



# Product Catalog

**ALGO**

# Algo Introduction

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- Manufacturer of IP Endpoints: Speakers, Intercoms, Visual Alerters
- Endpoints certified with leading UC, Collaboration, and Emergency Notification Platforms
- Long history in telephony and hardware development. Founded 1968. Products manufactured in Vancouver, Canada



**IP Paging | Alerting | Intercom**

1

## Critical Safety or Security Function



2

## Common Infrastructure



- Voice, Data
- Security
- Paging
- Operational Technology

3

## Network Configurable for Remote Management



- Ease of Management
- Supervision
- Improved Installation

4

## UC Compatible



# Algo Solutions Overview – IP Endpoint Suite

**ALGO**

**IP Voice Paging**



**IP Audio Alerting**



**IP Intercoms**



**Visual Notification**



**Monitor & Manage**



**Scheduling & Music**





# Product Key

**ALGO**

## IP SPEAKERS

## IP PAGING ADAPTERS



[8180 SIP Audio Alerter](#)



[8186 SIP Horn Speaker](#)



[8188 SIP Ceiling Speaker](#)



[8189 SIP Surface Mount Speaker](#)



[8190 SIP Speaker – Clock](#)



[8190S SIP Speaker – Clock & Visual Alerter](#)



[8198 SIP PoE+ Ceiling Speaker](#)



[8196 SIP PoE+ Horn Speaker](#)



[8301 SIP Paging Adapter & Scheduler](#)



[8373 SIP Zone Paging Adapter \(3 Zones\)](#)

## IP INTERCOMS / DOORPHONES

## IP ENDPOINT SUPERVISION



[8201 SIP PoE Intercom](#)



[8208 SIP Doorphone \(Controller + Intercom\)](#)



[8036 SIP Multimedia Intercom](#)



[8039 SIP Video Mullion Intercom](#)



[8063 IP Door Controller](#)



[8300 Controller](#)

## IP VISUAL ALERTERS



[8128 SIP Strobe Light](#)



[8138 IP Color Visual Alerter](#)

## ACCESSORIES



[1198 Satellite Ceiling Speaker](#)



[1196 Satellite Horn Speaker](#)



[1202 Call Button](#)



[1203 Call Switch](#)



[1204 Volume Control](#)



[1205 Audio Interface](#)



[2507 Ring Detector](#)



# IP Speakers

**ALGO**



## Wall Mount IP Speaker for Voice Paging, Emergency Alerting & Loud Ringing

The Algo 8180 Audio Alerter is a SIP compliant PoE network audio device for loud ringing and voice paging applications using dual endpoints.



### Key Features

- Wideband HD voice for high intelligibility speech
- Talkback capable speaker
- Secure SIP (TLS & SRTP)
- Ambient noise compensation to automatically adjust output level
- PoE (Power over Ethernet)
- Pre-loaded with several ring tones including bell, chime, gong, and buzzer
- Supports custom uploaded WAV or MP3 files for page pre-alert and notification
- Multicast receive or broadcast capability



### Links & Resources

[Product Sheet](#)[User Guide](#)[Firmware](#)

# 8186 SIP Horn Speaker

**ALGO**

## Outdoor rated and weatherproof IP Horn Speaker for Voice Paging and Notification

The Algo PoE 8186 SIP Horn speaker can be suitable for both indoor and outdoor locations. It is easily managed using an intuitive web interface and supports auto-provisioning for minimal configuration.



### Key Features

- Multicast send or receive capability for cost effective scalability
- SIP Compatibility with leading UC platforms.
- Suitable for outdoor and wet environments when properly installed with included mounting gaskets
- Three-axis rotation for widest range of vertical and horizontal adjustments - wall or ceiling mount
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

# 8188 SIP Ceiling Speaker

**ALGO**

## Wideband IP Ceiling Speaker for Voice Paging, Emergency Alerting & Playing Music

Designed for drop ceilings, the Algo PoE 8188 is ideal for hallways and common areas in education, retail, hospitality, health care and commercial office spaces.



