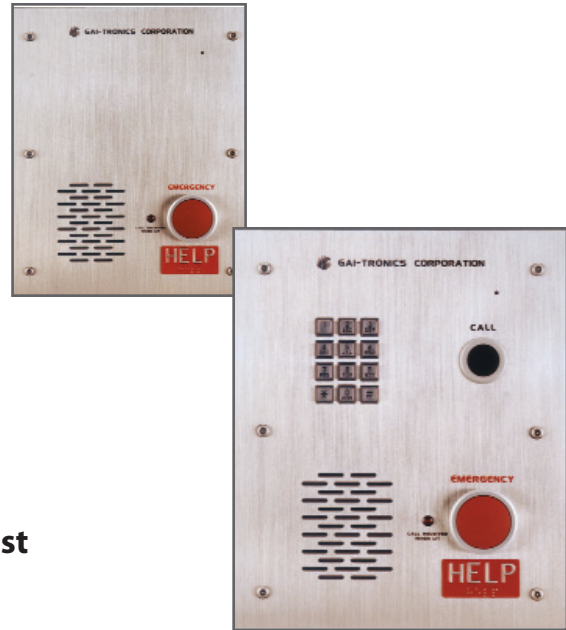


Features

- **No additional interface required**
- **Web page configuration**
- **Real-time alarm reporting via email**
- **Power Over Ethernet or alternative 48Vdc 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**



GAI-Tronics' handsfree VoIP Flush-mount Telephone is designed to provide direct point-to-point communications between personnel throughout a facility over an existing internet protocol LAN. The VoIP telephones are intended for connection to a 10/100 base T 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' handsfree VoIP telephones' features make them ideal for use in any application requiring point-to-point communications or telephone system access.

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.

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

MODEL 297-700 and 298-700 Series

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 13507-005

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.711 μ -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 . Numbers or URIs (max 20 entries), with comfort tones; Diverts to next in list if the call fails

Compliance to Standards FCC CRF 47 Part 15

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, brushed stainless steel

Back box 16-gauge cold-rolled steel with black polyurethane finish (Model 298-702): Braille dial pad Chrome-plated zinc

Dimensions

Panel 12.0 H x 10.0 W inches (304.8 x 254mm)

Back Box (depth from mounting surface) 2.38 inches (60.5mm)

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

Weight

Model 297-70X 6.5lbs.

Model 298-70X 7.2lbs

* Input configuration is dependent upon model number.

Models

Description	Part Number
"HELP" Button Only	297-700
"HELP" Button & One Auto-dial button	297-701
Two (2) Auto-dial Buttons	297-702
Three (3) Auto-dial Buttons	297-703
Full Keypad, Call Button	298-701
Full Keypad, "HELP" Button, Call Button	298-702



This mark indicates successful completion of Cisco Product Compatibility testing.

Pub. 070605



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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.