



#### Typical installation locations include:

- Hospital rooms (OR/ER)
- Drug manufacturing facilities
- Food processing facilities
- Semi-conductor manufacturing facilities

- VoIP design, SIP compatible
- Web page configuration
- PoE or external 24-48 V dc power
- Real-time alarm reporting via email
- RJ45 direct connection
- Three auto-dial numbers allow quick communication at the touch of a button
- Completely smooth front panel is sealed with an overlay that keeps the phone particulate-free and makes cleaning quick and easy
- Oversized buttons with clearly marked functions permit operation for gloved hands
- Auto-answer feature
- Multi-cast (up to 8 addresses) or peer-to-peer capable
- Four inputs and two volt-free outputs for peripheral control
- Flush or Surface-mount model
- Automatic call divert (rollover), via memory list
- Compatible with TMA software for usage and maintenance
- CE / ROHS Compliant

The Clean Phone® VoIP Telephone offers hands-free communications over an existing VoIP network for clean room environments. These telephones are intended for connection via RJ45 to a 10/100 BaseT Ethernet and operate using either PoE or an external dc power source. The Clean Phone® VoIP Telephone features alarm reporting that enables system supervisors to monitor the telephone's activity and address maintenance issues immediately. The Clean Phone® VoIP Telephone is also compatible with GAI-TRONICS' TMA (Telephone Management Application) software for maintenance monitoring from a central location. Embedded web pages permit access to each telephone, via a browser such as Internet Explorer®, to view, monitor, and change settings within the unit.

**The Clean Phone® VoIP Telephone graphic overlay is designed to withstand exposure to many chemicals. Please contact the factory for questions pertaining to chemicals not listed below:**

Ajax / Vim in solution	Caustic soda (<40%) <sup>1</sup>	Glycerine	Paraffin oil	SBP 60/95 <sup>1</sup>
Alkalicarbonate solution <sup>1</sup>	Cutting oil	Glycol	Persil powder in solution <sup>1</sup>	Sulfuric Acid (<10%)
Ammonia (<40%)	Cyclohexanol	Gumption <sup>1</sup>	Petroleum spirit <sup>1</sup>	Tomato Ketchup
Acetic Acid (50%)	Diacetone alcohol	Hydrochloric acid (<36%)	Phosphoric acid (<30%)	Trichloroacetic acid (<50%)
Ariel powder in solution <sup>1</sup>	Diesel	Linseed Oil	Potassium ferricyanide	White Spirit
Bleach <sup>1</sup>	Downey / Lenor <sup>1</sup>	Methanol	Potassium hydroxide (<30%)	Windex <sup>1</sup>
Castor oil	Ethanol	Nitric Acid (<10%)	Pure Turpentine	Wisk

<sup>1</sup>Extremely faint glossing of the texture was noted.

**The CLEAN PHONE® VoIP TELEPHONE graphic overlay is NOT resistant to the following:**

Concentrated Mineral acids	High pressure steam at over 100°C	Methylene chloride
Concentrated caustic solution	Benzyl alcohol	UV
Dimethylformamide	Tetrahydrofuran	

# Clean Phone® VoIP Telephone - Technical Specifications

## General Specifications

**Casing Material:** Front panel: 8 mil polyester over 16-gauge stainless steel. Back enclosure: 16-gauge stainless steel

**Keypad:** 3x4 matrix. Push buttons: Three autodial and an off-hook indicator/switch

**Temperature:** Operating: -20° C to +60° C  
Storage: -40° C to +70° C

**Weather Resistance:** Up to IP65

**Relative Humidity:** Up to 95%, non-condensing

**External I/O:** 4 configurable inputs, Output 1: 10 A @ 30 V ac/dc (resistive load)  
Output 2: 50 mA @ 30 V ac/dc (resistive load)

**Audio output:** 85 dB SPL or greater @ 1.0 meters (@ 1 kHz)

**Weight:** 4.6 kg approx

**Power supply:** Power-over-Ethernet, 802.3af compliant (via RJ45), or External power supply 24-48Vdc, 60W.  
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

**Call set-up Protocol:** Session Initiation Protocol (SIP) (RFC 2361 compliant) Loose routing

**Configuration:** Web page, configuration file, static IP address provisioning or DHCP

**Monitoring and reporting:** Real-time over TCP/IP proprietary Syslog application, email embedded SMTP client Automatic fault reporting, or TMA monitoring

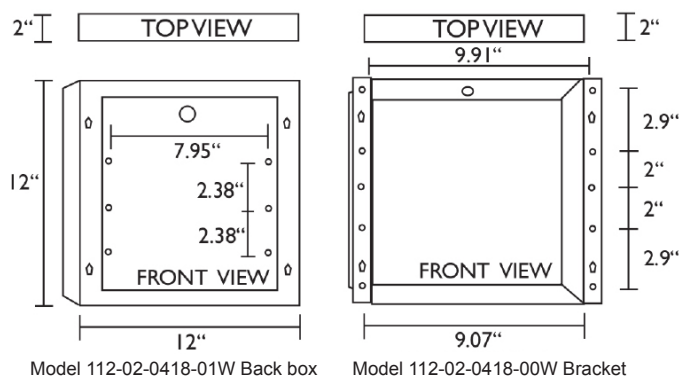
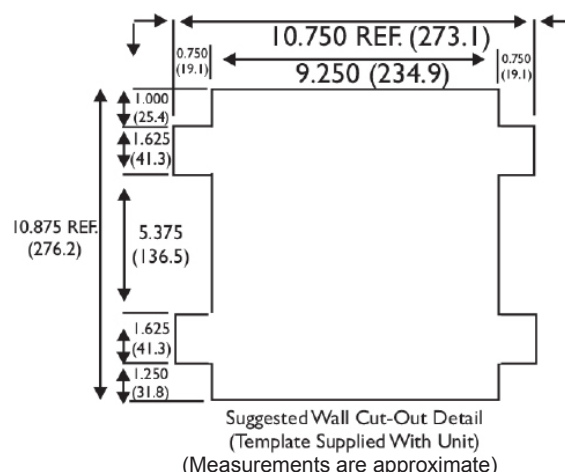
**Multicast Capability:** up to 8 addresses

**Audio Path Testing:** Allows remote testing of microphones and speakers, to verify that a phone is functioning acoustically. Can be run on demand or on a scheduled basis, reporting its results via Syslog and / or email.

## Optional Accessories

Please ask for Brochure **B150** or visit [www.gai-tronics.com](http://www.gai-tronics.com)

## Dimensions



## Approvals



This mark indicates compliance with the:  
Radio & Telecommunications Terminal Equipment Directive  
1999/5/EC (R&TTE)  
2011/65/EC- RoHS 2 Directive



Empowered by Innovation

For specific country approval, please call

## Order Information

For more details, please contact GAI-TRONICS:

T: 01283 500500, F: 01283 500400, E: [sales@gai-tronics.co.uk](mailto:sales@gai-tronics.co.uk)

Part Number	Description
112-02-0418-01W	Wall-mount Clean Phone® VoIP Telephone (CE)
112-02-0418-00W	Flush-mount Clean Phone® VoIP Telephone(CE)



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USA: Tel: +1 (610) 777-1374  
Italy: Tel: +39 02 4860 1460  
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