



Model 297-001 Brushed Stainless Steel, (Left)  
Model 293-001 [Valox] (Right):  
Also available as 293AL-001 in Cast Aluminum

Emergency communications is a growing concern in all types of public areas including college campuses, parking garages, sports arenas, business and industrial parks, and more. Since emergency telephones are often installed in the harshest environments, durability and performance are extremely important.

Manufactured in both surface and flush-mount designs, GAI-Tronics emergency telephones offer superior reliability. Emergency telephone users simply press the large red emergency button for immediate connection to the security office.

- **Extended temperature range: - 40°F to +140°F**
- **Standard Analog Telephone line powered**
- **No external power or battery required**
- **Remote programming**
- **Microphone and speaker located for optimal performance**
- **Large "Palm" activation button call for help**
- **Auto answer**
- **Silent Monitoring**
- **Auxiliary switch activates peripheral equipment**
- **ADA compliance features: Braille "Help" tag "Call Received" LED Indicator**
- **Custom colors and silk-screening available**
- **Three number rollover - unit dials up to three different numbers to ensure emergency calls are answered**

The benefit GAI-Tronics offers over any other telephone manufacturer is more features, more flexibility, and greater reliability. For instance, our units are fully line-powered so no external power is required. Our extended temperature range means the units can be installed virtually anywhere and still perform reliably.

GAI-Tronics emergency telephones significantly increase safety and reliability in all types of public areas. We have been manufacturing rugged industrial communications equipment for 60 years and consistently strive to meeting and exceed customer requirements.

As an ISO9001 Certified Company, we maintain the highest quality standards and are proud that our equipment is manufactured in the U.S.A.

# Emergency Telephones

## 293-001, 293AL-001, and 297-001

### TECHNICAL SPECIFICATIONS

#### Electrical

Loop current	24 mA (35 mA recommended) Compensate low or less stable line current with Part # 40404-045 plug-in power supply 5 V dc 600 mA REGULATED PLUG-IN PWR (sold separately)
Operation	Loop Start
Auto-dial digits	24 Digits
Audio Output	<ul style="list-style-type: none"> <li>Voice - 80 dB SPL @ 1 meter with 40mA of loop current</li> <li>1 kHz tone - 76 dB SPL @ 1 meter with 40mA of loop current</li> </ul>
Isolated solid state switch	<ul style="list-style-type: none"> <li>48 V dc @ 125 mA</li> <li>28 V<sub>RMS</sub> @ 80 mA<sub>RMS</sub></li> </ul>
Telephone Line	24 V dc or 48 V dc

#### Mechanical

Operating Temperature Range	-40°C to +60°C -40°F to +140°F
Relative Humidity	To 95%, no condensation
PBCA (Printed Circuit Board Assembly)	Conformal Coated

#### Model 293-001

Enclosure	Valox (high impact, glass-reinforced polyester) molded in safety yellow
Dimensions	9.5H x 8W x 4D inches; (241.3H x 203.2W x 101.6D mm)
Weight	4.0 lbs.; 1.8kg

#### Model 293AL-001

Enclosure	Cast aluminum painted safety yellow
Dimensions	9.5H x 8W x 4D inches; (241.3H x 203.2W x 101.6D mm)
Weight	7.8 lbs.; 3.54kg

#### Model 297-001

Construction	<u>Panel</u> : 14-gauge brushed stainless steel <u>Back Box</u> : 16-gauge cold-rolled steel with black polyurethane finish.
Dimensions	<u>Panel</u> : 12.0H x 10.0W in. (304.8 x 254mm) <u>Back box</u> : 2.38 in. (60.5mm) (depth from mounting surface) <u>Panel Cutout</u> : 10.1H x 8.43W in. (255.7mm x 214.12mm)
Weight	6.5 lbs.; 2.94kg

#### Approvals

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

#### 47 CFR Part 68

Certification Number	US: ADGTE04B0414HAC
Ringer Equivalence Number	0.4B
Network Connection (USOC)	RJ11

#### IC Information (Canada)

IC Certification Number	882B-GTC
Ringer Equivalence Number	0.4B
Connection Method	CA11A

### MODELS

Surface-Mount Emergency Telephone, Valox, Auto-dial	293-001
Surface-Mount Emergency Telephone, Aluminum, Auto-dial	293AL-001
Flush-Mount Emergency Telephone, Auto-dial	297-001

**GAI-Tronics® offers telephone panels designed to fit most non-GAI-Tronics® emergency phone columns. Ask about our smaller sized flush-mount telephones.**



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Quality Management Systems Certified - ISO9001:2000

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

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