

Algo SIP Alerter 8180



Product Name: Algo SIP Alerter 8180

Manufacturer: Algo

Model Number: 8180

Algo 8180 IP Loud Ringer, SIP Speaker, & Voice Paging Device

The Algo 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.

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

Front and Back Views

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)

Typical Connection Diagram

Technical Specification Algo 8180 SIP Audio Alerter

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 5.5 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, IEEE 802.3-2008, RFC3261, RoHS, CE, FCC, CSA (USA & Canada)

Price: £191.50

VoIPVN <http://voip.com.vn>