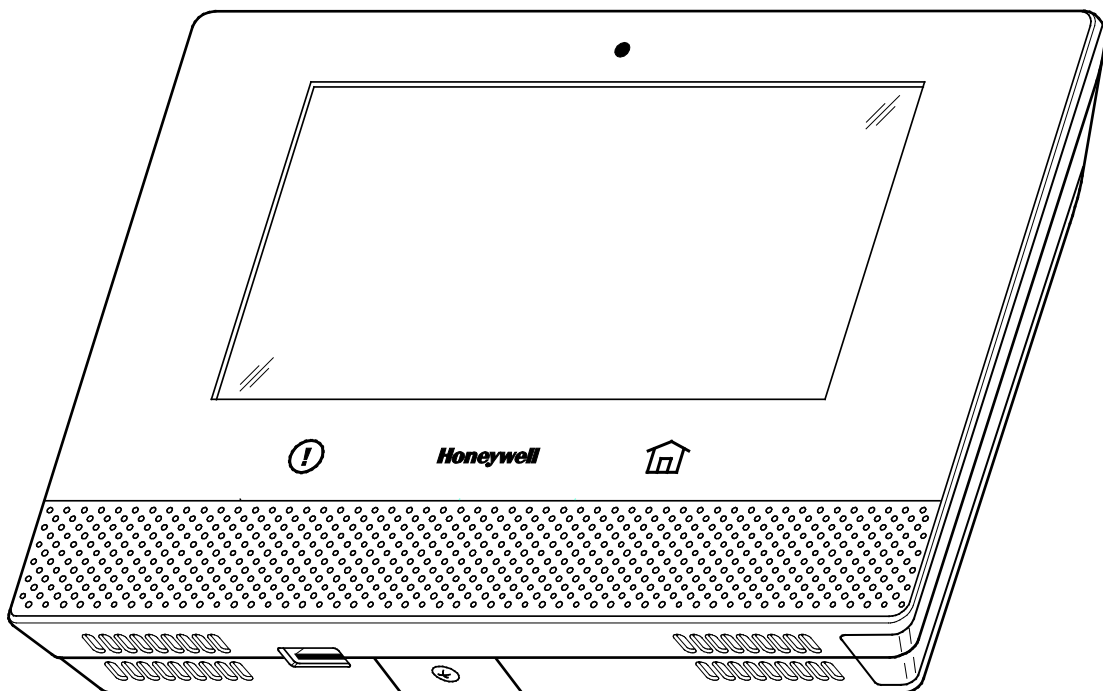


Lyric™ Controller

Programming Guide



Ref: LCP500-L/LCP500-LC

800-18077V1 11/15 Rev A

Honeywell

RECOMMENDATIONS FOR PROPER PROTECTION

The Following Recommendations for the Location of Fire and Burglary Detection Devices Help Provide Proper Coverage for the Protected Premises.

Recommendations for Smoke and Heat Detectors

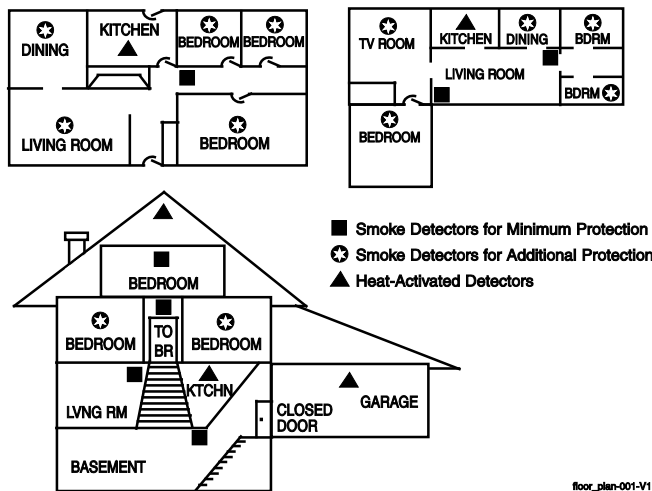
With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's (NFPA) Standard #72 noted below.

- Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: For minimum protection a smoke detector should be installed outside of each separate sleeping area, and on each additional floor of a multi-floor family living unit, including basements. The installation of smoke detectors in kitchens, attics (finished or unfinished), or in garages is not normally recommended.
- For additional protection the NFPA recommends that you install heat or smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), attic, furnace room, utility and storage rooms, basements and attached garages.

In addition, we recommend the following:

- Install a smoke detector inside every bedroom where a smoker sleeps.
- Install a smoke detector inside every bedroom where someone sleeps with the door partly or completely closed. Smoke could be blocked by the closed door. Also, an alarm in the hallway outside may not wake up the sleeper if the door is closed.
- Install a smoke detector inside bedrooms where electrical appliances (such as portable heaters, air conditioners or humidifiers) are used.
- Install a smoke detector at both ends of a hallway if the hallway is more than 40 feet (12 meters) long.
- Install smoke detectors in any room where an alarm control is located, or in any room where alarm control connections to an AC source or phone lines are made. If detectors are not so located, a fire within the room could prevent the control from reporting a fire or an intrusion.

