

Features

- **Compact, Weather-resistant (Type 3R) Flush-Mount Design**
- **Telephone Line Powered, (No Battery or External Power Required for Telephone Operation)**
- **Tactile CALL Pushbutton for Pre-programmed One-Button Dialing**
- **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**
- **3-Number Rollover**
- **UL/CSA 60950 Compliant**
- **FCC Part 68 Certified**
- **ADA Compliant**
- **Monitored by TMA (Telephone Management Application) Software**



GAI-TRONICS' RED ALERT® Auto-dial Telephones are designed to provide clear and reliable communications in almost any environment. The Model 397-001ADFS 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 a wall.

The 397-001ADFS RED ALERT® Auto-dial Telephones provides 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.**

The Model 397-001AD 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 remote DTMF activation. Each telephone can additionally be configured to automatically answer when called.

The compact size of the 397-001ADFS makes it ideally suited for non-emergency installations with limited available space. It can be wall-mounted using the model 238-001FS Stainless Steel Enclosure.

Each telephone is ADA compliant, with a "Call Received When Lit" LED providing visual indication that a call is active.

Although each of these telephones will function as a standard 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)**

Specifications

TMA compatibility profile type GTC SMART Hands-free

Electrical

Audio Output. 1 kHz tone @ 87 ± 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_{RMS} ac @ 80 mA_{RMS}

Signaling DTMF 100 ms tone

Memory Non-volatile EEPROM

Mechanical

Operating Temperature Range -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

Dimensions:

Panel 8.5 H x 6.5 W in.
 (215 x 165.1 mm)

Back box (depth from mounting surface) 2.37 in
 (60.2 mm)

Panel cutout (for flush mounting). 7.75 H x 5.75 W in.
 (193.6 x 146.1 mm)

Weight 5 lbs. (2.3kg)

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 Number5B
Network connection (USOC) RJ11

IC information (Canada)

IC Certification Number 882B-GTC 2010
Ringer Equivalent Number5B
Connection Method CA11A

Ordering Information

Model	Description
397-001ADFS	Compact, Weatherproof, Flush-mount, One-Button, Auto-dial Telephone
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
238-001FS	Compact Stainless Steel Wall-mount Enclosure

Note: -40° C operation is attainable by installing a GAI-TRONICS no. 40404-045 Power Supply (purchased separately). A 120 V ac power source is required for this application