

Intercom, Paging, and Visual Alerting Devices



Are you ready to really get noticed? Grab their eyes, ears, and attention with these alerting devices.

There are times when a plain old phone just won't do. If you're working in a large and noisy environment, you need something that will rise above the din. On the opposite end of the spectrum, if your business needs to be calm and quiet, a ringing phone is not an ideal solution.

TPx is proud to offer a full range of Algo IP paging and alerting systems. Algo devices are certified to be compatible with TPx's UCx Hosted Unified Communications service.

Many Algo devices can be configured to multicast together, providing a complete paging or alerting system that's fully scalable yet uses a minimum of network traffic. Ask us for more details on how to select the models that best suit your unique business requirements.



Ceiling Speaker

The Algo 8188 or 8198 SIP ceiling speakers provide clear and intelligible audio for overhead paging in indoor office and retail locations. An integrated microphone listens for ambient noise to automatically increase the speaker volume when needed. With its auto-multicast capability, a call to one speaker can simultaneously stream to as many additional speakers as required.

- The 8198 model supports PoE+
- Both models support Power over Ethernet; no additional amplifier required
- Multifunctional speaker with HD voice quality for paging and emergency notifications
- Multicast receive or broadcast
- Loud ringing to avoid missed calls in noisy environments
- Quick installation as a blind mount into the ceiling
- Power over Ethernet; no additional amplifier required



Horn Speaker

The Algo 8186 and 8196 SIP Horn Speakers are waterproof loudspeakers for voice paging, loud ringing, and emergency notifications. HD Voice support in the speaker provides optimum speech clarity in noisy environments indoors and out, such as warehouses, production floors, garages, and parking lots.

- The 8196 model supports PoE+
- Both models support Power over Ethernet; no additional amplifier required
- Multifunctional speaker with HD voice quality for paging and emergency notifications
- Multicast receive or broadcast
- Suitable for use in outdoor and wet environments
- Wall or ceiling mount
- Three-axis adjustable for precision aiming regardless of mounting position

	8188 IP Ceiling Speaker	8198 IP Ceiling Speaker	8186 IP Horn Speaker	8196 IP Horn Speaker
PoE+	No	Yes	No	Yes
PoE	Yes	Yes	Yes	Yes
Audio Power (W)	8 W	16 W	8 W	16 W
Smart Relay Input	Yes	Yes	Yes	Yes
Relay Input	Yes	No	Yes	No
Satellite Output	No	Yes	No	Yes
Satellite Speakers	0	0 - 3	0	0 - 3



Paging System

Equipped with an integrated amplifier and loudspeaker, the Algo 8180 audio paging device is 8 to 20 times louder than the average speakerphone. SoundSure™ technology automatically adjusts output levels to compensate for background noise, ensuring that the ringing or paging is always heard but isn't too loud.

- Dual endpoints for voice paging and two-way talkback
- Multicasting capability for wide area notification
- Pre-loaded with several ring tones; supports custom WAV files or recorded messages
- Outputs for external speaker, amplifier, or visual alerter
- Power over Ethernet; no local power supply



Horn Speaker for Paging System

The Algo 1186 Horn Speaker extends the range of the 8180 paging system to deliver paging and alerting in busy or large spaces, including workshops, lunch rooms, schools, and outdoor work yards. Its compact size and rugged, weather-proof enclosure make it an ideal choice for both indoor and outdoor installation.

- White plastic enclosure with stainless steel hardware
- Wall or ceiling mount
- Three-axis adjustable for precision aiming regardless of mounting position
- No power supply required; draws power from the 8180 paging device



High-intensity LED Strobe Light

The Algo 1128B LED strobe light provides a bright visual notification of incoming calls or messages waiting. It alerts employees in noisy locations, or eliminates noise in quiet areas. Eight efficient and powerful LEDs provide a range of visible effects.

- Select from 16 flash patterns
- Wall or ceiling mountable
- Blue lens cover
- SIP compliant
- Includes power supply



Video Touch-Screen Intercom

The Algo 8036 Multimedia Intercom will make a great first impression on your visitors, providing current information and promoting your corporate branding. This “virtual receptionist” combines the functionality of an IP phone, a security camera, and an interactive kiosk in an elegant, water-proof housing. The sunlight-viewable screen can be configured to display a keypad, icons, text, or images.

- 5.7” high-contrast backlit color touch-screen display
- Integrated camera for one- or two-way video calling
- Dual microphones and loudspeaker deliver HD voice quality
- Unlocks doors* automatically, interactively, or at the discretion of your staff
- Upload images and create navigation menus through a web interface
- Suitable for public access or outdoor environments
- Power over Ethernet

* Requires the Algo 8061 or Algo 8063 IP Door Controller, sold separately



IP Door Controller

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 for secure door control. The 8063 IP Door Controller is UL/GSA, FCC and CE certified.

- SIP or multicast triggered relay events
- Two relay outputs and two “digital” inputs compatible with dry contact closure
- Configuration via user friendly web interface or auto-provisioning
- Compatible door control relay for Algo 8036, 8039 and 8201 intercoms
- PoE (IEEE 802.3af). Or Type 2 PoE+ IEEE 802.3at (Max 25.5 W)
- One relay output for door control (NO, C, NC)
- 24V output to power door strike or solenoid

Requirements for setup

Not all Algo devices are equal, and every installation will be different. To help simplify the process, this chart shows the minimum requirements for each device.

Device	Hardware Requirement	UCx Software Requirement
1128B Strobe Light	Select from: 8180 Paging System 8186 Horn 8188 Ceiling Speaker	
1186 Horn	8180 Paging System	
8028 Door Phone	None	
8036 Video Door Phone	Select from: 8061 IP Door Controller 8063 IP Door Controller	1 UCx Basic bundle per zone
8180 Paging System	None	
8186 or 8196 Horn	None	
8188 or 8198 Ceiling Speaker	None	

