



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model 236-001 Series Surface-Mount Telephone Enclosures

Confidentiality Notice

This manual is provided solely as an operational, installation, and maintenance guide and contains sensitive business and technical information which is confidential and proprietary to GAI-Tronics. GAI-Tronics retains all intellectual property and other rights in or to the information contained herein, and such information may only be used in connection with the operation of your GAI-Tronics product or system. This manual may not be disclosed in any form, in whole or in part, directly or indirectly, to any third party.

General Information

The Model 236-001 Series Surface-Mount Telephone Enclosures are designed to house all standard GAI-Tronics flush-panel telephones measuring 12.0 H × 10.0 W inches. The following components are supplied with a surface-mount enclosure:

Qty	Description
1	Telephone jack
1	Adhesive pad (double sided)
2	Labels showing a telephone handset symbol
1	CAUTION label

Installation

Safety Guidelines



When installing GAI-Tronics' telephone equipment, please adhere to the following guidelines to ensure the safety of all personnel:

- NEVER install telephone wiring during a lightning storm.
- NEVER install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- NEVER touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- USE CAUTION when installing or modifying telephone lines.

Installation Guidelines

- GAI-Tronics' Emergency Telephones are not designed to be installed in parallel or to be "party-lined." Any such installation can cause programming difficulties, premature disconnection of calls, or stations that may not respond when activated. GAI-Tronics highly recommends that one telephone line (PBX extension or CO line) be allocated for each unit.
- GAI-Tronics highly recommends that a telephone line surge suppressor be installed to guard against lightning strikes.
- Sealed fittings should be installed at all cable entry points to prevent liquids from entering the unit.

Mounting

 **NOTE**  GAI-Tronics flush-mount style telephones are equipped with a metal back box that is not required and *should be removed* prior to installing the telephone in the surface-mount enclosure.

1. Mount the enclosure on a flat wall surface using the four 5/16-inch (0.312) diameter mounting holes as shown in Figure 1. Mounting hardware is not provided.
2. Determine a suitable location for conduit/cable entry:
Recommended: bottom surface
Acceptable: rear surface
Not recommended: top surface
3. Drill or punch conduit entries, as required.

 **WARNING**  **To prevent accidentally damaging equipment, drill all holes before mounting the telephone.**

4. *Attention*—Use silicone sealant around and inside all conduit entries to prevent the ingress of liquids.

Wiring

1. Install a telephone line surge suppressor (customer-supplied) on the telephone line, if applicable.
2. Remove and discard the cover from the telephone jack.
3. Remove the backing from one side of the adhesive pad, and affix to the rear of the telephone jack.
4. Remove the backing from the other side of the adhesive pad, and affix the telephone jack to the top of enclosure, positioning the RJ11 connector toward the inside center of the enclosure. See Figure 1.
5. Connect the tip and ring of the telephone line to the green and the red wires respectively of the telephone jack. (**NOTE:** No connections are made to the black and yellow wires.)
6. Secure the CAUTION label to the rear surface of the enclosure, in proximity of the telephone jack. Refer to Figure 1 for recommended location.
7. Connect the flush-mount telephone line cord to the telephone jack.

Model 236-001 Series Surface-Mount Telephone Enclosures

8. Attach the front panel of the flush-mount telephone to the mounting flanges of the enclosure using the six #10 security screws and the six black flat washers that are provided with the telephone. A Model 233-001 Security Screwdriver (sold-separately) is recommended for installing the security screws.
9. Secure a telephone handset symbol label to the right side and to the left side of the enclosure's exterior. See Figure 1.

Specifications

Construction..... 0.063 aluminum sheet
 Finish Polyurethane paint
 Mounting..... Four 5/16-inch (0.312) diameter mounting holes in mounting bosses
 Dimensions 12.3 H × 10.31 W × 6.37 D inches; (312 × 262 × 162 mm), maximum
 Shipping weight 3.5 lb. (1.6 kg) maximum

