



Algo

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[Algo Products](#)

Algo manufactures network based IP audio and video communication products for integration with VoIP Unified Communications (UC) and mass notification software platforms. Supporting SIP and multicast, the portfolio includes IP speakers, paging adapters, strobe lights and access control intercoms.

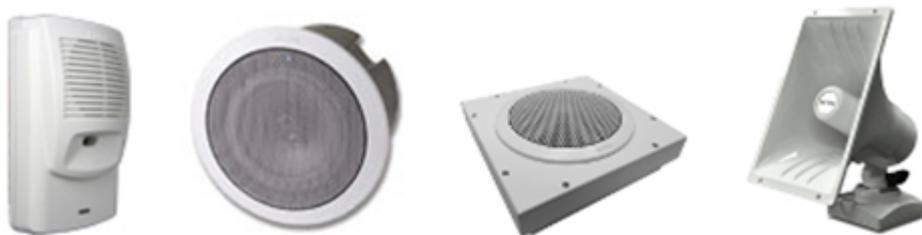
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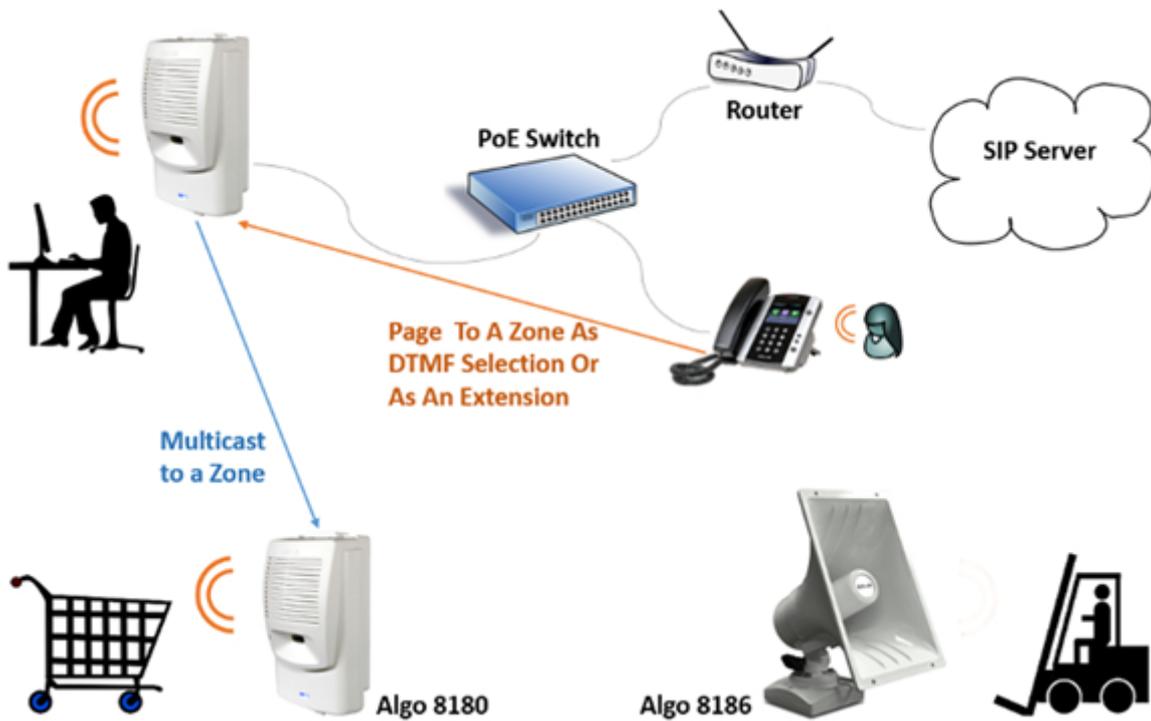
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P.A System

The Alfo IP voice paging system is a network based solution which integrates into any SIP enabled telephone system. A variety of speakers and paging adapters are available to suit any public address application requirement, whether it is a single room or large enterprise/campus environment.



Any combination of Algo speakers can be deployed from one to many. There is no limit to the scale of the solution. The speakers are PoE and connect to the network via RJ45. no amplifier id required and other than a PoE switch to power the speaker and network connectivity for multicast or registration as a third-party SIP endpoint, no other hardware or software is required to operate the paging system. All Algo IP speakers support G.711 band wideband G.722 codecs, and work with hosted/cloud and premise-based telephone systems.



### Emergency Notification Alerting

All Algo speakers support registration for Ring extensions. Typically, this is used for loud ringing, however, other types of alerting are possible. Any device in the UC environment calling the speaker's Ring extension will activate playing a custom WAV file when the extension is configured for ring/announcement activation only.

