

SIP Audio Alerter

The 8180 SIP Audio Alerter is a SIP compliant PoE network audio device for loud ring and voice paging applications using dual endpoints. When registered with a SIP server, one endpoint will play an audio file from internal memory upon ring detection. The second endpoint will auto-answer for voice paging, complete with two-way talkback.

Equipped with a high efficiency integrated amplifier and tuned high quality loud speaker, the 8180 is typically eight times louder than a telephone speaker. If the optional 1185 Horn Speaker is used, then the 8180 can be twenty times louder. Several audio files are pre-loaded into the 8180 internal memory for ring sounds but users may also record or upload custom audio files, music, sound effects, or voice announcements.

The advanced features of the 8180 include SoundSure™ technology which automatically adjusts loud ring and paging volume to compensate for background ambient noise. Ideal for variable noise environments (restaurants, workshops, classrooms, etc.), SoundSure™ ensures that ringing or paging is always heard but not unnecessarily loud.

Outputs for external speaker, slave amplifier, or visual alerter plus multicasting capability enable many more options to enhance notification and alert capabilities. Configuration is possible using the feature buttons or web interface.

Please contact Algo for assistance with unique applications.

Features

- SoundSure™ ambient noise compensation to automatically adjust output level
- Voice Paging with talkback capability
- High efficiency and high output wideband speaker
- Pre-loaded with several ring tones including bell, chime, gong, buzzer, warble, and dogs
- Supports custom uploaded WAV files or recorded messages
- Multicast receive or broadcast capability
- Outputs for external speaker, slave amplifier, or visual alerter
- PoE (Power over Ethernet)



Applications

- Loud Ringer in noisy or variable noise environments (classroom, restaurant, machine shop)
- Voice Paging (warehouse, workshop)
- Outdoor ringing or paging with optional 1185 horn speaker
- Multicast wide area notification
- SIP interface with ambient noise compensation for existing speaker(s) or analog input paging amplifier
- Visual notification in quiet areas (church, hospital, theater)

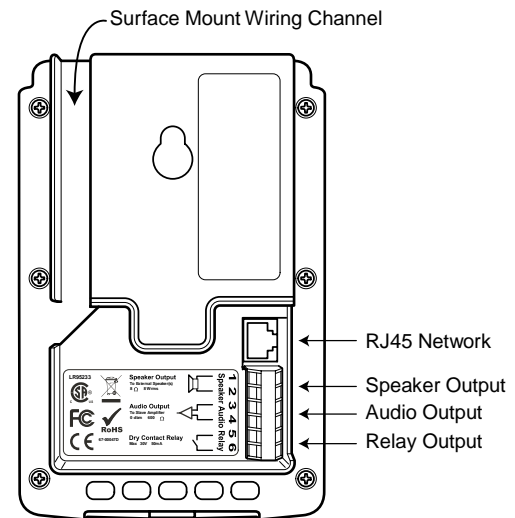
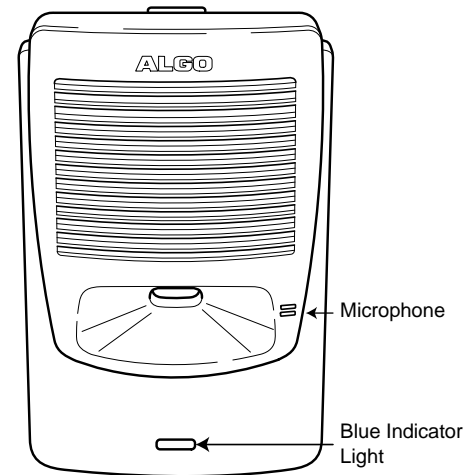
Benefits

- Network managed SIP endpoint
- Dual purpose loud ringing and/or talkback voice paging
- Significantly louder (eight to twenty times) than typical telephones
- Low frequency tones outperform traditional shrill electronic ringers
- SoundSure™ ambient noise compensation adjusts output for noise level
- Selectable/customizable alert tones or announcements
- PoE eliminates local power supply
- Multicasting capability for wide area notification

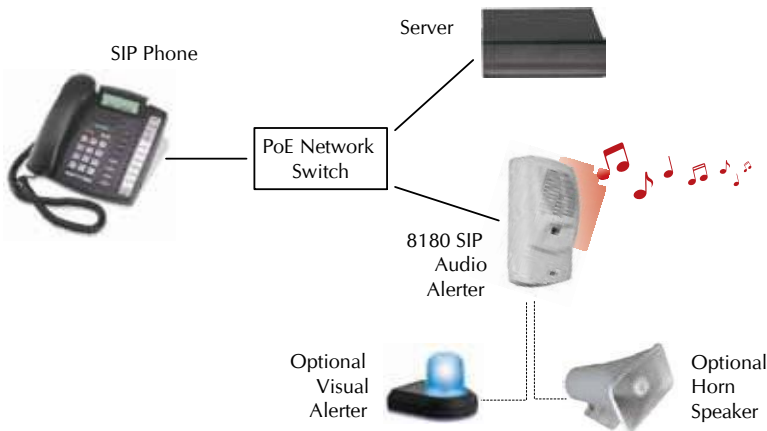
Specifications

Power Input	48 V PoE Class 0 (Maximum 12.95 W - Idle 1 W)
Sound Pressure Level (dBA at 1 m)	106 dBA internal speaker; 120 dBA optional external horn speaker
Internal Memory	3 MB (6 minutes @ 8 kHz sampling, 8-bit μ -Law audio; 90 seconds @ 16 kHz sampling 16-bit linear audio)
Speaker Output	8 Ohm 8 Wrms (auto-detection disconnects internal speaker)
Relay Output	Max 30 V 50 mA
Audio Output	Nominal 600 Ohm 0 dBm
SoundSure™ Range	30 dB
Ring Tones (shipping with 8180)	Bell NA, Bell UK, Buzzer, Chime, Dogs, Gong, Warble1 (low), Warble2 (medium), Warble3 (high), Warble4 (trill)
Environmental	0-40° C; 10-95% RH non-condensing Indoor use only (horn speaker may be located outdoors)
NAT	STUN, Asterisk
Compliance	EN60950:2001, IEEE802.3af, RFC3261, RoHS, CE, FCC, CSA (USA & Canada)

Front and Back Views



Typical Setup



Ordering Information

Product Name	Website Information
8180 SIP Audio Alerter	www.algosolutions.com/8180

Optional Products

Product Name	Website Information
1127 Visual Alerter	www.algosolutions.com/1127
1126 Strobe Light	www.algosolutions.com/1126
1185 Horn Speaker	www.algosolutions.com/1185

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 Note: Specifications are subject to change without notice. Some features may only be available in specific firmware or hardware releases.

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Trillium Technology a division of Cyntila Pty Ltd 1/45 Normanby Road, Notting Hill, Victoria, Australia 3158

Sales & Support: (03) 9558 8664 ; trillium.sales@cyntila.com