

### Features

- **Compact, 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**



397-700FS



398-701FS



397-701FS

GAI-TRONICS' Compact 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.

The Compact 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. The compact size make them ideally suited for installations with limited available space, particularly in elevators.

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' Compact 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  
Pushbuttons (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, pushbutton 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

Operating Temperature Range ..... -4° F to +140° F  
(-20°C to +60° 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 398-701FS): Braille dial pad Chrome-plated zinc

#### Dimensions

Panel ..... 8.5 H x 6.5 W inches  
(215 x 165.1mm)  
Back Box (depth from mounting surface) ..... 2.37 inches  
(60.2mm)  
Panel Cutout ..... 7.75 H x 5.75 W inches  
(193.6 x 146.1mm)  
Weight ..... 5 lbs. (2.3kg)

#### Approval Standards

Compliance to Standards ..... FCC CRF 47 Part 15  
Safety of Information Technology  
Equipment ..... UL/CSA 60950  
Enclosures for Electrical Equipment ..... Type 3R

### Ordering Information

Model	Description
397-700FS	"HELP" Button Only
397-701FS	"HELP" Button & One Auto-dial Button
398-701FS	Full Keypad, CALL Button
12509-044	TMA (Telephone Management Application) Package - VoIP
233-001	Security Screwdriver
238-001FS	Compact Stainless Steel Wall-mount Enclosure



This mark indicates successful completion  
of Cisco Product Compatibility testing.