

SIP Audio Alerter

The 8180 is a SIP compliant PoE audio device optimized for alerting and voice applications with integrated amplifier and high quality speaker.

Loud Ringer tones are selectable. Users may also record or upload their own tones or voice announcements to the internal memory which is capable of storing four minutes of 16 kHz sampled audio. Alerts can be activated by a telephone ring message or other events depending on configuration and server capability. Output dry contacts may be used to activate visual alerting devices.

For paging, the 8180 can play multicast announcements or be configured as an auto-answer and page SIP endpoint. The internal amplifier may also be connected to an external ceiling speaker or outdoor weatherproof horn speaker. Additionally, the 8180 can be used with a slave amplifier from its low level audio output.

Configuration is possible using the feature buttons or web interface capable of managing multiple SIP Audio Alerters.



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 Paging (auto answer or multicast)

Benefits

- Eliminates analog port requirement
- Infinite possibilities for alert tones or announcements
- Turns any 8 Ohm speaker into a SIP compliant speaker
- Single unit handles paging AND alerting
- Powerful low frequency optimized speaker outperforms piezo style loud ringers
- PoE eliminates local power supply

Features

- Selectable ring tones
- Play uploaded audio clips or recorded audio
- Outputs for external speaker, slave amplifier, or visual alerter
- LED indication of active speaker
- Supports auto answer and multicast paging
- Wideband audio
- Internal microphone for recording audio or ambient noise sensing

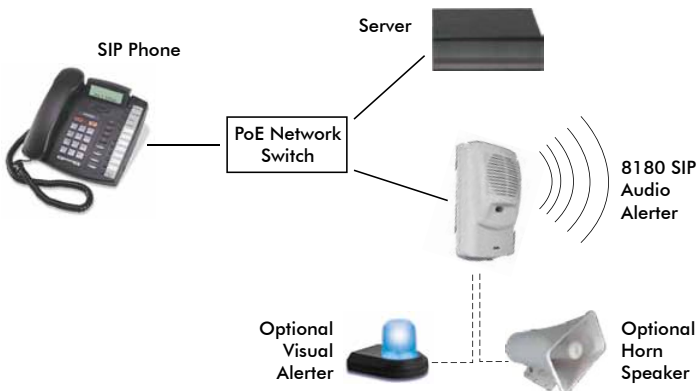
Specifications

IP Interface	SIP/SDP/RTP RFC: 3261, 3264, 3265 Network DHCP 10/100 MB PoE 802.3af Class 3 G.711 or G.722 audio codec
Outputs	Auxiliary Speaker: 8 Ω, 10 W Dry Contact Relay: Max 50 mA, 30 V Audio Output: 0dBm, 600 Ω
Sound Pressure Level	98 dBA at 1 m 500 Hz warble internal speaker; 115 dBA at 1 m 500 Hz warble optional horn speaker
Audio Memory	4 Minutes 16 kHz sampling
Tones	Selectable and reprogrammable Warble – tone adjustable Chime – tone adjustable Bell
Upload Audio Clip Format	WAV, 16 kHz sampling
Hardware Controls	Test, Tone up/dn, Volume up/dn

Web Control	Test, Tone up/dn, Volume up/dn Firmware update / application download Server IP Address Multicast IP Address Relay output function
Environmental	0-40° C 10-95% RH non-condensing Indoor use only (horn speaker may be located outdoors)
Regulatory	FCC, CSA/UL, CE, RoHS
Power	IEEE 802.3af Class 3 48 V 1.6 W Idle, 13 W Maximum
Accessories	1185 Horn Speaker 1127 Visual Alerter 1126 Strobe Light

Note: Specifications are subject to change without notice.

Typical Setup



Ordering Information

Description	Code
8180 SIP Audio Alerter	8180

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