Installation Manual Insert for
iMA iGuard Mimic (Repeater) Annunciator
Version 1.26

iG-04069N
Insert to: iG-02117N & eGD-04070N
Effective 04-04
Section 75 (00-02-0570)

murphy®

Please read the following information before installing. A visual inspection of this product for damage during shipping is recommended before mounting. It is your responsibility to have a qualified person install this unit and make sure it conforms to NEC and local codes.
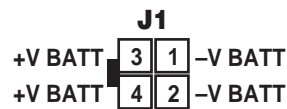
GENERAL INFORMATION

iMA iGuard Mimic (Repeater) Annunciator

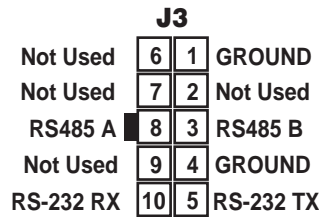The iMA is composed of the bezel, o-ring, the user interface board, and a wire cover.

To operate the iMA, power must be supplied to the J1 connector on the rear of the unit.

J1 Power Connector:

J1

| +V BATT | 3 | 1 | –V BATT |
| +V BATT | 4 | 2 | –V BATT |

The iMA with the host iGuard controller via a RS485 two wire + shield connection. The connector is wired as shown below:

J3 Communications Connector:

J3

Not Used	6	1	GROUND
Not Used	7	2	Not Used
RS485 A	8	3	RS485 B
Not Used	9	4	GROUND
RS-232 RX	10	5	RS-232 TX

To configure the iMA for a particular application, after applying power:

Press the BACK & NEXT keys at the same time.
The screen will change to identify the hardware/software as configured.
Press NEXT
The top line will display the station number.

The menus are as follows:
1. Modbus server address - This is the address of this device as seen on the network. Default is 243.
2. Key sensitivity level - This sets the required amount of force to activate the keypad. Default is Normal
3. LCD backlight - This selects whether the LCD backlight is enabled or not. If disabled, the backlight will not come on. Default is enabled
4. iGuard beeper - This selects whether or not the station beeper is enabled. If disabled, the station will not sound any audible alarm for faults or warnings. Default is enabled.
5. Interface type - hard coded to RS485 Modbus
6. RS485 bit frame - Sets the configuration of the data transmission. Default (to match the iGuard default) is 10 bits N-8-1.
7. RS485 baud rate - Selects the data transmission rate, and must match the rate settings on the iGuard it is connected to. Default is 38400.

NOTE:
There are corresponding settings in the iGuard Installation and operations manual (iG-02117N) for choosing how the station operates. The selections are "Mimic" and "Annunciator"
*In the **Mimic** mode, the remote station is allowed to behave exactly as if it were the front panel of the actual iGuard - the user may start and stop manually, change between automatic and manual modes, acknowledge alarms, and reset the system. The only thing that a iMA iGuard mimic panel cannot do is change the programming on the master.*
*In the **Annunciator** mode, the station may acknowledge its own alarms and look at data, but it cannot do any control functions.*