Wideband Audio for Clear and Intelligible Voice Paging and Notification.

The Algo 8186 SIP Horn Speaker features dual SIP extensions for voice paging and notification capability. One or both extensions can be registered with any premise or hosted Communication Server supporting 3rd party SIP endpoints.

Wideband G.722 codec support provides optimum speech clarity and intelligibility in an HD Voice environment. Voice paging and notification announcements are easier to understand, particularly in noisy environments.

Scalable and cost effective, the 8186 multicast capability allows a SIP registered speaker to simultaneously stream audio to additional speakers, while actively voice paging or playing a WAV file from memory. No additional SIP licences or paging server are required.

The integrated microphone enables talkback and listens for ambient noise to automatically increase speaker volume when necessary. An auxiliary input allows an optional wall button to initiate a SIP call or generate an announcement.

The 8186 SIP Horn Speaker is weatherproof and suitable for both indoor and outdoor locations when properly installed. Once deployed, the 8186 is easily managed using an intuitive web interface and supports auto-provisioning for minimal touch configuration.

Specifications:

Power Input:	48 V PoE IEEE 802.3af Class 0 (Max 12.95W - Idle nominal 2.0W)
Speaker:	Double re-entrant horn speaker, 11" x 6 5/8" (30cm x 16.8cm) rectangular.
Amplifier:	Internal, Class D
Audio Codecs:	G.711 A-law, G.711 u-law, G.722, Polycom Group Page (other codec support available on request).
SIP:	50 Page extensions 10 Notification (Alerting) Extensions
Multicast:	Receive or Transmit
Server Redundancy:	Primary, secondary, tertiary
Processor:	Linux OS ARM Cortex-A8 32-Bit RISC Processor
Freq Response:	350 – 9,000 Hz (- 10 dB)
SPL:	116 dBA @ 1m (1 kHz sine wave)
Dispersion Angle:	76H x 51V (2 kHz -6dB) Oriented Vertically 11" tall 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.
Configuration:	Web interface (HTTP or HTTPS) or auto-provisioning server.
Provisioning:	TFTP, FTP, HTTP, HTTPS
Supervision:	SNMP
NAT:	STUN, CRLF Keep Alive
Environmental:	-40 to +122 deg F (-40 to +50 deg C); Designed to meet IP66 requirements. 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)
Horn & Enclosure:	UV stabilized and/or painted outdoor rated plastic with stainless steel mounting hardware.
Mounting:	Wall, ceiling, or double gang electrical box. Pole mount bracket available.
Aim Adjustment:	Three axis
Weight:	6 lb (2.7 Kg)

Ultimate Flexibility: Three axis rotation for widest range of vertical and horizontal adjustments - wall or ceiling mount. Suitable for outdoor and wet environments when properly installed with included mounting gaskets.

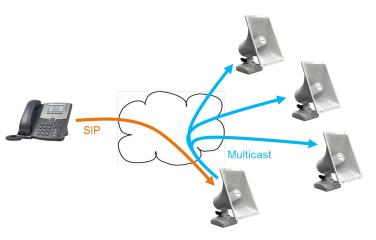## Order Code:

8186 SIP Horn Speaker Gray

Optional Accessories:

1202   1203

Multicast for scalability

SIP

Multicast

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