



ATMOSPHERE™

AtlasIED's Atmosphere platform sets a new standard for digital audio with multi-zone processors, amplifiers, and a variety of accessories. Touchless control, easy-to-program automation, and artificial intelligence offer integrators and users an effortless way to create the perfect Atmosphere for their business.

FEATURES/BENEFITS



Touchless Control

Chosen users can control pre-authorized aspects of the system from their personal mobile device. Individual device control is cleaner and more hygienic than utilizing public control hardware.



Smart DSP with Ambient Noise Compensation

Atmosphere algorithms set a new standard for the way digital audio systems compensate for ambient noise enabling it to continually learn and adapt to changes in the environment without using external microphones.



Automated Message Player and Bell Scheduler

Operational effectiveness and efficiencies are improved by dispatching pre-recorded messages according to a schedule, or triggered by an input device, such as an ambient noise sensor, or volume/source/zone selections.



Simple Programming & Intuitive GUI

Atmosphere is easily setup with a web browser. No proprietary software to download. The GUI is refreshingly intuitive and allows for design freedom without requiring days of training seminars to learn how to program, install, and deploy a system.



Room Combine

Combine audio settings of adjacent rooms or zones, as in expandable banquet halls or conference centers. Room combinations are easily configured in Atmosphere's UI to share the same source, volume, and controls.



Accessory Self-Heal

Quickly and easily replace any Atmosphere accessory without the need to reprogram. Simply plug the network cable into a new unit and the AZM processor will automatically reinstall the same settings as the accessory it replaced.



AZM4



AZM8

DIGITAL AUDIO PROCESSORS

At the heart of an Atmosphere audio control system are 4 and 8 zone AZM processing powerhouses featuring powerful DSP combined with innovative algorithms, a built-in message player, bell scheduler, virtual wall controllers, and learning ambient noise sensing. Programming is made simple through a modern, on-board web interface. Built around Progressive Web App technology, the control interface is device agnostic, responsive, and meticulously designed for an ideal user experience without sacrificing design freedom.



A-XLR



A-RCA



A-BT



C-V



C-ZSV



X-ANS



X-GEM

AUDIO INPUT, CONTROL, & MONITORING ACCESSORIES

Expanding upon the AZM processor's capabilities are six plug-n-play, smart Wall Plate accessories. Three mono audio input plates (balanced Mic/Line XLR, dual RCA stereo summed with 3.5mm, and Bluetooth®), two different controllers (simple and advanced), and one sensor for Ambient Noise Compensation & Loud Noise Detection. Any control accessory can be daisy chained on a single cable digital bus up to a 1000ft run and assigned to any zone, reducing installation wiring time and complexity.



AZA 404



AZA 808

DIGITAL AMPLIFIERS

Atmosphere 400 & 800-watt amplifiers are designed to interface with other products within the family and can be used in 70V, 4Ω or 8Ω mode, or a combination of the two. They come standard with four balanced line inputs and an accessory slot for an optional four-channel Dante™ receiver card (model DPA-DAC4), for a total of up to eight inputs. All inputs can be mixed and routed to any of the four amplifier channels. All four amplifier channels have an assortment of advanced DSP tools.