



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Speech Board Assembly Kit

Model 69107-003 Series

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General Information

The Model 69107-003 Speech Board Assembly Kit provides speech messages that are broadcast in addition to alarm tones when installed in a TS959 Tone/Speech Generator. The speech printed circuit board assemblies (PCBA) stores the prioritized speech messages.

The actual message content is defined by the end-user and is digitally recorded onto the speech board by GAI-Tronics. After recording is complete, each speech board is given a unique part number to identify the actual speech content. The speech board's EPROM is marked with this number.

Example: 67107-003-**B02001**

 This part number code designates the customer specific speech messages.

The Model 69107-003 Speech Board Assembly Kit includes the following components:

Qty	Description
1	Speech Board Assembly
3	Standoffs, 1/2-inch

Installation



WARNING

Disconnect ac power during this installation procedure. The Model TS959 Tone/Speech Generator can present a 110-220 V ac shock hazard. Please use care when handling this device.



Warning: Observe precautions for handling electrostatic sensitive devices.

MODEL 69107-003 SERIES SPEECH BOARD ASSEMBLY KIT

Instructions

Note: The 69107-003 Speech PCBA is not compatible with the TS958 Tone/Speech Generator.

1. Remove the ac power from the TS959.
2. Loosen the four captive screws from the front cover of the TS959.
3. Swing the cover open and remove the ribbon cable from J1 on the 69105-004 Termination PCBA. To remove the ribbon cable from J1, push the latch eject levers on each side of the connector. Refer to Figure 1.

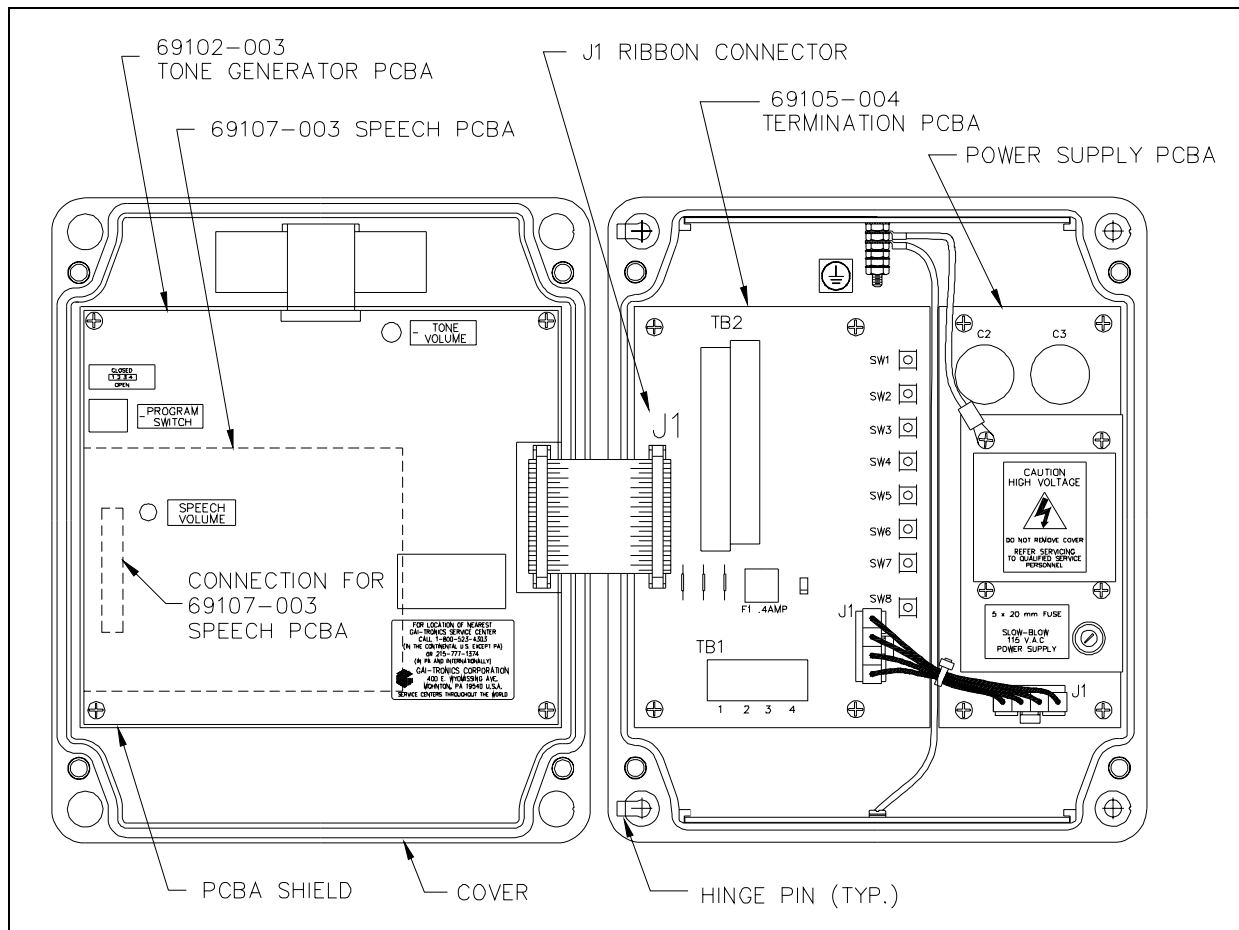


Figure 1. TS959 Outline Diagram

4. Remove the TS959 front cover completely by pulling the hinges out of the holes in the rear enclosure.
5. Remove the four screws from the PCBA shield on the rear of the cover, and set the shield aside.
6. Locate J1 on the 69107-003 Speech Board Assembly, and J3 on the 69102-003 Tone Generator PCBA. Insert J3 into J1, and press the plastic standoffs on the 69107-003 Speech Board Assembly into the holes provided on the 69102-003 Tone Generator PCBA. Refer to Figure 1.
7. Reinstall the shield, the ribbon cable, and the front cover.

The installation of the 69107-003 Speech Board Assembly is now complete.

Operation

The TS959 Tone/Speech Generator is activated by user-supplied switches or relay contacts. The alarm activation inputs are priority encoded. If multiple alarms are activated, the TS959 will broadcast the alarm (tone and speech) having the highest priority. When this high priority alarm becomes inactive, another active alarm is transmitted.

The user programmed parameters determine how the tones are activated, the duration of each tone, and the number of times that a speech message is repeated. Please refer to the TS959 Tone/Speech Generator Instruction Manual (Publication 42004-278) for programming instructions.

Maintenance

The Speech Board Assembly does not contain any user-serviceable parts. 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 will be made without charge. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts. Call 800-492-1212 for help identifying the Regional Service Center closest to you.

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.

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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.

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Return Policy

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