### Key Features

- Excellent capability for playing background music, supporting super-Wideband frequency response
- Multicast scalable
- Ambient noise responsive
- SIP Compatibility with leading UC platforms
- Wideband G.722 codec support for HD Voice
- Microphone for hands-free talkback / intercom
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

# 8189 SIP Surface Mount Speaker

**ALGO**

## Surface Mount Ceiling Speaker for Voice Paging, Emergency Alerting & Playing Music

The Algo PoE 8189 SIP Surface Mount Speaker is identical to the 8188 SIP Ceiling Speaker, however, it is for indoor surface mount ceiling or wall applications.



### Key Features

- Music capable speaker supporting Super-Wideband frequency response
- Multicast scalable
- Ambient noise responsive
- SIP Compatibility with leading UC platforms
- Wideband G.722 codec support for HD Voice
- Microphone for hands-free talkback / intercom
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP)



### Links & Resources

[Getting Started](#)

[User Guide](#)

[Firmware](#)

## IP PoE Paging Speaker & Clock for Classroom and Commercial PA Systems

This all-in-one speaker offers superior audio clarity and intelligibility through a four-speaker line array, and delivers asymmetric sound dispersion with better sound distribution. Ideal for school classrooms, cafeteria spaces, or waiting areas.



### Key Features

- Four-speaker line array
- Integrated digital clock that automatically synchronizes with network time
- Talkback capable speaker with embedded microphone and call button
- SIP and Multicast capable
- Wideband HD Voice for high intelligibility speech
- Dynamic volume control responsive to ambient noise levels
- Secure SIP using TLS and SRTP
- Configurable through web interface
- PoE (Power over Ethernet)



### Links & Resources

[Product Sheet](#)[User Guide](#)[Firmware](#)

# 8190S SIP Speaker – Clock & Visual Alerter

**ALGO**

## IP Paging Speaker – Clock & Alerter for Classroom and Commercial PA Systems

The Algo PoE 8190S integrates proven technology from Algo IP Speakers and strobe lights into a single wall mount unit. This speaker was designed for education but it is suitable for any application requiring crisp clear audio with high visibility clock and visual alerting.



### Key Features

- Four-speaker line array
- LED Visual Alerting and Strobe
- Integrated digital clock that automatically synchronizes with network time
- Talkback capable speaker with embedded microphone and call button
- SIP and Multicast capable
- Wideband HD Voice for high intelligibility speech
- Dynamic volume control responsive to ambient noise levels
- Secure SIP using TLS and SRTP
- PoE (Power over Ethernet)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

# 8198 SIP PoE+ Ceiling Speaker

**ALGO**

## IP PoE+ Ceiling Speaker with Satellite Extension Technology for IP Paging More Cost Effective

The Algo 8198, with a proprietary method of connecting and supervising multiple 1198 satellite speakers which reduces required network ports and cable drops while maintaining all the benefits of IP paging. Ideal for large deployment in schools, airports and offices.



### Key Features

- Fully supervisable
- Web GUI configurable and centralized provisioning
- IP Multicast scalable
- Ambient noise responsive
- Talkback capable
- PoE+/PoE powered
- Significant savings when combined with [1198 satellite speakers](#)
- Secure SIP using TLS and SRTP
- RJ45 output connector for satellite speaker(s)
- Configurable through web interface



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Power Output](#)

# 8196 SIP PoE+ Horn Speaker

**ALGO**

## IP PoE+ Horn Speaker with Satellite Extension Technology for IP Paging More Cost Effective

The Algo 8196, with a proprietary method of connecting and supervising up to three 1196 Satellite Horn Speakers which reduces required network ports and cable drops while maintaining all the benefits of IP paging. Suitable for both indoor and outdoor locations.



### Key Features

- Fully supervisable
- IP66 outdoor-rated
- Web GUI configurable and centralized provisioning
- IP Multicast scalable
- Ambient noise responsive
- Talkback capable
- PoE+/PoE powered
- Flexible deployment as homerun IP speakers or in combination with satellite speakers
- Significant savings when combined with [1196 satellite speakers](#)
- Secure SIP using TLS and SRTP
- RJ45 output connector for satellite speaker(s)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Power Output](#)



The background features a dark teal color with a network of glowing blue lines and dots. On the left side, there are two overlapping teal geometric shapes: a triangle pointing downwards and a trapezoid pointing to the right.

