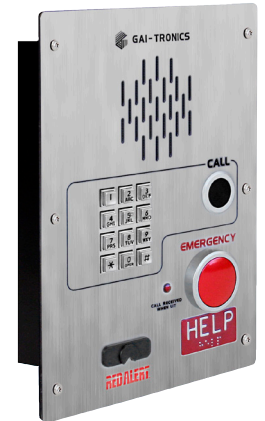# RED ALERT
by GAI-Tronics

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" LED Indicator**
- **Multicast Capable (Up to 8 Addresses)**
- **Compatible with TMA (Telephone Management Application) Software**

Model 397-710RT

Model 398-712RT

CISCO™ Compatible

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 397-710RT and 398-712RT 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.

Ramtel is a registered trademark of Ramtel Corporation.

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 +131°F (-20°C to +55°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 397-710RT . . . . 6.5 lbs.
Model 398-712RT. . . . . 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	397-710RT
Full Keypad, "HELP" Button, Call Button	398-712RT
TMA (Telephone Management Application) Package - VoIP	12509-044

CISCO Compatible

This mark indicates successful completion of Cisco Product Compatibility testing.

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