



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.



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.



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.



Sound Masking

Used in corporate, healthcare/clinical, and other settings, sound masking helps cover speech for enhanced speech privacy and reduce distracting office noise for increased focus and productivity.



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.



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.



DIGITAL AUDIO PROCESSORS

At the heart of an Atmosphere audio control system are 4 and 8 zone processing powerhouses with or without on-board amplification and featuring powerful DSP combined with innovative algorithms, a built-in message player, bell scheduler, self-test system capabilities, 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.



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.



PAGING CONSOLE

The X-ZPS is an advanced multi-zone paging station accessory natively compatible with Atmosphere processors. Like all Atmosphere accessories, the X-ZPS is plug-and-play using CAT5e cable and daisy-chainable with other accessories up to 1,000 feet. With a 4.3-inch touchscreen display for easy Zone, Group, or All Call paging using the included premium gooseneck microphone, it can also be configured as a full Atmosphere system controller.



AUDIO INPUT, CONTROL, & MONITORING ACCESSORIES

Expanding upon the 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.