THIS CONTROL COMPLIES WITH NFPA REQUIREMENTS FOR TEMPORAL PULSE SOUNDING OF FIRE NOTIFICATION APPLIANCES.



floor_plan-001-V1

Recommendations For Proper Intrusion Protection

- For proper intrusion coverage, sensors should be located at every possible point of entry to a home or premises. This would include any skylights that may be present, and the upper windows in a multi-level building.
- In addition, we recommend that radio backup be used in a security system. This will ensure that alarm signals can be sent to the alarm monitoring station in the event that the communications (alarm signals are normally sent over the phone lines, if connected to an alarm monitoring station).

This Honeywell security system is designed for use with devices manufactured or approved by Honeywell for use with the system. The security system is not designed for use with any device that may be attached to the system's control or other communicating bus if Honeywell has not approved such device for use with the system. Use of any such unauthorized device may cause damage or compromise the performance of the security system and affect the validity of the end user's Honeywell limited warranty. When you install devices that have been manufactured or approved by Honeywell, you give the end user the assurance that these devices have been thoroughly tested to ensure optimum performance when used with this Honeywell security system.

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Refer to the Lyric Controller Installation and Reference Guide p/n 800-18076 or later for detailed information on programming the system.

Mechanics of Programming

Navigation Keys

Navigating through the screens is accomplished by lightly touching the icons or menu items on the touch-screen. Once activated, the control advances to the next screen. Selecting the “Home” (cancel) key or the “↩” key will return you to the previous screen at any time unless Program mode is active. By Touching (selecting) an icon or key the system, depending on the function, advances to another screen, toggles between options or scrolls through multiple options that can be selected. The system provides a prompt when a specific input is required.



LYRIC™ Controller Home Screen (Page 1)

Key	Description
	Panic key - Initiates panic alarm options when selected for 4 seconds.
	Home key - Used to exit from a screen or return to the home screen

NOTE: You may find it convenient to adjust the volume setting before entering the Program mode. This will allow you to clearly hear the feedback announcements or system beeps from the system’s built-in speaker. To adjust the volume, select “Settings” on the Home screen. Adjust the volume using the slide displayed on the Settings screen and then select “Save” to accept.

Home Screen

System Status is displayed at the top of screen. In addition to the system status, two Home Screen pages display the current date and time and Security, Automation, Video, Smart Scenes, Notices and Settings icons. When Total Connect Services are connected and web content is enabled, Weather, News, Traffic and Notices icons are displayed along with the current local weather forecast and a 5-Day Forecast button. Select the “>” to advance to the second page of the Home Screen and the “<” to return to the first page.

Icon or Button	Function
Security	Provides access to Security Screen
Automation	Provides access to Automation Screen
Video	Provides access to Video Screen
Smart Scenes	Provides access to Smart Scenes Programming Screen
Notices	Provides access to Dealer Notification Message Screen
Settings	Provides access to System Settings Screen
Help Videos	Provides access to Instructional Help Videos
News	Provides access to News Screen
Traffic	Provides access to Traffic Screen
5-Day Forecast	Provides access to local 5-Day Weather Forecast Screen
Current Local Weather	Provides local forecast and severe weather alerts

Mechanics of Programming (Continued)

Security Screen

System Status is displayed at the top of each screen and the time and date are displayed at the bottom of the Security Screen. The Security Screen displays the system status and selection “icons” and “tabs”. The displayed pages and options may vary slightly depending upon the devices and services that are installed in or connected to the system.



Security Screen

Selection	Function
Arm Away	Used to Arm the system in Away mode (displayed on both Security Screen pages).
Arm Stay	Used to Arm the system in Stay mode (displayed on both Security Screen pages).
Arm Custom	Used to Arm the system in Custom mode that arms specific selected zones (displayed on both Security Screen pages).
System	Provides information about system status
Tools	Provides access to Installer and User Programming Menus (Master User Code required for access).
Message	Provides access to Message Center.
Zones	Provides access to Zone information and options.
Message	Provides access to Message Center.
Settings	Provides access to various keypad functions (i.e.; Brightness, Volume, Voice & Chime).

Master User Tools Screen

The Master User Tools screen provides access to the User configurable features and displays eight options. Entering the Master User Code is required to access the User Menu. Select the “)” to advance to the second page of the User Tools Menu Screen and the “(” to return to the first page.



Master User Tools Menu Screen (Page 1)

Accessing the Master User Tools Screen



You may find it convenient to adjust the volume setting before entering the Programming Mode. This will allow you to clearly hear feedback announcements or system beeps.

