

Interrogator Alarm Verification Module

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RELEASE NOTES

About This Document

This document describes the following changes to the Interrogator Alarm Verification Module (60-471):

- New location for terminal 1 ground diode.
- Longer response time for trip action settings in version 1.4 software with some panels.
- New Interrogator Module operations for control panels (panels) using PMODES with two phone numbers.
- Shielded cable connections for microphone wiring.

Keep this document with your *Interrogator Installation Instructions* (46-591).

New Location of Terminal 1 Ground Diode

The terminal 1 ground diode moved from above the terminal strip to the left of it (see Figure 1). The new location is also easier to access.

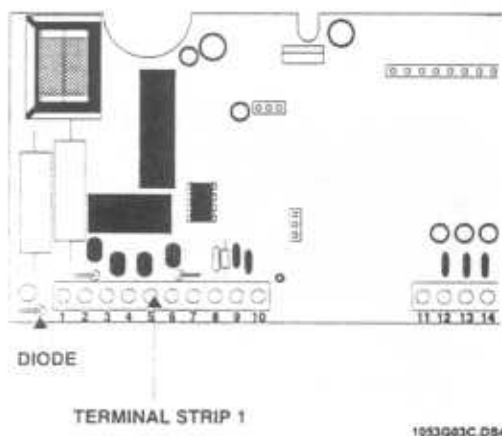


Figure 1. New Location of the Ground Diode

Longer Trip Action Response Time in Version 1.4 Software

Interrogator trip action settings now allow the central station operator the following time windows to get on-line by pressing *:

- 60 seconds with CareTaker[®] Plus (60-435) or Commander[®] 2000 (60-437)
- 30 seconds with SX-V (60-181)

Earlier software versions allowed 30 seconds for all panels.

New Operations for Panels Using PMODES with Two Phone Numbers

Version 1.4 software changed how the Interrogator Module operates when panels use PMODEs with two phone numbers.

SX-V and CareTaker Plus

In all released software versions (revisions A through K for SX-V and revisions 1.0, 2.0, and 2.1 for CareTaker Plus), panels report the initial alarm using Phone 1.

Once the alarm reports, the Interrogator Module takes control of the phone line for listen-in/talk-back operation. This phone control prevents panels from sending reports using Phone 2 and usually results in a local 96 Fail-to-Communicate condition.

Panels may successfully report to Phone 2 if the listen-in/talk-back session ends before the panel uses up all attempts to report to Phone 2. However, a 96 Fail-to-Communicate message may still occur, since all monitored ITI systems send this report after three failed attempts.

Commander 2000

In software revision 3.0 (currently the only version available), the panel reports to both Phone 1 and Phone 2 before activating the Interrogator Module for listen-in/talk-back operation.

Recommendations

To avoid a possible 96 Fail-to-Communicate condition, select PMODE 1 when using the Interrogator Module with an SX-V or CareTaker Plus Panel.

To ensure the earliest listen-in/talk-back session, select PMODE 0 when using an Interrogator Module with a Commander 2000 Panel.

Shielded Cable Connections for Microphone Wiring

To eliminate hum, noise, or other interference, always connect each microphone's bare lead to Interrogator Module terminal 13 (see Figure 2). The microphone does not need to be connected to the bare lead (at the other end).

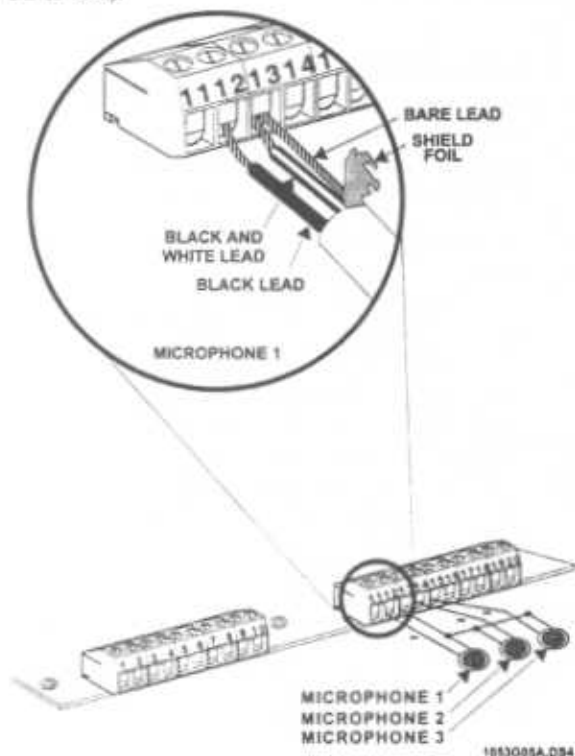


Figure 2. Connecting the Microphone's Bare Lead to the Interrogator Module

Notices

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Interactive Technologies, Inc. can void the user's authority to operate the equipment.



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