

### Features

- **Weather-resistant (Type 3R) Flush-mount Design**
- **Telephone Line Powered, (No Battery or External Power Required for Telephone Operation)**
- **Large “Palm” Activation HELP Pushbutton for Emergency Call**
- **CALL Pushbutton for Standard Keypad Dialing**
- **12-Button, Braille Keypad**
- **Standard or SMART Operation**
- **Auto Answer (with Silent Monitoring)**
- **(2) Programmable Auxiliary Outputs for Peripheral Equipment Control**
- **Operating Range of -20° C to +60° C**
- **Call Received When Lit LED**
- **Voice Annunciation Option**
- **Extreme Cold Weather Option (-40° C)**
- **3-Number Rollover**
- **UL/CSA 60950 Compliant**
- **FCC Part 68 Certified**
- **ADA Compliant**
- **Monitored by TMA (Telephone Management Application) Software**



GAI-TRONICS' RED ALERT® Emergency Telephones are designed to provide clear and reliable communications in almost any environment. The Model 398-00x is considered to be Type 3R weatherproof compliant when installed in a GAI-TRONICS surface-mount enclosure, free-standing stanchion, wall-mount stanchion or simply recessed into an existing wall.

The 398-00x RED ALERT® Emergency Telephones provide reliable two-way communications with the press of a single button and can be installed on any analog PSTN, PBX, PABX, or KSU network providing 24 V dc or 48 V dc line voltage with a minimum line current of 24 mA. **No external power is required for normal operation.**

In addition to the HELP pushbutton, the 398-00x includes a sealed, chrome-plated, Braille keypad and separate CALL pushbutton for local calling or building access. Pressing the black CALL pushbutton a second time enables the caller to place additional calls without disengaging the telephone line.

The Model 398-00x is capable of providing two (2) auxiliary outputs for control of peripherals such as strobes, door/gate access, alarms, or lamps via local or remote activation. These outputs can be programmed for a variety of control parameters including telephone HELP button or remote DTMF activation. Each telephone can additionally be configured to automatically answer when called.

Each telephone is ADA compliant, with a “Call Received When Lit” LED providing visual indication that a call is active, and a Braille HELP label.

Although each of these telephones will function as a standard Emergency Telephone, connecting a customer-provided, central computer equipped with GAI-TRONICS' TMA (Telephone Management Application) software will allow them to operate in SMART (Self-Monitoring and Reporting Technology) mode. With TMA connected, each RED ALERT® telephone will be polled on a scheduled basis to report:

- **Line integrity**
- **Microprocessor health**
- **Stuck buttons**
- **Microphone integrity**
- **Speaker integrity**
- **Line interrupt (power failure)**
- **Low Battery (Voice Annunciation Option only)**

Additionally, each RED ALERT® Emergency Telephone is available with a user programmable Voice Annunciation option and/or an Extreme Cold Weather option (to -40° C).

No other telephone provides greater features, value, and reliability

### Specifications

TMA compatibility profile type . . . . GTC SMART Hands-free

#### Electrical

Audio Output . . . . . 1 kHz tone @  $87 \pm 3$  dB SPL  
 @ 1 meter with 40 mA loop current

Battery Voltage (tip and ring) . . . . . 24 V dc or 48 V dc

Phone line requirements . . . . . Loop start, central office  
 (CO), or Analog station port (PBX, PABX, or KSU)

Minimum loop current . . . . . 24 mA  
 (35 mA recommended)

(2) Auxiliary outputs (Isolated solid state switch) . . . . .  
 48 V dc @ 125 mA  
 28 V<sub>RMS</sub> ac @ 80 mA<sub>RMS</sub>

Signaling . . . . . DTMF 100 ms tone

Memory . . . . . Non-volatile EEPROM

#### Mechanical

Operating Temperature Range:  
 -003 and -004 Models: -40° F to +140° F (-40° C to +60° C)  
 -001 and -002 Models: -4° F to +140° F (-20° C to +60° C)

Relative Humidity . . . . . to 95%, no condensation

Construction:  
 Panel . . . . . 14-gauge, type 304 brushed  
 stainless steel

Back box . . . . . 16-gauge cold-rolled steel with  
 black polyurethane finish

Dial Pad . . . . . Chrome-plated zinc

Dimensions:  
 Panel . . . . . 12.0 H x 10.0 W inches  
 (304.8 x 254.0 mm)

Back box (depth from mounting surface) . . . . 2.38 inches  
 (60.5 mm)

Panel cutout . . . . . 10.1 H x 8.43 W inches  
 (255.57 x 214.12 mm)

Weight . . . . . 7.2 lbs. (3.3kg)

#### Approval Standards

Safety of Information Technology Equipment: UL/CSA 60950  
Enclosures for Electrical Equipment . . . . . UL 50, Type 3R

#### 47 CFR Part 68

Certification Number . . . . . US: ADGTE05BGTC2010  
Ringer Equivalent Number . . . . . .5B  
Network connection (USOC) . . . . . RJ11

#### IC information (Canada)

IC Certification Number . . . . . 882B-GTC 2010  
Ringer Equivalent Number . . . . . .5B  
Connection Method . . . . . CA11A

### Model Chart

Model	Description
398-001	Weatherproof, Flush-mount Emergency Telephone, HELP and CALL Pushbuttons, Braille Keypad, Brushed Stainless Steel Front Panel
398-002	Weatherproof, Flush-mount Emergency Telephone, HELP and CALL Pushbuttons, Braille Keypad, Brushed Stainless Steel Front Panel with Voice Annunciation Option
398-003	Weatherproof, Flush-mount Emergency Telephone, HELP and CALL Pushbuttons, Braille Keypad, Brushed Stainless Steel Front Panel with Extreme Cold Weather Option
398-004	Weatherproof, Flush-mount Emergency Telephone, HELP and CALL Pushbuttons, Braille Keypad, Brushed Stainless Steel Front Panel with Voice Annunciation Option and Extreme Cold Weather Option
12509-042	TMA Application Package (includes single line transceiver, security key, interconnecting cables, software CD, and manual)
12509-043	TMA Line Expansion Kit; one required for each additional monitored line...8 max. (includes single line transceiver, interconnecting cables, and manual)
233-001	Security Screwdriver