

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.

Equipped with a high efficiency integrated amplifier and tuned high quality loud speaker, the 8180 is significantly louder than a typical telephone. For loud ringing, several audio files are included with the 8180 and users may also record or upload custom audio files, music, sound effects, or voice announcements. The 8180 sound output outperforms traditional telephone loud ringers for pure loudness but also for the ability to be heard more easily (without irritation or obtrusiveness) at lower volume due to the wideband audio capability with more effective low frequency tones.

The advanced features of the 8180 include SoundSure™ technology which automatically adjusts loud ring volume to compensate for background ambient noise. For environments with variable noise levels (restaurants, workshops, classrooms etc) the 8180 can step up the volume when necessary to be heard and provide a more comfortable level during quiet periods.

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.

Features

- High efficiency for maximum sound level
- Wideband audio and output level outperforms traditional telephone loud ringers
- SoundSure™ ambient noise compensation
- Includes several ring tones including chime, gong, warble, and dogs
- Internal memory supports custom uploaded Wav files or messages
- Multicast receive or broadcast capability
- Internal microphone for recording audio or ambient noise sensing
- Outputs for external speaker, slave amplifier, or visual alerter



Applications

- SIP Loud Ringer (when the IP telephone is not loud enough, more coverage is required, or notification is required in a remote location)
- SIP Speaker (using internal speaker or external 8 ohm speaker)
- SIP Visual Alerter (for very loud or very quiet environments when audible alerting is ineffective or not desirable)
- SIP interface (adapt existing speakers or amplifiers to SIP)

Benefits

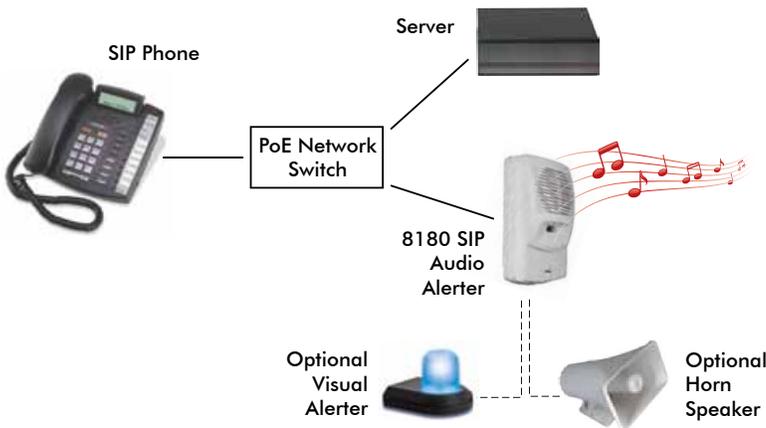
- Network managed SIP endpoint
- Dual purpose loud ringing and/or voice paging
- Significantly louder (eight to twenty times) than typical telephones
- SoundSure™ ambient noise monitoring adjusts output to room conditions
- Selectable/customizable alert tones or announcements
- PoE eliminates local power supply
- Multicasting capability extends notification reach
- Easily configured and user friendly voice prompts

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)
Relay Output	Max 30 V 50 mA
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)
Compliance	EN60950:2001, IEEE802.3af, RFC3261, RoHS, CE, FCC, CSA (USA & Canada)

Note: Specifications are subject to change without notice.

Typical Setup



Ordering Information

Description	Code	Website Information
8180 SIP Audio Alerter	8180	www.algosolutions.com/8180

Optional Products

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

Front and Back Views

