

## Algo 8186 Horn Speaker



Product Name: Algo 8186 Horn Speaker

Manufacturer: Algo

Model Number: Algo-8186

Algo 8186 Wideband IP Voice Paging, Loud Ringing & Emergency Alerting Horn Speaker  
The Algo 8186 is a PoE wideband SIP horn speaker which is weatherproof and suitable for voice paging, loud ringing and emergency/safety/security notification and alerting in both indoor and outdoor environments. Complete with an IP66 rated outer casing, this device can be installed in harsh environments without compromising audio quality.

Algo 8186 Speaker Key Features

- Wideband G.722 codec support for HD Voice
- Multicast for cost effective scalability
- Internal memory for uploaded WAV files or recorded messages
- Dual SIP extensions for page or notifications
- PoE (Power over Ethernet) / IP66 rated
- Mix with any number and model of Algo speakers, strobes and/or paging adapters using multicast (e.g. 8128, 8180, 8186, 8188, 8301, 8373) for a complete voice paging system
- Syn-Apps SA-Announce
- SIP compatibility with all leading UC vendors including: Avaya, Broadsoft, Cisco, Digium/Asterisk, Mitel, Metaswitch, NEC, and Polycom to name a few

Providing the ideal solution for loud, spacious environments such as factories, warehouses, outdoor work yards and schools. The Algo 8186 features wideband G.722 codec support for optimum speech clarity and intelligibility. With an integrated microphone which enables talkback and listens to ambient noise, the speaker automatically increases page volume when necessary. This feature ensures a consistent ratio of page to ambient noise is maintained. With dual SIP extensions the speaker supports both voice paging and notification in one end point.

8186 SIP Horn Speaker Technical Specification

General

- Power Input 48 V PoE IEEE 802.3af Class 0 (Max 12.95 W - Idle nominal 2.0 W)
- Speaker Double re-entrant horn speaker, 11" x 6 5/8" (30cm x 16.8cm) rectangular.
- Audio Codecs G.711 A-law, G.711 u-law, G.722, Polycom Group 1
- SIP Registrations for Page (50) or Ring/Alerting (10) extensions
- Multicast Receive or transmit
- Server Redundancy Primary, secondary, tertiary
- Processor Linux OS ARM Cortex-A8 32-Bit RISC Processor
- Frequency Response 350 – 9,000 Hz (-10 dB)
- Sensitivity 110 dBA 1m/1W (1 kHz)
- Dispersion Angle: 76H x 51V (2 kHz -6dB); Oriented Vertically 11" x 6 5/8" Wide
- Microphone Electret omnidirectional wideband
- Audio Delay 1 to 1000 ms selectable for synchronization
- Audio Processing Filtering, normalization, compression
- Audio Memory 1 GByte
- Relay Output Normally open or normally closed. Max rating 30 V 50 mA
- Relay Input Normally open or normally closed dry contact supervision. Algo 1202 Call Button, Algo 1203 Call Switch, EOL resistor termination.
- Relay Input Current Draw Detection Thresholds: Normally Open (>4mA Active), (<4mA Idle), (N/A Tamper) Normally Open with Supervision (>20mA Active), (4-20mA Idle), (<4mA Tamper) Normally Closed (<4mA Active), (>4mA Idle), (N/A Tamper) Normally Open with Supervision (4-20mA Active), (>20mA Active Idle), (<4mA Tamper) Nominal 12V source, current limited to 40mA. Typical supervision resistor value = 1k ohm.

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• Configuration Web interface or auto-provisioning server  
• Provisioning TFTP, FTP, or HTTP  
• Supervision SNMP  
• NAT STUN, CRLF Keep Alive  
• Environmental -40 to +122 deg F (-40 to +50 deg C); Suitable for outdoor and wet environments when properly installed.  
• Dimensions 11.8" x 6.6" x 10.2" (30cm x 16.8cm x 25.8cm)  
• Mounting Wall, ceiling, or double gang electrical box  
• Aim Adjustment Three axis  
• Weight 6 lb (2.7 Kg)  
• Compliance EN60950:2001, IEEE 802.3-2008, RFC3261, RoHS, CE, FCC Class B, CISPR 22 Class B, CISPR 24, CSA/UL (USA & Canada)

**Price: £432.20**