# IP Intercoms & Doorphones

**ALGO**

## IP PoE Intercom For Door & Gate Entrances, Access Points & Room Intercom Applications

The Algo 8201 SIP Intercom is an IP doorphone for hands-free visitor communication at a secure entrance door or gate, access point and room intercom applications. Ideal to control access points to elevators, secure areas such as a day care, hospital ward, lab or data center.



### Key Features

- Seamless relay activation via telephone keypad for secure door or gate entry
- Outdoor rated IP65
- Door sensor input
- Door control relay output
- Wideband HD voice for high intelligibility speech
- One piece solution alternative to the popular 8028 SIP Doorphone
- Surface or flush mount
- Secure SIP using TLS and SRTP
- Configuration via user friendly web interface or auto-provisioning
- PoE powered



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

## IP Doorphone with Secure Door / Gate Control Relay – Easy Retrofit Solution for Analog Systems – PoE

The Algo 8028 is a PoE IP Intercom for hands-free visitor communication at a secure entrance door or gate. This IP doorphone is a two-piece solution including controller + intercom secures the access control relay and the network connection.



### Key Features

- Seamless relay activation via telephone keypad for secure door or gate entry
- Single pair wiring for easy retrofit of legacy intercoms
- Outdoor rated IP65
- Secure door control relay (DTMF) via separate controller
- Surface or flush mount
- Supervised link to intercom station monitors fault conditions to minimize down time
- Secure SIP using TLS and SRTP
- Wideband HD voice for high intelligibility speech



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

## IP Video Intercom with Touch Screen for Door & Gate Entry, Unattended Lobby & Kiosk Applications – PoE

This IP video intercom combines the functionality of an IP phone, security camera and interactive kiosk via a touch screen interface. Deployed where business branding, kiosk or multiple call option information is required for hands-free audio & video visitor communication.



### Key Features

- Dual microphones
- Remote door release
- Customizable graphic display
- One or two-way video support via video phone or web browser
- PoE powered
- Outdoor rated – IP54 weather resistant
- Secure SIP using TLS and SRTP
- Seamless relay activation via telephone keypad for secure door or gate entry using [8063 controller](#)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Quick Start Guide](#)

## IP Video Mullion Intercom with Wide Field of View Camera – PoE

The Algo 8039 with an angle video intercom is designed for hands-free visitor communication at a secure door entrance framed in mullion. Its narrow footprint is ideal for installation on mullion door frames, however, it can be mounted to any surface for intercom communication.



### Key Features

- Mullion mount form factor
- 180 degree H.264 video
- Keypad entry
- Outdoor rated – Type 3R (IPX3)
- Web video
- Wideband HD voice for high intelligibility speech
- Secure SIP using TLS and SRTP
- Auto-attendant capability
- Configuration via user friendly web interface or auto-provisioning
- SIP / PoE powered



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

## IP Digital IO Module for Door Control & Automation

The Algo 8063 IP Door Controller is a compact and capable PoE powered digital IO interface designed specifically for door opening control and IP integration with legacy facility infrastructure. The 8063 is fully compatible with Algo [8036](#), [8039](#) and [8201](#) intercoms.



### Key Features

- Seamless relay activation for Algo intercoms using telephone or intercom keypad for secure door or gate entry
- SIP or multicast triggered relay events.
- Two relay outputs and two “digital” inputs compatible with dry contact closure.
- Secure SIP using TLS and SRTP
- Configuration via user friendly web interface or auto-provisioning
- PoE powered



### Links & Resources

[Product Sheet](#)[User Guide](#)[Firmware](#)

The background of the slide features a dark teal color with a complex network diagram. The diagram consists of numerous small, light blue dots (nodes) connected by thin, light blue lines (edges), creating a web-like structure. The nodes are distributed across the entire background, with some clusters being denser than others. The overall aesthetic is technical and digital.

