StarGate-III Indicator

ZONE STATUS INDICATION

As part of an integrated StarWatch™ security system, the StarGate-III Indicator module provides a remote visual indication of the alarm state of an active system zone. Without having to physically access installed RADC panels, users are able to confirm current zone status via a wall-mounted bi-color LED and an associated alarm buzzer.

The indicator configuration consists of a main annunciator board and a remotely installed LED wall plate. These components are connected via an RJ11 cable, with a maximum distance of 1000 feet. The main board plugs directly into the StarGate-III unit at the ribbon cable connection normally used for the RADC keypad (the keypad ribbon cable re-plugs into the top of the annunciator board), while the LED plate can be mounted at any location within the cable range.

KEY FEATURES

- 8 bit microcontroller
- Pre-configured mounting kit with metal wall plate and plastic spacers
- Bi-color LED indicator
- Jumper link to manually disable alarm buzzer
- Simple connection of LED indicator board to main module using 4 conductor 1-to-1 RJ11 cable
- Easy plug-in installation
- No software re-configuration required

Once installed, the bi-color LED and buzzer combination can be used to confirm and monitor zone status. The chart below lists the states of the StarGate-III Indicator peripherals in relation to the corresponding LED states on the RADC keypad:

<table>
<thead>
<tr>
<th>State</th>
<th>Keypad Red LED (access)</th>
<th>Keypad Green LED (secure)</th>
<th>Output LED</th>
<th>Buzzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access</td>
<td>solid</td>
<td>off</td>
<td>red</td>
<td>off</td>
</tr>
<tr>
<td>Secure</td>
<td>off</td>
<td>off</td>
<td>red</td>
<td>off</td>
</tr>
<tr>
<td>Entry Delay</td>
<td>blinking</td>
<td>solid</td>
<td>green</td>
<td>on</td>
</tr>
<tr>
<td>Exit Delay</td>
<td>off</td>
<td>blinking</td>
<td>green</td>
<td>on</td>
</tr>
<tr>
<td>Alarm (while secure)</td>
<td>off</td>
<td>blinking</td>
<td>green</td>
<td>on</td>
</tr>
</tbody>
</table>
PLUG-IN INSTALLATION

The following notes describe the steps required to install the StarGate-III Indicator module.

Noting Pin 1 location, connecting the main Indicator module to the StarGate-III board and to the keypad ribbon cable is accomplished via simple plug-in connection.

The remote LED board is easily connected to the main Indicator module using a 4 conductor 1-to-1 RJ11 cable.

When plugging the main Indicator module into the StarGate-III board, the physical orientation of the module in relation to existing board components should be noted.

The side of the main Indicator module containing the alarm Buzzer must be positioned toward the StarGate-III power switch.

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