

on any keypad. If **Bell Squawk on Trouble** is enabled (section [014], option [5]), the bell will squawk every 10 seconds when a trouble condition is present.

**To view trouble conditions from an LED or a Fixed Message LCD keypad:**

1. Press [\*][2].
2. The keypad will flash the Trouble light. The zone indicator lights corresponding to the present trouble conditions will be ON.

When using an LCD keypad, the trouble conditions will be listed on the display. Use the arrow (< >) keys to scroll through the list of present trouble conditions.

**NOTE:** Troubles can be viewed while armed using the LCD keypad, provided the keypad is version 2.0 or later. Older keypads will incorrectly display "Fire Trouble". If using older LCD keypads, programming section [013], option [3] as OFF will ensure troubles are displayed correctly.

The various troubles are described below:

Light	Trouble								
1	<p><b>Service Required:</b> Press [1] to determine the specific trouble. Lights 1 - 8 will light up to indicate the trouble:</p> <ul style="list-style-type: none"> <li>• Light [1] Low Battery: Main panel backup battery charge is low (below 11.5 volts under load). Trouble is restored when the battery charges over 12.5 volts.</li> <li>• Light [2] Bell Circuit Trouble: The bell circuit is open (see section 5.13 "Bell").</li> <li>• Light [3] General System Trouble: The PC5204 Power Supply module has an AUX failure, PC5204 Output #1 Trouble, Home Automation Trouble, or a printer connected to the PC5400 Printer module has a fault and is off-line.</li> <li>• Light [4] General System Tamper: Tamper has been detected in a module.</li> <li>• Light [5] General System Supervisory: The panel has lost communication with a module connected to the Keybus (see section 2.7 "Supervision"). The event buffer will log the event.</li> </ul> <p><b>NOTE:</b> All tamper conditions must be physically restored before the trouble condition will clear.</p> <ul style="list-style-type: none"> <li>• Light [6] - Not used</li> <li>• Light [7] PC5204 Low Battery: The PC5204 module has a low backup battery.</li> <li>• Light [8] PC5204 AC Failure: The PC5204 module has lost AC power.</li> </ul> <p><b>NOTE:</b> If you remove and then restore power to the main panel in order to service any PC5204 module, or any module being powered by a PC5204, you must also remove and then restore power to the PC5204 and any connected modules. This ensures that any troubles present on the module are correctly logged and/or annunciated.</p>								
2	<p><b>AC Failure:</b> AC power is no longer being supplied to the control panel. The Trouble light will flash if an AC Failure is present, if the <b>Trouble Light Flashes if AC Fails</b> option is programmed (section [016], option [2]). This trouble will not be displayed if the <b>AC Trouble Displayed</b> option is disabled (section [016], option [1]). See section 5.8 "Communicator - Reporting Codes" for information on AC trouble reporting.</p>								
3	<p><b>Telephone Line Monitoring Trouble (TLM):</b> There is a problem with the telephone line (See section 5.12 "Telephone Line Monitor (TLM)").</p>								
4	<p><b>Failure to Communicate (FTC):</b> The communicator failed to communicate with any of the programmed telephone numbers (see section 5.5 "Communicator - Dialing").</p>								
5	<p><b>Zone Fault (including Fire Zone):</b> A zone on the system is experiencing trouble, meaning that a zone could not transmit an alarm to the panel if required to do so (e.g., a fire zone is open, or there is a short on a DEOL zone, or a supervisory fault on a wireless zone). When a zone fault trouble condition occurs, the keypad(s) on the system will start to beep. Press [5] while in Trouble mode to view the affected zones.</p> <p><b>NOTE:</b> A Fire zone trouble will be generated and displayed in the armed state.</p>								
6	<p><b>Zone Tamper:</b> A zone configured for double end of line resistor supervision has a tamper condition, or the tamper switch is open on a wireless device. When a tamper condition occurs, the keypad(s) will start to beep. Press [6] while in the Trouble mode to view the affected zones. If a zone is tampered or faulted, it must be fully restored to clear the trouble.</p> <p><b>NOTE:</b> By enabling Tampers/Faults Do Not Show as Open in section [013], option [4], Faults and Tampers will not show as open on the keypad, and will be hidden from the end user. If the option is disabled, Faults and Tampers will be displayed on the keypad</p> <p><b>NOTE:</b> Once a zone is tampered or faulted, it must be completely restored before the trouble condition will clear.</p>								
7	<p><b>Device Low Battery:</b> A wireless device has a low battery condition. Press [7] one, two, or three times to view which devices are experiencing battery failure. An LED keypad will indicate battery failure using zone lights 1 to 8. The following will occur:</p> <table style="margin-left: 40px;"> <tr> <td>Keypad beeps:</td> <td>Keypad displays:</td> </tr> <tr> <td>Press [7]</td> <td>1 Zones with low batteries (LED keypad - zone lights 1 to 32)</td> </tr> <tr> <td>Press [7] again</td> <td>2 Handheld keypads with low batteries (LED keypad - zone lights 1 to 4)</td> </tr> <tr> <td>Press [7] again</td> <td>3 Wireless keys with low batteries (LED keypad - zone lights 1 to 8)</td> </tr> </table> <p>To view the battery conditions of wireless keys 9 through 16, you must use an LCD keypad.</p>	Keypad beeps:	Keypad displays:	Press [7]	1 Zones with low batteries (LED keypad - zone lights 1 to 32)	Press [7] again	2 Handheld keypads with low batteries (LED keypad - zone lights 1 to 4)	Press [7] again	3 Wireless keys with low batteries (LED keypad - zone lights 1 to 8)
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8	<p><b>Loss of System Time:</b> When the panel is powered up, the internal clock needs to be set to the correct time. This trouble is cleared when an attempt is made to reset the clock.</p>								

**[\*][3] Alarm Memory**

The Memory light will be on if any alarm occurred during the last armed period or - in the case of 24 hour zones - if an alarm occurred while the panel was disarmed.

To view alarm memory, press [\*][3]. The keypad will flash the Memory light and the zone indicator lights corresponding to

the alarm or tamper conditions which occurred during or since the last armed period. To clear the Memory light, arm and disarm the system.

**[\*][4] Door Chime On/Off**

The door chime feature is used to sound a tone from the keypad whenever a zone programmed as a chime zone is acti-