

Features

- **Weather-resistant (Type 3R) Flush-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**
- **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 Flush-mount Telephones are designed to provide direct point-to-point communications 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 them 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.

Typically installations 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' rugged, stainless steel construction delivers a robust and weather-resistant solution for virtually any IP 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

Temperature range:
Operating -4° F to +140° F (-20° C to +60° C)
Storage -40° C to +70° C
Relative humidity Up to 95%, non-condensing
PCBA (printed circuit board assembly) Conformal
coated

Construction

Panel 14-gauge, brushed stainless steel
Back box 16-gauge cold-rolled steel
with black polyurethane finish
(Model 398-702): Braille dial pad Chrome-plated zinc

Dimensions

Panel 12.0 H x 10.0 W inches
(304.8 x 254mm)
Back Box (depth from mounting surface) 2.38 inches
(60.5mm)
Panel Cutout 10.1 H x 8.43 W inches
(255.57 x 214.12mm)

Weight

Model 397-70X 6.5 lbs.
Model 398-70X 7.2 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 Only	397-700
"HELP" Button & One Auto-dial Button	397-701
Full Keypad, CALL Button	398-701
Full Keypad, "HELP" Button, CALL Button	398-702
TMA (Telephone Management Application) Package - VoIP	12509-044



This mark indicates successful completion
of Cisco Product Compatibility testing.