

ELECTRO INDUSTRIES - FIELD SERVICE BULLETIN

Bulletin Number 1086 Date June 16, 2004

Product Name GenConnect, all automatic models

Affected Product Model Numbers: LG-***A***
TC-***A***

Serial # _____ through _____

ARL # _____ through _____

Production Date _____ through 6/16/2004

FIELD INFORMATION

Background

The intent of this document is to provide information relating to the latest firmware (programming) within the GenConnect series products. There have been factory updates to enhance the overall performance and overcome some timing issues relating to various interaction between generator manufacturer's logic board and the logic board within this product.

Version 3.40, dated 08-17-00, was the standard program for 2000 through the majority of 2002. The Version 5.00, dated 10-07-02, has significant improvements.

The program Version number is found on the top logic board, approximate center, white decal on the integrated plug-in chip.

Summary

- Version 5.00 – 10-07-02 Suggested series to be using.
- Version 5.10 – 09-25-03 Has an additional 3-minute reset function, could overcome inadvertent HOLD but not required.
- Version 5.20 – 01-16-04 Fixes a bug in "Hot Test Run" only. Only significant if using "Hot Test Run" function.

Action

Update can be implemented by ordering a complete new board set or the plug-in program chip. In the case of a new board set, depending upon age and condition, the change-out board set may be recycled to Electro for partial credit.

- Board set – LG3603-GT List \$410
- Change-out program – UIC9266 V5.20 (R-062) List \$29

Additional Information, In House Display/Phone Dialer Capability

Some what coincident with this upgrade there is also an additional control board option which provides interface with the GenTrac in house display and provides some interfacing capability for a phone dialer. The attached information sheet, LD403, provides some basic information on this option accessory. Note: If using the GenTrac display, must use LG3603-GT additional function control board.

Enclosures: LD114, LD403

Approval W. Snyder Date 6-21-09

LG3603-GT

Kit includes both boards.

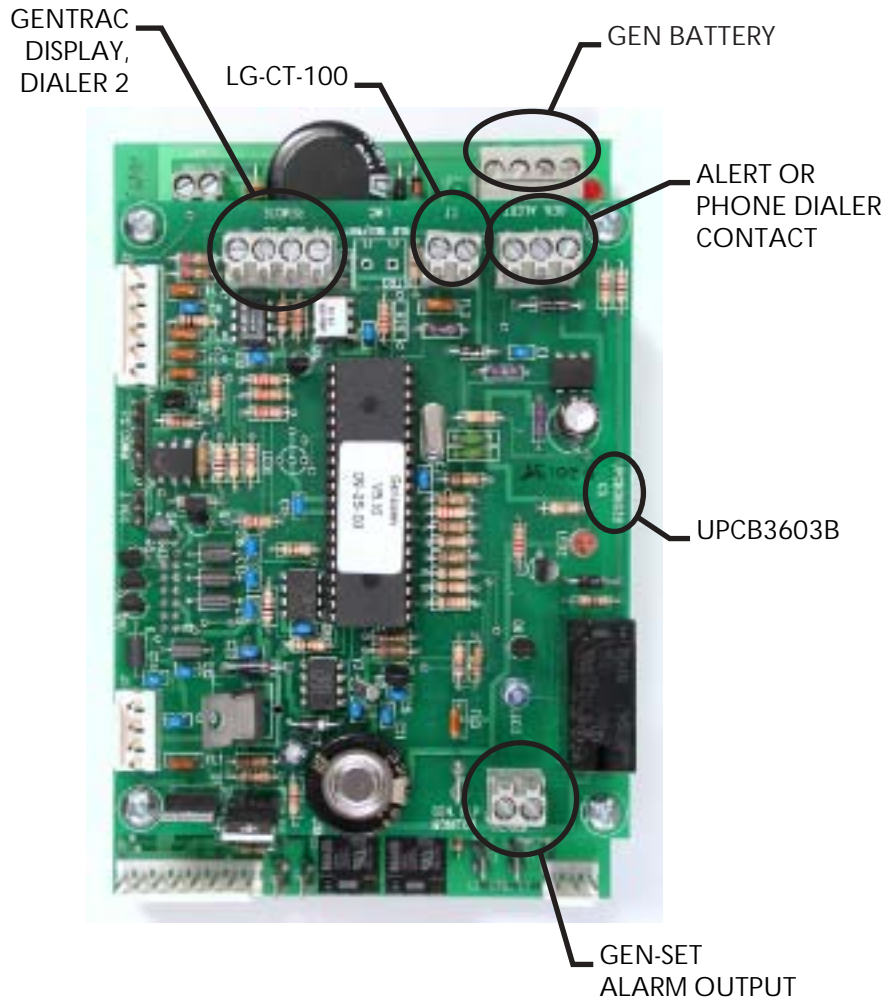
Use on any product whose model number has "A" as a center character.

Version 5.2 & up

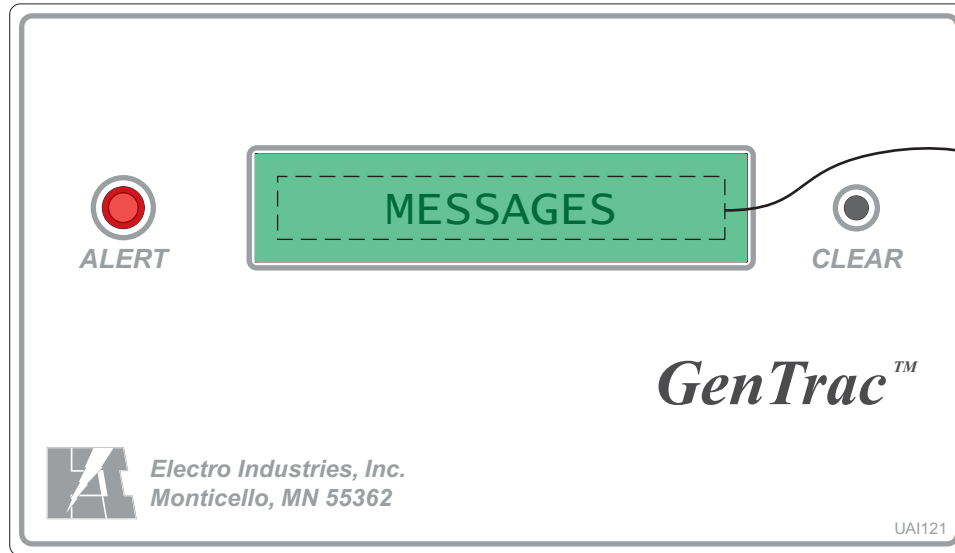
Application

- Battery connection
- Potential for GenTrac display
- Automatic start Gen-Set
- Phone Dialer 1 or 2

Adding CT option LG-CT-100 allows display to show Gen-Set running capacity "GEN AT ___%"



IN-HOUSE DISPLAY



Use with LG3601-GT or LG3603-GT only.

MESSAGES

READY
START GEN
GEN RUNNING
GEN AT ____% *
LOW BATT
GEN FAILURE **
LOW VOLTAGE
HI VOLTAGE
GEN STOPPED
TRANSFER ERROR
UTILITY UNSTABLE
OUTAGE ____ MIN

* Replaces GEN RUNNING message if CT option LG-CT-50 (or -100) is installed

** Requires contact closure (or 12V pulse) from Gen-Set Connection

Phone Dialer Option

Dialer I

- Single Function or Message
- Triggered Red/Grn LED (except Low & Hi voltage)
- Could repeat as auto reset cycle

Dialer II

- 5 Call codes
- Includes low battery
- Site program call sequence
- Programmable timeouts