Airlight
THINKING AHEAD

Addressable Speaker Driver Module

Model - AA104SPD

The Airlight Addressable Speaker driver module is specifically designed to ensure compatibility with third-party speakers chosen by customers to meet their specific requirements. It is tailored for voice alarm and public address systems, with a strong emphasis on firesafety compliance and user-friendly operation. What sets it apart from others is its exclusive two-wire technology.

Key features of the Airlight Addressable Speaker driver module:

1. Compliance: Designed to meet NBC 2016 part 4,Clause 4.9 C regulations for voice alarm and public address systems.

2. Addressable Capability:
The addressable feature facilitates targeted announcements. Users can manually select specific areas to broadcast announcements using the control panel's touch screen display. Additionally, the system can automatically trigger voice alarms in response to fire detection. This capability enables precise communication and notification in desired zones or locations within the building, ensuring effective dissemination of important information during emergency situations.

3. Undisturbed Operation: When connected in parallel, only intended sounder beacon is activated for audio alarm. ensuring the rest remain undisturbed.

4. Flexible Activation: Supports both Zone call and all call activation options, providing flexibility in system control.

5. Loop-Powered Operation: Operates on a loop-powered, two-wire system, allowing for device monitoring, audio signaling, and power transmission through the same wires.

6. Simplified Wiring: Eliminates the need for separate cables, simplifying the connection process with call points and detectors wiring.

7. Device Integrity Monitoring: Includes device integrity health and connectivity fault monitoring to enhance the reliability of the system.

8.Addressable Control and Monitoring: Enables targeted control and monitoring of individual devices within the system.

Other Airlight standard features includes soft addressing, electrical supervision and transient voltage protection 2.4KV
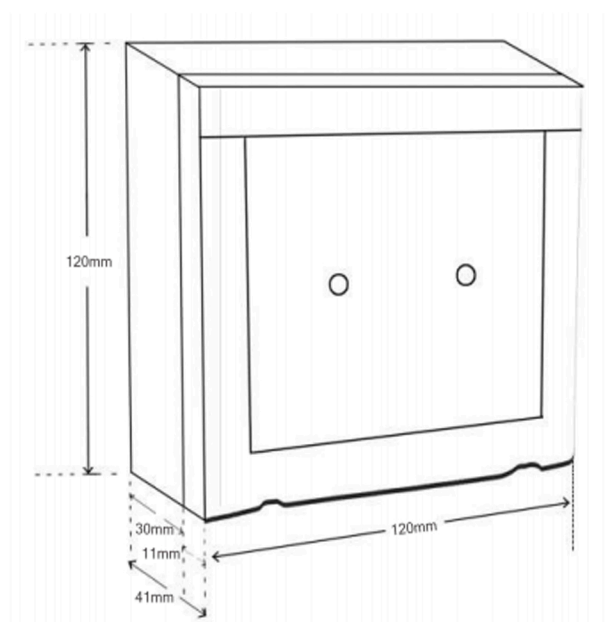
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The Airlight Addressable Speaker driver module offers a comprehensive and efficient solution for voice alarm and public address systems, ensuring compliance with fire safety regulations while providing ease of use. Its exclusive two-wire technology, along with features such as addressable capability, undisturbed operation, and provision for automated voice alarm for fire warning, makes it a reliable choice for customers seeking seamless integration, optimized performance, and efficient control options

Speaker Driver Module

120mm

30mm
11mm
41mm
120mm

Electrical specifications

Operating voltage	18-24V DC
Quiescent current	200 µA
watts	15w(capacity)
Voice current	300mA (max)

General specifications

Operating temperature	-10ºC to 55ºC
Storage temperature	-10ºC to 60ºC
Humidity	0-95% RH (Non-condensing)
Colour	Red

Indications

Normal indicator	Red LED Blinks during scan (Blinking)
On activation	Red LED (Steady glow)

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