# IP Endpoint Supervision

**ALGO**

## Algo IP Endpoint Supervisor for Enterprise Deployments

Designed for centralized device monitoring and supervision, the 8300 Algo IP Endpoint Supervisor (Controller) supports any Algo SIP product including speakers, paging adapters, strobe lights and doorphones / intercoms. Endpoint status is displayed in a convenient browser-based dashboard, with available options to configure notification alerts.



### Key Features

- Network supervision and monitoring of Algo IP endpoints to ensure higher system reliability, particularly for mission critical voice paging / public address (PA) and emergency notification deployments.
- Efficient time-saving management and problem resolution of Algo IP endpoints to minimize down time.
- Alerting options via multicast, call to an extension and play a recorded announcement or email message.
- Secure SIP using TLS and SRTP
- Configuration via user friendly web interface or auto-provisioning
- PoE powered



### Links & Resources

[User Guide](#)



The background of the slide features a dark teal color with a network diagram. The diagram consists of numerous small white dots connected by thin, light blue lines, forming a complex web of connections. The dots and lines are more densely packed in some areas and more sparse in others, creating a sense of depth and connectivity. The overall aesthetic is clean and modern, typical of a technical presentation.

# IP Paging Adapters

**ALGO**

# 8301 SIP Paging Adapter & Scheduler

**ALGO**

## Wideband IP Paging Adapter & Bell Scheduler for Integrating Legacy Analog Amplifiers – PoE

The Algo PoE 8301 IP paging adapter provides a dry page output to a traditional amplifier, thereby offering a seamless bridge from VoIP to a legacy system. The device also functions as a scheduler for automated bells, tones, announcements, and supports music input.



### Key Features

- Ideal for integrating legacy analog systems in education, retail, manufacturing, transport terminals
- Isolated and balanced line output eliminates hum / noise to a traditional amplifier
- Secure SIP using TLS and SRTP
- Configuration via user friendly web interface or auto-provisioning
- Two relay outputs and two “digital” inputs compatible with dry contact closure
- Simultaneously multicast to IP endpoints and provide line output audio to support both IP and analog infrastructure as one unified public address (PA) system



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

## Wideband IP Paging Adapter With Zone Control for Integrating Legacy Analog Amplifiers – PoE

The Algo 8373 IP Zone Paging Adapter eliminates the need for a legacy zone controller, however, the paging adapter can also be deployed to add page zones to an existing single zone system. Three zones are configurable on the paging adapter, expanding via multicast.



### Key Features

- Three zone IP Paging Adapter for PA
- Isolated and balanced line output eliminates hum / noise to a traditional amplifier
- Eliminates a legacy zone controller, and the need for an FXS port or ATA and telephone answering device hardware
- Simultaneously multicast to IP endpoints and provide line output audio to support both IP and analog infrastructure as one unified public address (PA) system
- Secure SIP using TLS and SRTP
- Configuration via user friendly web interface or auto-provisioning



### Links & Resources

[Product Sheet](#)[User Guide](#)[Firmware](#)

The background of the slide features a dark blue gradient with a network diagram. The diagram consists of numerous small, light blue dots connected by thin, light blue lines, forming a complex web of interconnected nodes. The overall aesthetic is modern and technological.

# IP Visual Alerters

**ALGO**

# 8128 SIP Strobe Light

**ALGO**

## High Intensity SIP LED Strobe Light for Telephone, Safety, Security & Emergency Alerting – PoE

The Algo PoE 8128 SIP Strobe Light is a visual alerting IP endpoint in clear (white light color) for telephone ringing where noise, noise sensitivity or hearing impairment are at issue.



### Key Features

- Multicast to scale from one to many synchronized strobes
- Wall or ceiling mountable
- Weather resistant
- 11 configurable flash patterns, with different brightness / intensity levels
- Amber, blue and red lens colors accessories available
- Zero light degradation for at least 34 years of continuous use
- Long-life LEDs providing 360 x 180 degree visibility
- Configurable through web interface
- PoE (Power over Ethernet)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

# 8138 IP Color Visual Alerter

**ALGO**

## Multi-color LED Visual Alerter for Telephone, Safety, Security & Emergency Alerting – PoE

The Algo PoE 8138 IP Color Visual Alerter is a four color LED visual alerting IP endpoint in amber, blue, green and red. This PoE IP strobe light is designed for notification without audible noise for noise sensitive, high noise environments or for hearing impaired users.



