

# Handset VoIP Telephone with Keypad

Models: 226-700, 246-700, 256-700 and 276-700



## Features

- **Embedded Browser (no additional interface required) for Web Page Configuration**
- **Power Over Ethernet or alternative 48 V dc Supply**
- **SIP compatible**
- **RJ45 LAN or WAN direct connection**
- **Four contact inputs and two relay outputs\***
- **Real-time email fault reporting**
- **Anti-Corrosive Enclosures**
- **Surface or Flush Mount Models**
- **Full Keypad**
- **Hearing Aid Compatible**
- **Non-moveable Hookswitch**
- **Indoor and Weatherproof Models**
- **Noise-cancelling Microphone**
- **Volume Control Pushbutton**
- **Weather-resistant (Type 3R designs)**

\* Due to mechanical restrictions, the model 226-700 is not available with the relay output capability.



Model 246-700



Model 256-700



Model 276-700



Model 226-700

GAI-Tronics' SIP compatible Handset VoIP Wall-Mount Telephones are designed to provide direct point-to-point communication between personnel throughout a facility over an existing Internet Protocol LAN. The VoIP telephones are intended for connection to a 10/100 BaseT Ethernet SIP network 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' Handset VoIP Telephones' features make them ideal for use in any application requiring point-to-point communications or telephone system access.

Typical installation locations include:

- **Power Plants and Nuclear Facilities**
- **Factories / Mills / Industrial Plants**
- **Amusement / Water Parks**
- **Public Access Applications**

Embedded web pages held within the VoIP Handset 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' Handsfree Telephones are housed within corrosion-resistant enclosures and are designed to provide high levels of unit integrity, delivering a robust solution for virtually any IP communication application.

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## 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

### Inputs

Keypad ..... 3 x 4 matrix  
Configurable Inputs ..... 4

### Outputs (Models 246-700, 256-700 and 276-700 only)

Output 1 ..... 8 A @ 30 V ac/dc (resistive load)  
Output 2 ..... 5 A @ 30 V ac/dc (resistive load)

### Controls

External ..... Push-button volume control  
Internal ..... Mic bias, reset switch, handset enable

### Indicators

Internal ..... Power, Heartbeat, & EACT LEDs  
Configuration ..... Embedded web server  
Monitoring and Reporting ..... Real-time over TCP/IP proprietary Syslog application or email

### 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

### Model 226-700

Construction:  
Enclosure ..... Thick-walled cast aluminum with epoxy gray paint  
Panel ..... 0.125-inch brushed aluminum  
Handset/Cord ..... G-style with 19-inch armored cord and internal lanyard  
Braille dial pad ..... Chrome-plated zinc  
Dimensions ..... 13.50 H x 9.70 W x 6.15 D inches  
Mounting ..... Eight 0.39-inch diameter holes  
Weight ..... 14.5 lbs. (6.58 kg)

### Model 246-700

Construction ... High impact, glass-reinforced polyester  
Handset/Cord ..... 6-foot Hytrel® cord with noise-canceling mic  
Braille dial pad ..... Chrome-plated zinc  
Dimensions ..... 9.50 H x 8.00 W x 6.90 D inches  
Mounting ..... Four 0.28-inch diameter holes  
Weight ..... 4.8 lbs. (2.18 kg)

### Model 256-700

Construction ... High impact, glass-reinforced polyester  
Handset/Cord ..... 6-foot Hytrel® cord with noise-canceling mic  
Braille dial pad ..... Chrome-plated zinc  
Dimensions ..... 13.20 H x 9.40 W x 7.40 D inches  
Mounting ..... Four 0.28-inch diameter holes  
Weight ..... 10.0 lbs. (4.54 kg)

### Model 276-700

Construction:  
Front Panel ..... 14-gauge (0.075 inch) type 304 brushed stainless steel  
Back Box ..... 16-gauge (0.060) cold-rolled steel with black polyurethane finish  
Handset/Cord ..... G-style with 29-inch armored cord and internal lanyard  
Braille dial pad ..... Chrome-plated zinc  
Dimensions:  
Front Panel ..... 12.00 H x 10.00 W inches  
Back Box ..... 10.06 H x 8.43 W x 2.44 D inches  
Back Box (depth from mounting surfaces): 2.38 inches  
Panel Cutout ..... 10.06 H x 8.43 W inches  
Weight ..... 7.0 lbs. (3.18 kg)

### Approval Standards

Compliance to Standards ..... FCC CRF 47 Part 15  
Safety of Information Technology  
Equipment ..... UL/CSA 60950  
Enclosures for Electrical Equipment ..... Type 3R

## Available Models

Part #	Description
226-700	Rugged Handset VoIP Telephone; Surface Mount; Weatherproof Type-3R; Gray Sand-cast Aluminum Enclosure; 15-inch Armored Handset Cord, Volume Control Pushbutton
246-700	Indoor Handset VoIP Telephone; Surface Mount; Gray Valox Enclosure; 6-foot Extended, Hytrel® Handset Coiled Cord, Volume Control Pushbutton
256-700	Weatherproof Handset VoIP Telephone; Surface Mount; Gray Valox Enclosure; 6-foot Extended, Hytrel® Handset Coiled Cord; Volume Control Pushbutton
276-700	Flush-mount Handset VoIP Telephone, Weatherproof Type-3R; Brushed Stainless Steel Front Panel, 29-inch Armored Handset Cord, Volume Control Pushbutton



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