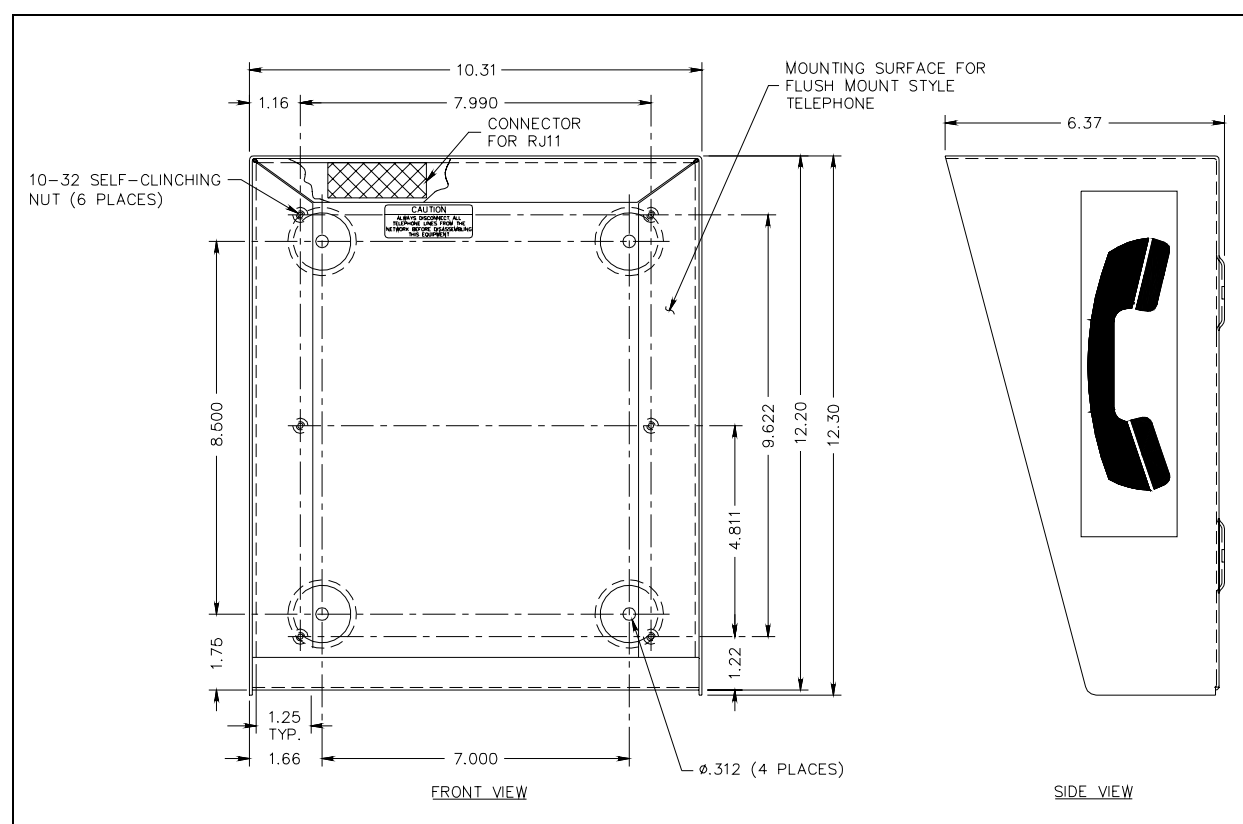



Figure 1. Model 236-001 Series Surface-Mount Enclosure Outline

Ordering Guide

Model	Description
236-001BK	Surface-Mount Enclosure, Black
236-001RD	Surface-Mount Enclosure, Red
236-001YL	Surface-Mount Enclosure, Yellow
25301-257	 Label
25301-077	Emergency Label
231	Pole Mounting Kit
233-001	Security Screwdriver

Warranty

Equipment. GAI-Tronics warrants for a period of one (1) year from the date of shipment, that any GAI-Tronics equipment supplied hereunder shall be free of defects in material and workmanship, shall comply with the then-current product specifications and product literature, and if applicable, shall be fit for the purpose specified in the agreed-upon quotation or proposal document. If (a) Seller's goods prove to be defective in workmanship and/or material under normal and proper usage, or unfit for the purpose specified and agreed upon, and (b) Buyer's claim is made within the warranty period set forth above, Buyer may return such goods to GAI-Tronics' nearest depot repair facility, freight prepaid, at which time they will be repaired or replaced, at Seller's option, without charge to Buyer. Repair or replacement shall be Buyer's sole and exclusive remedy. The warranty period on any repaired or replacement equipment shall be the greater of the ninety (90) day repair warranty or one (1) year from the date the original equipment was shipped. In no event shall GAI-Tronics warranty obligations with respect to equipment exceed 100% of the total cost of the equipment supplied hereunder. Buyer may also be entitled to the manufacturer's warranty on any third-party goods supplied by GAI-Tronics hereunder. The applicability of any such third-party warranty will be determined by GAI-Tronics.

Services. Any services GAI-Tronics provides hereunder, whether directly or through subcontractors, shall be performed in accordance with the standard of care with which such services are normally provided in the industry. If the services fail to meet the applicable industry standard, GAI-Tronics will re-perform such services at no cost to buyer to correct said deficiency to Company's satisfaction provided any and all issues are identified prior to the demobilization of the Contractor's personnel from the work site. Re-performance of services shall be Buyer's sole and exclusive remedy, and in no event shall GAI-Tronics warranty obligations with respect to services exceed 100% of the total cost of the services provided hereunder.

Warranty Periods. Every claim by Buyer alleging a defect in the goods and/or services provided hereunder shall be deemed waived unless such claim is made in writing within the applicable warranty periods as set forth above. Provided, however, that if the defect complained of is latent and not discoverable within the above warranty periods, every claim arising on account of such latent defect shall be deemed waived unless it is made in writing within a reasonable time after such latent defect is or should have been discovered by Buyer.

Limitations / Exclusions. The warranties herein shall not apply to, and GAI-Tronics shall not be responsible for, any damage to the goods or failure of the services supplied hereunder, to the extent caused by Buyer's neglect, failure to follow operational and maintenance procedures provided with the equipment, or the use of technicians not specifically authorized by GAI-Tronics to maintain or service the equipment. THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Return Policy

If the equipment requires service, contact your Regional Service Center for a return authorization number (RA#). Equipment should be shipped prepaid to GAI-Tronics with a return authorization number and a purchase order number. If the equipment is under warranty, repairs or a replacement will be made in accordance with the warranty policy set forth above. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts.

Call 800-492-1212 (inside the USA) or 610-777-1374 (outside the USA) for help identifying the Regional Service Center closest to you.