Features

- **Weather-resistant (Type 3R) Surface-mount Design**
- **No Additional Interface Required**
- **Web Page Configuration**
- **Real-time Alarm Reporting Via Email**
- **Power Over Ethernet or Alternative 24-48 V dc Supply**
- **SIP Compatible**
- **RJ45 LAN or WAN Direct Connection**
- **Automatic Call Divert (rollover), Via Memory List**
- **Four Inputs and Two Outputs Per Phone**
- **Auto Answer**
- **Rugged Non-metallic or Aluminum Enclosure**
- **ADA Compliance Features: Braille "HELP" Label and "Call Received" LED Indicator**
- **Multicast Capable (Up to 8 Addresses)**
- **Compatible with TMA (Telephone Management Application) Software**

GAI-Tronics' RED ALERT® Hands-free VoIP Surface-mount Telephones are designed to provide direct point-to-point communication between personnel throughout a facility over an existing Internet Protocol LAN. The VoIP telephones are intended for connection to a 10/100 BaseT Ethernet and operate using power-over-Ethernet or an alternative power source. The VoIP telephone features real-time alarm reporting that enables system supervisors to monitor the phone's activity and address callers needs or maintenance issues immediately.

GAI-Tronics' RED ALERT® Hands-free VoIP Telephones' features make it ideal for use in any application requiring point-to-point communications or telephone system access. Multiple telephones can be accessed in "page" mode for one-way broadcasts, utilizing each telephone's multicast feature.

Typical installation locations include:
- **College Campuses**
- **Parking Garages**
- **Sports Arenas**
- **Business and Industrial Parks**
- **Factories**

Embedded web pages held within the VoIP telephone can be accessed over a network using a browser, such as Internet Explorer®, to view, monitor, and change settings within the unit.

In addition to each unit's real-time email reporting capability, all telephones can be monitored via a central PC utilizing our TMA (Telephone Management Application) software. TMA will systematically poll each telephone on a pre-programmed schedule (daily, weekly, etc.) and provide a single report with a variety of available information pertaining to call activity and fault reporting of the following:
- **Configuration error**
- **Cold reset (caused by power failure)**
- **Warm reset (caused by internal command or error)**
- **Keypad error / stuck buttons**
- **Microphone / Speaker circuit fault**
- **Handset off-hook (if so equipped)**
- **Register fail**

GAI-Tronics' RED ALERT® VoIP Hands-free Telephones are housed within a non-metallic or a cast aluminum enclosure. Their bright, safety yellow color provides excellent visibility for telephone location and the rugged construction delivers a robust and weather-resistant solution for virtually any VoIP communication application.

Specifications

Electrical

Network Power . . . . Power-over-Ethernet, 802.3af compliant (via RJ45)

Local Power Requirements. . . . . 24-48 V dc, 6 watts (a separate, isolated power supply must be provided for each telephone)

Power Consumption. . . . . .6 watts, max.

Network . . . . .10/100 BaseT Ethernet RJ45, Cat5 or Cat5e UTP Static IP provisioning or DHCP STUN client

Call Control Signaling. . . . . SIP (RFC3261 compliant)

Microphone . . . . .Electret

Inputs*

Keypad (as applicable). . . . . 3x4 matrix

Push Buttons (as applicable) . . . . Call, Emergency Auto-dial

Configurable inputs 4

Outputs

Programmable Output (2) Contact Rating . . . . . . 8 A @ 30 V ac/dc (resistive load)

Controls

External* (as applicable) . . . . . .Keypad, push-button inputs

Internal . . . . Speaker volume, mic bias, reset switch

Indicators

External . . . . Call received LED

Internal . . . . Power, Heartbeat & EACT LEDs

Audio output. 90 dB SPL or greater @ 0.5 meters (@ 1kHz)

Codecs and audio . . . . G.711 A-Law, G.711µ-Law, G.722, G.729, G.723.1 MP-MLQ, G.723.1 ACELP

Configuration . . . . Embedded web server Configuration file download Direct serial connection Password Protection

Call Diversion . . . . . . Configurable call list Numbers or URIs (max 20 entries) with comfort tones, diverts to next in list if the call fails

Monitoring & reporting . . Real-time monitoring/reporting via Email or proprietary Syslog application; polled monitoring and reporting via TMA software application

* Input configuration is dependent upon model number.

Mechanical / Environmental

Temperature range:

Operating . . . . -4°F to +131°F (-20°C to +55°C)

Storage . . . .-40°C to +70°C

Relative humidity. . . . . Up to 95%, non-condensing

Weatherproof Rating . . . . Type 3R

PCBA (printed circuit board assembly) . . . . .Conformal coated

Model 393-710

Enclosure construction . . . . .Non-metallic, safety yellow

Dimensions . . . . 9.5 H x 8 W x 4 D inches (241.3 x 203.2 x 101.6 mm)

Model 393AL-710 and 394AL-712

Enclosure construction . . . . .Cast aluminum with safety yellow epoxy finish (Model 394AL-702 only): Braille chrome plated zinc dial pad

Dimensions . . . . 9.5 H x 8 W x 4 D inches (241.3 x 203.2 x 101.6 mm)

Weight

Model 393AL-710. . . . . 7.8 lbs.

Model 393-710 . . . . 4.0 lbs.

Model 394AL-712. . . . . 8.5 lbs.

Approval Standards

Compliance to Standards . . . . FCC CRF 47 Part 15

Safety of Information Technology Equipment . . . . UL/CSA 60950

Enclosures for Electrical Equipment . . . . Type 3R

Models

Description	Part Number
"HELP" Button, Non-metallic Enclosure	393-710
"HELP" Button, Aluminum Enclosure	393AL-710
Full Keypad, "HELP" Button, CALL Button, Aluminum Enclosure	394AL-712
TMA (Telephone Management Application) Package - VoIP	12509-044

This mark indicates successful completion of Cisco Product Compatibility testing.