### Key Features

- Amber, blue, green and red LED color options
- Multicast to scale from one to many synchronized strobes
- 360° Visibility – Allows installation in any orientation
- 180 combinations of flash patterns, intensity and color
- Weather resistant
- Configurable through web interface
- PoE (Power over Ethernet)



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Firmware](#)

A dark blue background with a network of glowing teal nodes and lines. On the left side, there are two overlapping teal geometric shapes: a triangle pointing downwards and a trapezoid pointing to the right.

# IP Accessories

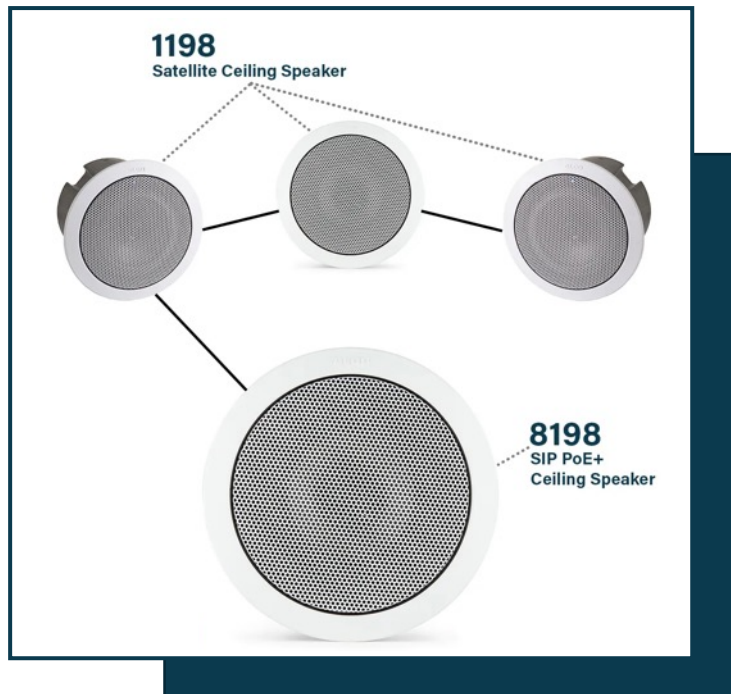
**ALGO**

# 1198 Satellite Ceiling Speaker

**ALGO**

## IP Ceiling Speaker with Satellite Extension Technology

The Algo 1198 Satellite Ceiling speaker is an analog speaker that can be combined with the [8198 IP Speaker](#) for large deployment of IP ceiling speakers in applications such as schools, retail stores, and airports. Installation is quick and easy via daisy chain connection.



### Key Features

- Identical appearance and performance to 8198 IP Speaker
- Fully supervised – Automatically detected by the 8198 IP Speaker
- Reduction in switch ports
- Simple configuration
- Reduction in switch ports and installation costs
- Lower cost per speaker
- Ambient noise responsive based on the 8198 microphone noise detection
- Secure SIP using TLS and SRTP
- RJ45 input and output connectors



### Links & Resources

[Product Sheet](#)

[User Guide](#)

[Power Output](#)

