Programming Remote Keypad Sounding Options

1. With at least one two-line alpha keypad (5137AD/6139) wired and set to a proper address, power up the system temporarily by plugging the AC transformer into a 120VAC outlet (previously wired to the control).

2. Enter data field programming mode: [Installer Code] + 8 0 0.
   Program the following data fields:
   1*46 AUXILIARY OUTPUT ENABLE: Set for 2.
   *15 KEYSWITCH ASSIGNMENT,: Enter the partition whose keypad sounds are to be dupliocated at the remote sounder.

3. Press *99 to exit program mode.

The system automatically assigns Zone Type 10 to Zone 7, whether or not a keyswitch is actually used. Therefore, Zone 7 is no longer available as a protection zone, but is assigned as a keyswitch zone.

1. If you need more information about actual programming procedures, see Section 4: THE MECHANICS OF PROGRAMMING.
2. You cannot use Output 1 for a Remote Keypad Sounder if using it for an Open/Close trigger, Ground Start module, or AAV module.

Keyswitch Setup

If using an optional Remote Keyswitch for remote arming and disarming of the system, its switch must be connected to Zone 7 and its Ready and Armed status LEDs must be connected to the trigger outputs and programmed in order to become operational.

Note that a keyswitch may be used in one partition only.

Keyswitch Operation

The keyswitch must be connected to Zone 7, which is then no longer available as a protection zone. A momentary short across this zone will arm the partition in the "AWAY" mode. If the short is held for more than 3 seconds, the partition will arm in the "STAY" mode. After the partition has been armed, the next time Zone 7 is shorted, the partition will disarm.

Keyswitch Connections

1. Connect the 4146 keyswitch’s normally open momentary switch to Zone 7
2. Connect a 2k EOL resistor across the switch regardless of whether or not zones 2-8 are selected to use EOL resistors. See diagram below.
NOTE:
The tamper switch need not be used for UL Household Fire or Burglary installations. The tamper switch must be connected to an EOLR supervised zone programmed for trouble by day/alarm by night (type 05) response as shown for UL Commercial Burglary installations. When the keyswitch is removed from the wall, the tamper switch will open causing a fault (trouble or alarm) on zone 6 and causing the panel to disable keyswitch operation until the partition is disarmed from a console.

Figure 23. Remote Keyswitch Wiring

3. Connect the keyswitch Armed and Ready LEDs to the trigger connector as shown in Figure 23.

Programming The Remote Keyswitch

1. With at least one two-line alpha keypad (5137AD/6139) wired and set to a proper address, power up the system temporarily by plugging the AC transformer into a 120VAC outlet (previously wired to the control).

2. Enter data field programming mode: [Installer Code] + 8 0 0.

Program the following data fields:

- **15 KEYSWITCH ASSIGNMENT** for the partition in which the keyswitch is used.
- **40 OPEN/CLOSE REPORTING FOR KEYSWITCH** as desired. The keyswitch reports as user "0."

   The system automatically assigns Zone Type 10 to Zone 7 if a keyswitch is enabled.

3. Press **99** to exit program mode.

If you need more information about actual programming procedures, see Section 4: THE MECHANICS OF PROGRAMMING.

LED indications are defined as follows:

<table>
<thead>
<tr>
<th>Green</th>
<th>Red</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Off</td>
<td>Disarmed &amp; Not Ready</td>
</tr>
<tr>
<td>On</td>
<td>Off</td>
<td>Disarmed &amp; Ready</td>
</tr>
<tr>
<td>Off</td>
<td>On Steady</td>
<td>Armed Away</td>
</tr>
<tr>
<td>Off</td>
<td>Slow Flash</td>
<td>Armed Stay</td>
</tr>
<tr>
<td>Off</td>
<td>Rapid Flash</td>
<td>Alarm Memory</td>
</tr>
</tbody>
</table>