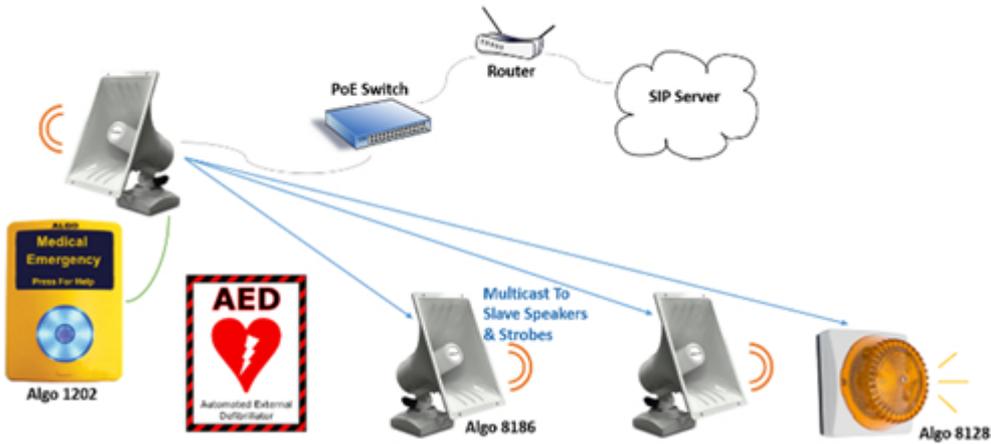
Up to 10 ring extensions are available to register on a single Algo speaker adapter, allowing for different types of emergency notification alerting to occur when a specific Ring extension is called on the endpoint. Only the wav file configured for a given Ring extension will play when called. A Call to Cancel feature in the endpoint will allow the alert to paly continuously for the duration of the event, until a designated extension registered to the speaker or adapter is called to stop the alert.

All Algo speakers, paging adapters and strobes can receive a multicast for such emergency alerting. Deployments for larger mass notification applications can easily incorporate Algo visual and audible notification endpoints, and seamlessly integrate legacy analogue infrastructure via paging adapters, if required.



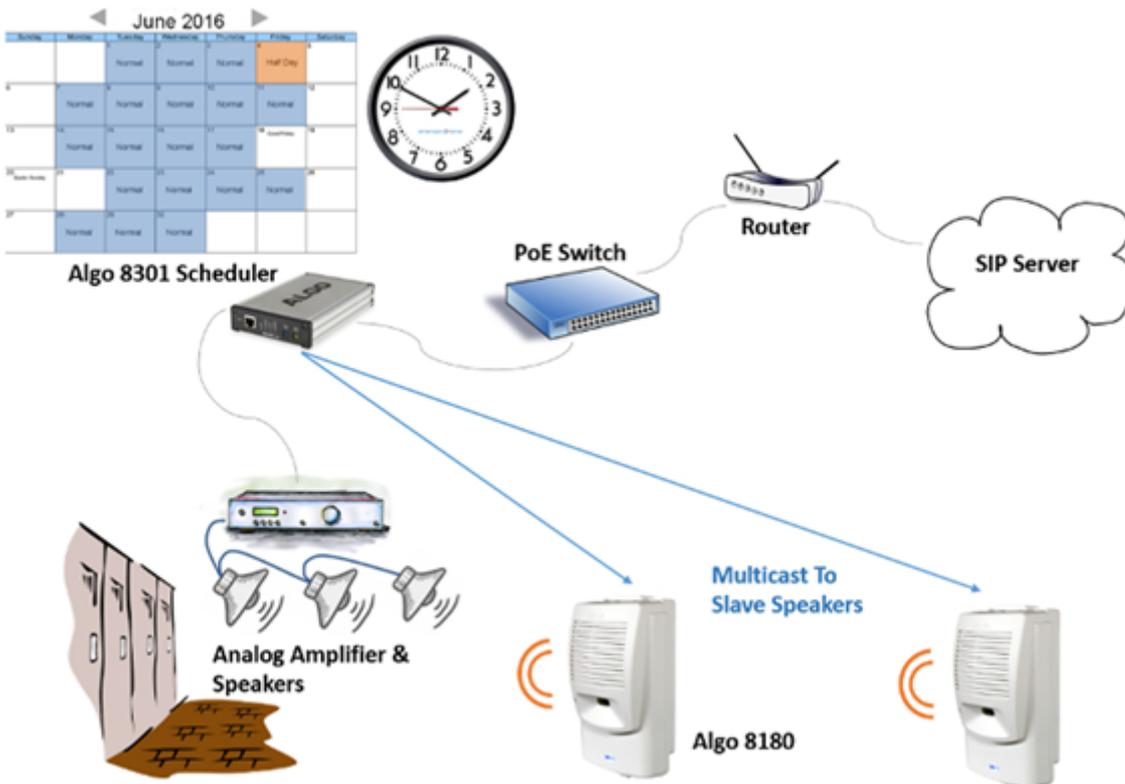
Push buttons can also be used to activate emergency alerts, an auxiliary input is available to permit a wall button or external switch to relate to a single twisted pair. Any type of button providing a contact closure can be used for this application. The button can be configured on the endpoint device in three different ways;

1. Initiate a SIP call for two-way communication
2. Dial an extension and play an announcement saved as a WAV file in the device
3. Play and/or Multicast a WAV file for notification alerting



Scheduled Bells, Tones, Announcements and Music

A Scheduler for automating the playing and multicasting of WAV files can be easily integrated into the Algo voice paging system using the 8301 endpoints. This device used the NTP server to synchronize with IP clocks, and is ideal for schools, retail, healthcare, and workplace shift changes, breaks etc. Any combination and number of Algo endpoint speakers are compatible with the 8301 to receive a multicast. The audio available from the 8301 can also be simultaneously played via its Line Out integrate a legacy analogue amplifier.



Note: The 8301 also offers a 3.5mm Aux in for playing and/or multicasting music form an iPod or similar device.

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