

Algo Paging Adapter and Speakers

Voice Paging and Emergency Announcements



Product Sheet: UCaaS

Voice paging and emergency announcements must be easy to provision with a cloud IP environment while remaining clear, intelligible, and easy to understand in a noisy situation. Masergy is proud to partner with Algo, a leading manufacturer of IP endpoints.

The IP Voice Paging System

The Algo IP Voice Paging System is a network-based solution that integrates into any SIP-enabled telephone system. A variety of speakers (ceiling/horn) and paging adapters are available to suit any public address application requirement whether for a single room or large enterprise/campus environment.

The speakers are Power over Ethernet (PoE 48V, IEEE802.3af, Class 0) and connect to the network via RJ45

HD Voice Support and Multicast Ability

All Algo IP speakers support G.711 and Wideband (HD Voice) G.722 codecs and provide a seamless paging interface for cloud-based telephone systems.

Algo speakers can be deployed from one to many and can be integrated with Algo IP strobes and adapters in any combination.

Multicast allows for multiple amplifier scalability and receive/transmit capabilities are universal to all speakers, strobes, and adapters.

Features

- Seamless paging interface
- Integrates with any SIP-enabled system
- SIP-enabled, PoE connection

Benefits

- Simplicity in provisioning
- Clear and intelligible in noisy environments
- Universal receive and transmit

IP Integration of Legacy Analog Amplifier



Algo 8301 Paging Adaptor

The 8301 is a Power over Ethernet (PoE) IP Paging Adapter for integrating legacy analog voice paging systems into a cloud UC environment as a network-managed and supervised SIP multicast endpoint.

The 8301 provides defined audio output levels which ensure the highest level of clarity. Speech enhancement is provided by automatic level control, choice of frequency masks, and optional speech compression. The output level is compatible with consumer, commercial, and pro-audio amplifiers requiring either -10 dBm, 0 dBm, or +4 dBu line level.

Features

- Integration with analog voice paging into a cloud UC service
- Automatic speech level control
- Intuitive web-based provisioning

Benefits

- High clarity speech output
- Simplified customization and scheduling
- Extend features of existing infrastructure

Configuration, Input, and Output

The 8301 provides balanced audio output using both an XLR connector and terminal block for easy connection to an amplifier, along with a dry contact closure if required by the amplifier. Customer is responsible for installation. Configuration and support are provided by Masergy.

The 8301 and scheduled announcements, tones, and bells are configured using the intuitive web interface and provisioning capabilities.

Audio input (also balanced and isolated to prevent equipment ground loops) can be used for auxiliary input or insertion of the 8301 between existing equipment. This allows IP based paging or emergency notification to take control of the amplifier as necessary.

PoE Switch to power the speaker(s) and network connectivity is required for multicast or registration as a third party SIP endpoint.



Algo 8188 SIP Ceiling Speaker

The 8188 SIP Ceiling Speaker is a PoE speaker for high intelligibility voice paging or notification. One SIP extension activates a tone or plays an audio file from a ring event, and one SIP extension auto-answers for paging.

The 8188 is easily scalable, and includes an integrated microphone. It is compatible with all varieties of Algo speakers, paging adapters and strobes for comprehensive alerting.

This multifunctional speaker can be used for voice paging, emergency notification alerting, bell scheduling applications, and background music.



Algo 8186 SIP Horn Speaker

The 8186 SIP Horn Speaker is a weatherproof PoE horn speaker for loud ringing, notification, and voice paging in large spaces or outdoors. It is compatible with all varieties of Algo speakers, paging adapters and strobes for comprehensive alerting.

One SIP extension activates a tone or plays an audio file from a ring event, and one SIP extension auto-answers for paging.

The Horn Speaker is easily scalable and includes an integrated microphone. It is suitable for outdoor and wet environments when properly installed with included mounting gaskets. Three axis rotation allows for the widest range of vertical and horizontal adjustments in a wall or ceiling mount.