

703A Multi-Party Indoor 115 V AC Amplifier Enclosure

General Information

This manual is provided as a simple installation guide for the 703A Enclosure. For the complete installation, operation and maintenance manual please visit <http://www.gai-tronics.com/manuals>.

Mounting.....	Wall or column, four 0.31-inch (7.8 mm) mounting holes
Connections.....	Internal screw-type barrier terminal blocks
Dimensions.....	12.3 H × 8.1 W × 5.1 D inches (313 × 206 × 129 mm)
Shipping weight.....	7.5 lbs. (3.4 kg)

Installation



CAUTION This equipment is suitable for use in Class I, Division 2, Groups A, B, C and D or non-hazardous locations only. Combinations of equipment in your system are subject to investigation by the local Authority Having Jurisdiction at the time of installation. See full product manual for additional information at www.gai-tronics.com.

Enclosure Placement

All GAI-Tronics Page/Party® units are wired in parallel. Good system layout design minimizes the cable required for each installation. GAI-Tronics multi-conductor cable, designed especially for this application, is recommended.

System layout and power cable length are very important when installing Page/Party® equipment. Although it varies for different systems, the general guideline is that the total power cable length should not exceed 1 mile (5280 feet) for 115 V ac systems. The total cable length is the most important consideration while cable length between the stations is generally not a factor.

Mounting

The 703A Indoor Enclosure is not supplied with conduit or cable openings. Drill or punch these openings using the template supplied before mounting the enclosure. The recommended cable entry point is via the bottom of the enclosure near the rear surface to prevent moisture from dripping onto the terminals or PCBAs. A secondary location for cable entry is in the top of the enclosure toward the sides. Avoid the top center, as it may interfere with the plug-in amplifier receptacle. Under no circumstances should cable entries be made in the side of the enclosure as this may interfere with the installation of the plug-in amplifier.

For specific details including mounting hole dimensions, refer to Figure 2. When mounting the enclosure, use caution to avoid damaging the terminal blocks inside. The suggested mounting height for all station enclosures is 54 inches (137 cm) up to the centerline of the enclosure.

Wiring

Attach the conduit to the enclosure. Feed the wiring through the conduit and bring it into the enclosure. See Figure 1. Follow the wire colors carefully because the colors correspond to GAI-Tronics 60029 series multi-party cable. The wires must be spade-lugged and connected carefully and completely to the terminal block. An improper termination may result in diminished station performance.

Local Muting

Figure 1 illustrates local speaker muting when stations are completely assembled and paging operation occurs. Normally, when the station button is pressed, the paging speaker connected to that station is silenced (muted) to prevent acoustic feedback to the handset microphone. However, while the handset is in use for party line conversations, the paging speaker is “live” to enable paging calls from other stations.

To disable the mute feature, follow these instructions:

1. Locate the lugged violet wire attached to terminal point 7 (mute) on the terminal block within the enclosure.
2. Transfer the lugged violet wire to terminal point 8 (Page L1).

After any muting changes are made, unpack the station amplifier and install.

In the event that feedback occurs within an area and repositioning of the system speakers does not help, mutual muting may be used to correct this problem. For instructions on mutually muting the station, see the complete installation, operation and maintenance manual at <http://www.gai-tronics.com/manuals>.

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.