

## Features

- **Weather-resistant (Type 3R) Flush-mount Design**
- **Replaces Existing Talk-A-Phone 6-hole Telephones**
- **No Additional Interface Required**
- **Web Page Configuration**
- **Real-time Alarm Reporting via Email**
- **Power Over Ethernet or Alternative 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**



Model 397-700TP



Model 398-702TP



GAI-TRONICS' RED ALERT® Emergency 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 Models 397-700TP and 398-702TP provide a plug-and-play upgrade to an existing Talk-A-Phone 6-hole telephone location with available Cat5E/6 cabling. 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® Emergency 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 Emergency Telephones' rugged, stainless steel construction delivers a robust and weather-resistant solution for virtually any IP communication application.

Talk-A-Phone is a registered trademark of Talk-A-Phone Corporation.

# RED ALERT

by GAI-TRONICS

## VoIP Emergency Telephones

Retrofit Series - Talk-A-Phone

Models 397-700TP and 398-702TP

### Specifications

Power ..... Power-over-Ethernet, 802.3af compliant (via RJ45), or External power supply 36-56 V dc, 200 mA. A separate, isolated supply must be provided for each telephone.

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

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

Microphone ..... Electret

### Inputs\*

Keypad ..... 3x4 matrix

Push Buttons ..... Call, Auto-dial, Emergency Auto-dial

Configurable inputs ..... 4

### Outputs

Output 1 ..... 8 A @ 30 V ac/dc (resistive load)

Output 2 ..... 5 A @ 30 V ac/dc (resistive load)

### Controls

External\* ..... 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 ..... Web page, configuration file, static IP address provisioning or DHCP

Monitoring and reporting ..... Real-time over TCP/IP proprietary Syslog application or email Embedded SMTP client Automatic fault reporting

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

\* 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, Type 304 brushed stainless steel

Back box ..... 16-gauge cold-rolled steel with black polyurethane finish  
 (Model 398-702TP): Braille dial pad Chrome-plated zinc

### Dimensions

Panel (w/ backbox attached):  
 11.75 H x 9.5 W x 3.20 D inches  
 (298.5 x 241.3 x 81.3 mm)

Panel Cutout ..... 9.875 H x 5.75 W inches  
 (250.825x 146.05 mm)

### Weight

Model 397-700TP ..... 6.5 lbs.  
 Model 398-702TP ..... 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	397-700TP
Full Keypad, "HELP" Button, Call Button	398-702TP
TMA (Telephone Management Application) Package - VoIP	12509-044



This mark indicates successful completion of Cisco Product Compatibility testing.

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Toll Free: 1 (800) 492-1212 Tel: (610) 777-1374 Fax: (610) 796-5954  
 www.gai-tronics.com email: customerservice@gai-tronics.com



Quality Management System Certified by DNV-GL - ISO 9001:2015.

The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.