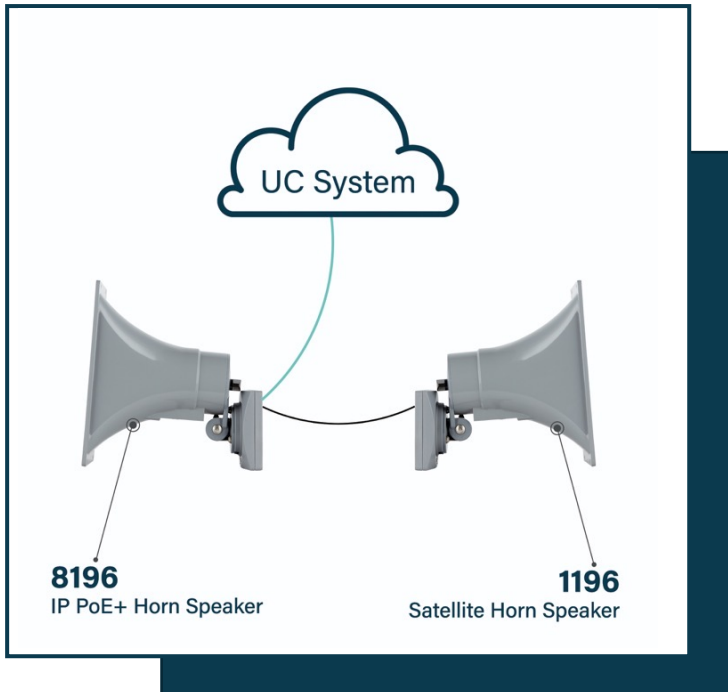


# 1196 Satellite Horn Speaker

**ALGO**

## IP Horn Speaker with Satellite Extension Technology

The Algo 1196 Satellite Horn speaker is an analog speaker that can be combined with the [8196 IP Speaker](#) for large deployment of IP horn speakers in applications such as warehouse, school gymnasium, or car lots. Installation is quick and easy via daisy chain connection.



### Key Features

- Identical appearance and performance to 8196 IP Speaker
- Fully supervised – Automatically detected by the 8196 IP Speaker
- Flexible deployment – Deploy all as homerun IP speakers or in combination with satellite speakers
- Lower cost per speaker
- Reduction in switch ports and installation costs
- Ambient noise responsive based on the 8198 microphone noise detection
- Secure SIP using TLS and SRTP
- RJ45 input and output connectors



### Links & Resources

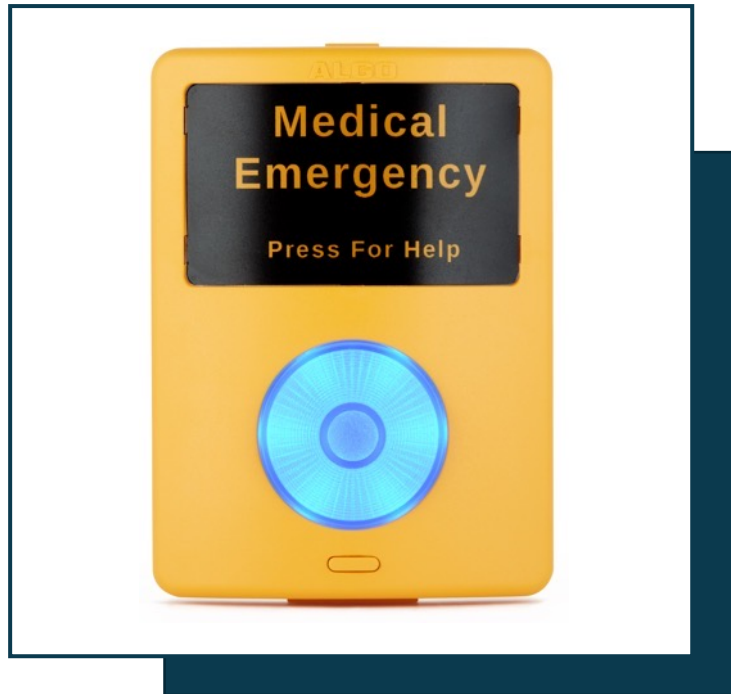
[Product Sheet](#)

[User Guide](#)

[Power Output](#)

## High LED Call Button for Emergency Alerting, Notification & Customer Assistance

For any application requiring one-touch programmable announcement or alert notification, the Algo 1202 is designed as a simple and intuitive interface for emergency and non-emergency alerting or for improving customer service.



### Key Features

- Emergency alerting and customer assistance button.
- Powered, supervised and web configured via Algo PoE IP endpoint.
- Interfaces via relay input to all Algo IP speakers, IP strobe lights, 8301 paging adapter and 8061 relay controller.
- High visibility easy to use illuminated button with flash confirmation when activated.
- Customizable label.



