and plug-and-play compatibility with existing embedded systems.

“You don't often find audio hardware that's ready to go, right out of the box,” said Dr. Eva Müller, a human-machine interface (HMI) consultant based in Berlin. “Audfly's modules help shift sound from a

design bottleneck to an integration asset. Developers can focus more on experience design and less on hardware calibration.”

Real-World Feedback from Asia-Based IntegratorsIn eastern China, a systems team working on a municipal self-service project reported that integrating Alpha modules into their kiosks helped create focused sound zones while reducing reliance on enclosed speaker systems.

“The technology allowed us to deliver voice prompts only where needed — directly in front of the user — without leakage to nearby booths,” noted one of the engineers. “That not only improved privacy but simplified the housing design.”

In Japan, a team specializing in retail automation used Alpha43 in a new line of compact check-in devices. According to their development lead, the standardized physical and electrical interfaces meant minimal mechanical rework, and audio tuning was completed more efficiently than expected.

Combining Focused Playback and Voice Pickup

While the directional speaker modules are the core offering, Audfly also provides complementary directional microphone units for capturing voice commands accurately — even in noisy environments. Together, these form a dual-directional solution that enables hands-free, voice-guided user interaction, ideal for AI-powered kiosks, hospital terminals, and smart customer service points.

“With focused playback and intelligent pickup working together, the system ensures that both what the user hears and says stays in the zone,” Müller added. “It’s a big win for privacy and clarity.”

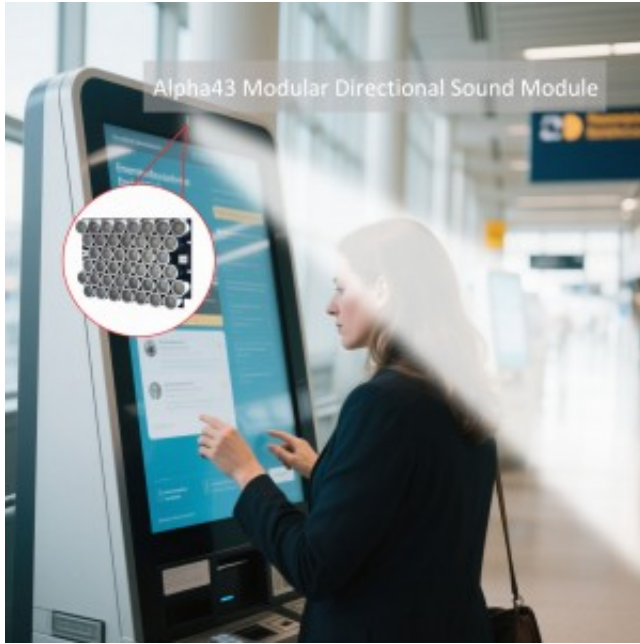
Developer-Oriented Architecture

Built specifically for fast integration, the Alpha modules can be used individually or configured into multi-unit arrays for wider sound coverage. They support a variety of mounting options and require minimal acoustic tuning, allowing teams to cut down development cycles and meet deployment deadlines more easily.

“Audio used to be the part we left until last because it slowed us down,” said Leo Tanaka, a Tokyo-based industrial systems engineer. “Now, it’s one of the first modules we integrate — because it just works.”

About the Alpha Series

The Alpha series from Audfly Technology includes a range of ultrasonic [directional sound modules](#) tailored for use in kiosks, terminals, healthcare displays, and digital signage. Designed for plug-and-play installation, clear sound projection, and optional voice input modules, the Alpha lineup delivers a reliable, scalable [kiosk audio solution](#) for developers building the next generation of interactive systems.



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