CLEAN PHONE® VoIP Telephone
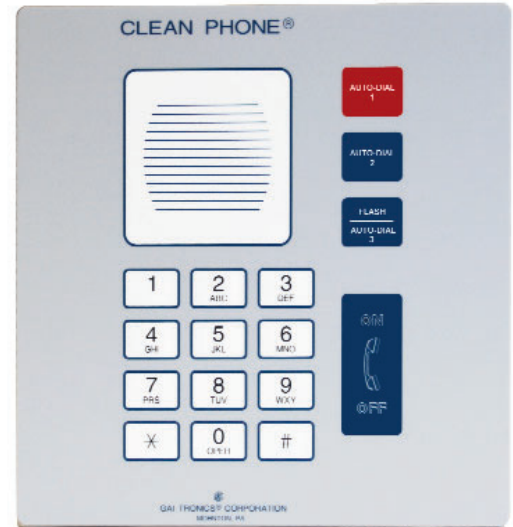## Model 295-712x

GAI-TRONICS®

Features

- **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**
- **Multicast (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**
- **UL/CSA 60950 Listed**
- **Compatible with TMA (Telephone Management Application) Software**

Typical installation locations include:
- Hospital rooms (OR/ER)
- Drug manufacturing facilities
- Food processing facilities
- Semi-conductor manufacturing facilities

CISCO™ Compatible

The **Clean Phone® VoIP telephone** offers hands-free communications over an existing VoIP network for clean room sterile 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 and activity 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	Downey / Lenor[1]	Phosphoric acid (<30%)
Alkalicarbonate solution[1]	Ethanol	Potassium ferricyanide
Ammonia (<40%)	Glycerine	Potassium hydroxide (<30%)
Acetic Acid (50%)	Glycol	Pure Turpentine
Ariel powder in solution[1]	Gumption[1]	SBP 60/95[1]
Bleach[1]	Hydrochloric acid (<36%)	Sulfuric Acid (<10%)
Castor oil	Linseed Oil	Tomato Ketchup
Caustic soda (<40%)[1]	Methanol	Trichloroacetic acid (<50%)
Cutting oil	Nitric Acid (<10%)	White Spirit
Cyclohexanol	Paraffin oil	Windex[1]
Diacetone alcohol	Persil powder in solution[1]	Wisk
Diesel	Petroleum spirit[1]	

[1] 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	

Specifications

Power . . . . Power-over-Ethernet, 802.3af compliant (via RJ45), or External power supply 24-48 V dc, 6 W. 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

INPUTS*
Keypad . . . . 3x4 matrix
Call Push Buttons . . . . Autodial (3)
Activation Push Buttons . . . . ON/OFF
Configurable inputs 4

OUTPUTS
Output 1 . . . . 10 A @ 30 V ac/dc (resistive load)
Output 2 . . . . 50 mA @ 30 V ac/dc (resistive load)
Speaker out (max.) . . . . 85 dBS spl @ 1 meter
Ambient Noise Level Limit . . . . 75 dBA
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

OUTPUTS continued...
Call Diversion . . . . Configurable call list (max 20 entries)
Multicast Capability . . . . up to 8 addresses
Compliance to Standards . . . . FCC CRF 47 Part 15 UL/CSA 60950

ENVIRONMENTAL
Temperature range:
Operating . . . . -4° F to +131° F (-20° C to +55° C)
Storage . . . . -40° C to +70° C
Relative Humidity . . . . Up to 95%, non-condensing
PCBA . . . . Conformal coated

CONSTRUCTION
Front Panel . . . . 8 mil polyester over 16-gauge stainless steel
Back enclosure or Mtg. Bracket . . . . 16-gauge stainless steel

DIMENSIONS
Front Panel . . . . 12.0 W x 12.0 H inches (305 W x 305 H mm)
Mtg. Bracket (295-712F) . . . . 10.7 W x 10.8 H x 1.8 D inches (273 W x 276 H x 44 D mm)
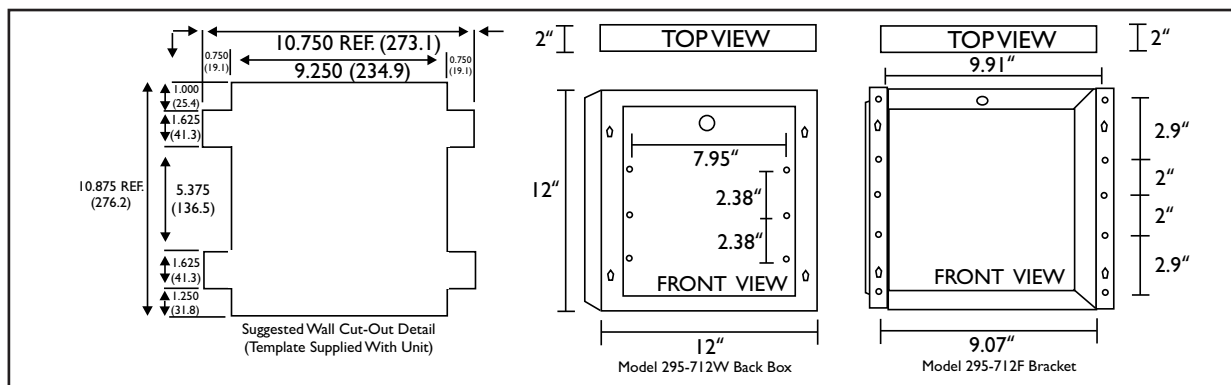Back Enclosure (295-712W) . . . . 12.0 W x 12.0 H x 3.5 D inches (305 W x 305 H x 52 D mm)

WEIGHT (shipping)
Model 295-712W . . . . 10.2 lbs
Model 295-712F . . . . 10.0 lbs

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

Mounting Details

Suggested Wall Cut-Out Detail (Template Supplied With Unit)

Model 295-712W Back Box

Model 295-712F Bracket

Ordering Information

Model No.	DESCRIPTION:
295-712F	Flush-Mount Clean Phone® VoIP telephone
295-712W	Wall-mount Clean Phone® VoIP telephone
12509-044	TMA (Telephone Management Application) Package - VoIP

Accessories & Options

Model No.	DESCRIPTION:
235	Maintenance Cover
40419-011	Optional Plug-in Power Supply (purchased separately)

HUBBELL® | **GAI-TRONICS®**