

Features

- **Weather-resistant (Type 3R) Flush-mount Design**
- **Replaces Existing Ramtel 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" L.E.D. Indicator**
- **Multicast Capable (Up to 8 Addresses)**
- **Compatible with TMA (Telephone Management Application) Software**



Model 397-700RT



Model 398-702RT



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 397-700RT and 398-702RT provide a plug-and-play upgrade to an existing Ramtel 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)**

GAI-Tronics' RED ALERT® VoIP Emergency Telephones' rugged, stainless steel construction delivers a robust and weather-resistant solution for virtually any IP communication application.

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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 398-702RT): Braille dial pad Chrome-plated zinc

Dimensions

Panel (w/ backbox attached):
11.88 H x 8.25 W x 2.680 D inches
(301.6 x 209.6 x 65 mm)
Panel Cutout 9.85 H x 6.75 W inches
(250.19 x 171.45 mm)

Weight

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



This mark indicates successful completion
of Cisco Product Compatibility testing.

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