

Features

- **Flush-mount Design for Indoor Use**
- **Embedded Browser or Web Page Configuration**
- **Power over Ethernet or Alternative 24-48 Vdc Supply**
- **SIP Compatible**
- **Real-time Email Fault Reporting**
- **Brushed Stainless Steel Front Panel**
- **Front Panel Volume Control Pushbutton**
- **RJ45 LAN or WAN Direct Connection**
- **Four Contact Inputs and Two Relay Outputs**
- **Handset with Noise-cancelling Microphone, Hearing Aid-compatible Receiver, and 12-inch Armored Cord with Anchored Lanyard**
- **Ringer with Loudness Control**
- **UL /CSA 60950**
- **FCC CRF 47 Part 15**



Model 276-710BH



Model 277-710BH

GAI-Tronics Behavioral Health series of rugged telephones are designed for use in environments where conversation privacy is desired but safety is a concern. The Model 276-710BH Flush-mount Handset Telephone is equipped with a shortened, 12-inch handset cord to prevent the handset being used as a weapon. The cord is also short enough to prevent the possibility of strangulation. Its rugged design provides both quality and longevity.

The Model 276-710BH is a SIP-compatible telephone that is ideally suited for flush-mount installation in any area requiring either standard telephone or auto-dial/ring-down operation. The unit's rear dust cover protects the electronics for in-wall installation. The Model 238-001FS enclosure can be used if surface mounting is more desirable.

The 276-710BH is intended for connection to a 10/100 BaseT Ethernet SIP network and will operate over PoE or an alternative power source. Each telephone features real-time reporting that enables the system supervisors to monitor the phone's activity and address callers' needs or maintenance issues immediately.

The Model 277-710BH provides the same features in an auto-dial configuration. Adding an "AC" suffix at the end of each model will increase the handset cord length to 15 inches.

Specifications

Power

Network Power Power-over-Ethernet, 802.3af compliant (via RJ45)
Local Power Requirements 24 to 48 V dc, 6 W

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 3x4 matrix
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 Pushbutton, volume control
Internal..... Mic bias, reset switch, handset enable

Indicators

Internal..... Power, Heart beat, & EACT LED's
Configuration..... Embedded web server
Monitoring and Reporting Real-time over TCP/IP proprietary Syslog application or email

Environmental

Operating Temperature Range - 4°F to +131°F (-20°C to +55°C)
Storage..... - 40°C to +70°C
Relative Humidity Up to95% non-condensing
PCBA (printed circuit board assembly)..... Conformal coated

Mechanical

Construction:

Front Panel 14-gauge Type 304 brushed stainless steel
Dust Cover..... 16-gauge cold-rolled steel with black polyurethane finish

Dimensions

Front Panel..... 8.5 H x 6.5 W (215 x 165.1 mm)
Dust Cover (depth from mounting surface)..... 2.37 in.
Panel Cut-out (for flush-mounting) 7.75 H x 5.75 W in. (196.6 x 146.1 mm)
Weight 5.5 lbs (2.5 kg)
Handset/Cord..... "G" style with anchored armored cord
Braille Dial Pad (Model 276-700BH) Chrome-plated zinc

Approvals

Compliance to Standards FCC CRF 47 Part 15
Safety of Information Technology Equipment..... UL/CSA 60950

Accessories

233-001 Security Screwdriver (Torx T-25)

