



Wideband Audio for Clear and Intelligible Voice Paging, Notification, and Music.

The Algo 8188 SIP Ceiling 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 8188 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.

For ease and simplicity, the PoE blind-mount speaker installs quickly into the ceiling, and announces its static or DHCP IP address for access to the intuitive web interface. Additionally, the 8188 speaker supports auto-provisioning for minimal touch configuration.

Key Features

PoE Powered:	48 V PoE IEEE 802.3af Class 0 Max 12.95 W - Idle nominal 2.5 W
SIP	Up to 50 Paging Extensions Up to 10 Ring/Notification Extensions UDP, TCP, TLS, RTP, SRTP
Multicast	SIP to Multicast Broadcast and Receive 50 Zones standard RTP. Polycom Group Page 25 Zones
Device Configuration	Web Interface or Provisioning Server
Relay Input	Normally open or normally closed dry contact supervision. Compatible with Algo 1202, 1203, and 1204 Accessories.
Relay Output:	Normally open or normally closed. Max rating 30 V 50 mA

SIP

Extensions	50 Page & 10 Alerting/Ring extensions with multicast scalability
Transport Protocols	UDP, RTP, TCP
Security	TLS, SRTP, Mutual Authentication

Multicast & Third Party Compatibility

RTP Multicast (Send & Receive 50 zones)

Poly™ Group Page

Singlewire InformaCast (Requires license)

Syn-Apps Revolution

Audio

Audio Codecs	G.711 A-law, G.711 u-law, G.722,
Driver	6.5" (16.5 cm) Coaxial UV stabilized
Driver Response	55 – 18,000 Hz (- 10 dB)
Driver Sensitivity	88 dBA 1m/1W (1 kHz)
Max Audio Power	8 Watts
Dispersion Angle	140° (2 kHz -6 dB)
Audio Memory	1 GByte
Microphone	Omni-directional, talkback and ambient noise monitoring
Audio Controls	Volume, AGC, Latency, LF Cut
Anti-Feedback Delay	Cache to memory and release

Network

Network	IPv4, DHCP, VLAN, MDNS
Link Layer	LLDP, CDP
QoS:	DSCP (SIP, RTP, RTCP)
Web Interface:	HTTP, HTTPS



Heavy duty UL2043 compliant housing protects speaker and circuitry against dust and condensation. Integrated attachment for optional ¼" 20 eye bolt ceiling suspension. RJ45 jack and IO Connector are hidden once installation is complete.

Order Codes:

8188	Speaker white grill and trim ring
8188B	Speaker black grill and trim ring
8188TBR	Optional ceiling tile support bracket
8188T2X2	Optional 24" x 24" drop-in panel
1202	Optional High Visibility Call Switch
1203	Optional Single Gang Call Switch
1204	Optional Volume Control



1202



1203



8188B



8188TBR