### Links & Resources

[Installation Sheet](#)

## Call Switch LED Button for Emergency Alerting, Notification & Customer Assistance

A single gang illuminated LED button for alerting in any application requiring one-touch programmable announcement or alert notification. The Algo 1203 is designed as a simple and intuitive interface for emergency and non-emergency alerting or for improving customer service.



### Key Features

- Emergency alerting and customer assistance button.
- Powered, supervised and web configured via Algo PoE IP endpoint.
- Interfaces via relay input to all Algo IP speakers, IP strobe lights, and 8301 paging adapter.
- Easy to use illuminated button with flash confirmation when activated.
- Compatible with dynamic microphones



### Links & Resources

[Getting Started Sheet](#)

## Wall Mount Volume Control for Algo IP Speakers

A ten-position rotary control for Algo IP speakers and the Algo 8301 IP paging adapter. Offering convenient adjustment of volume, the Algo 1204 controls audio such as voice announcements, alert tones and music without the need to access the device's web interface.



### Key Features

- Ten-position rotary control, including 1 (mute) and 10 (maximum) for volume
- Fully supervised
- Single gang face plate
- Wall mountable
- Ideal for conference or meeting rooms, school classroom or office.
- Configurable through web interface



### Links & Resources

[Getting Started Sheet](#)

## Audio Interface for Microphone and Music Inputs to the Algo 8301

The Algo 1205 Audio Interface provides a method for connecting a music source and microphone to the [Algo 8301 paging adapter](#).



### Key Features

- Rotary control knob with three positions: Music / Mic / Off
- Automatically detected by the 8301 paging adapter
- 3.5mm stereo music input
- Compatible with dynamic microphones
- Configurable through web interface
- PoE (Power over Ethernet)



### Links & Resources

[Getting Started Sheet](#)

# 2507 Ring Detector

**ALGO**

## Algo Smart Relay Input & Ring Detector for MS Teams

Algo's Smart Relay Input feature in conjunction with the Algo 2507 Ring Detector can detect when a Poly CCX, Yealink T58, or other compatible IP phone, is ringing and activate an Algo device.



### Key Features

- Smart Relay Input
- Multicast to scale from one to many synchronized strobes
- Configurable through a compatible Algo IP Endpoint
- PoE (Power over Ethernet)
- Sensitivity control
- LED indicator



### Links & Resources

[Product Sheet](#)

[User Guide](#)

# ADDITIONAL RESOURCES

## Sales

[sales@algosolutions.com](mailto:sales@algosolutions.com)  
604-454-3790

## Support

[support@algosolutions.com](mailto:support@algosolutions.com)  
604-454-3792

## Orders

[orders@algosolutions.com](mailto:orders@algosolutions.com)  
604-454-3768

[info@algosolutions.com](mailto:info@algosolutions.com)

<http://www.algosolutions.com/>



The screenshot displays the ALGO website's product page. At the top, the ALGO logo is on the left, and a navigation menu with links for PRODUCTS, SOLUTIONS, SUPPORT, RESOURCES, ABOUT, and CONTACT is on the right. The main heading reads "Dynamic IP Endpoints For Paging, Alerting, And Secure Door Entry." Below this, a sub-heading states: "IP Speakers, Intercoms, Paging Adapters, and Visual Alerters. Delivering optimal performance, reliability, and durability, Algo endpoints are designed for seamless compatibility with leading unified communication and mass notification platforms." Three product cards are featured: "5196 Ceiling Speaker: IP paging reimagined. High performance IP audio with reduced costs.", "8196 Horn Speaker: With Algo's innovative satellite speaker technology, powerfully simplifying IP notification.", and "NEW 2507 Ring Detector: Enable loud ringing, notification & visual alerting without a SIP registration." Below the cards, the "OUR PRODUCTS" section includes "IP INTERCOMS" (with a "Learn more" link), "IP PAGING ADAPTERS", and "IP SPEAKERS", each with a "FIND YOUR SOLUTION" button. A large image of an IP intercom is shown on the right. At the bottom, a dark blue banner with a network diagram background contains the text "FROM THE KNOWLEDGE HUB" and "How to Deploy IP Paging More Cost Effectively with Algo's New Satellite Speaker".