1. At the Security Screen select the “Tools” icon then enter the Master User Code (1 + 2 + 3 + 4).

General Programming Information

Lyric™ Lock

This system supports Lyric Lock, an advanced feature designed to keep it functioning optimally. Lyric Lock capabilities include: the ability to interact with Honeywell and your company's network for the setup and programming of system features, support for remote software updates and the ability (when enabled) to enhance the end user's security by preventing unauthorized takeover of the system by another monitoring company. The feature can only be programmed via AlarmNet 360™.

In the event that the end user wishes to authorize another company to take over the system, the end user may request that Honeywell remotely disable Lyric Lock. Honeywell will require documentation that the end user has attempted to contact your company three times and that your company has failed to respond, or failed to agree to the end user's request.



When power cycling the control, remove AC power first and wait approximately 1 minute before disconnecting battery. If the system is Armed or in Alarm, the Tools icon will not be functional. The system must first be disarmed.

Programming options are stored in non-removable, electrically erasable, nonvolatile EEROM memory. The system can be programmed at any time, even at the installer's premises prior to the actual installation. Simply apply power temporarily to the Control and then program the unit as desired.

Entering Installer Programming Mode



You may find it convenient to adjust the volume setting before entering the Programming Mode. This will allow you to clearly hear feedback announcements or system beeps.

1. Power-up the control and allow it to "boot-up". "System Standby" is displayed on the touchscreen. When the "boot-up" is complete (approximately 1-2 minutes) "Ready to Arm" is displayed.
2. Select the "Security" icon.
3. Select "Tools" icon.
4. Enter the Installer Code (4 + 1 + 1 + 2) on the displayed keypad.
5. The Installer Tools menu screen appears. Select the "Program" button. "System Programming..." is displayed in an orange band at the top of the screen. Additionally, the "Panic" button is lit and the "Home" button alternately flashes red and green.

NOTE: Step 6 is only required if the Controller has not already been associated with an AlarmNet 360™ account. If the Controller has been enrolled proceed to step 7.

6. If programming the Lyric locally, program the following fields by selecting the field and entering the required information on the keyboard. The User Name and Customer Account Number are required in order for the Lyric Controller to communicate with AlarmNet 360™.

Programming Field	Function and Action
AlarmNet 360 Username	Enter the associated Dealer Identification Number assigned to the Dealer/Installer.
AlarmNet 360 Password	Enter the Dealer's AlarmNet 360 Password
Alarm Reporting Number	Enter the AlarmNet 360 Account Number (City/CS/Sub ID information)
Supervision Time	Enter the Supervision Time (None, 24-Hour or 30 Day)

7. Select "Save" when complete.
8. Select one of the following options to advance to that Programming screen:

Installer Code	System Type
Date Time	Communicator
Zones	Comm. Diagnostics
Keys	Reporter
Sounder	System Settings

Use the down "v" arrow to scroll to the second page of options.

Default Config.	Z-Wave
Reset Master Code	Language
RF Keypad	

9. The system advances to the Programming screen of the selected option.

Programming the Data Fields

1. Select each desired programming option, and then select the required entry. The system beeps each time a selection is made.
2. The system will toggle or scroll through the options or display a new screen as applicable.
3. To delete or change an entry, select the desired option, and then select the required entry.
4. Select "Save"

Exiting Programming Mode

1. Select the "⏏" key to exit the current screen. The system returns to the previous screen.
2. Select the "⏏" key as required until the system returns to the Security Screen
3. Select the "⏏" key OR depress the Home button to return to the Home Screen.

Loading a Default Set

Refer to the Programming Default Values section of this manual to view the default values.

Programming Field	Function and Action
Default Config.	<ol style="list-style-type: none"> 1. Select 'Default Config' and select the appropriate Default Configuration from the following options: Default Config 1 Default Config 2 Default Config 3 Default Config 4 <p>Note: For a list of the pre-programmed defaults refer to the Default Values section.</p> <ol style="list-style-type: none"> 2. Select the desired Default Configuration. 3. A Confirmation screen is displayed. 4. If "Yes" is selected, the System beeps three times and returns to the Default Config. screen. 5. If "No" is selected, the System beeps once and returns to the Default option screen.

Reset Master User Code

Programming Field	Function and Action
Reset Master Code	<ol style="list-style-type: none"> 1. The system displays a confirmation screen. Select the "Yes" key to reset the Master User Code to "1234". 2. If confirmed, the Master Code will be reset back to "1-2-3-4". This will be logged in the System Event Log as "Reset Master Code User 2 E655". The system returns to the second page of the Installer Programming Tools menu. OR If the reset failed, the system will display: "Command Failed. Unable to Reset Master Code".

Security Code Notes

- The Master and Secondary security codes permit access to the system for arming, disarming, etc.
- The Installer Code can disarm the system only if it was used to arm it. In addition, the Installer Code cannot disarm the system if it was armed by pressing and holding a Quick-Arm button.
- The Guest Code can disarm the system only if it was used to arm it. In addition, the Guest Code cannot disarm the system if it was armed by pressing and holding a Quick-Arm button.
- Duress code sends a special code to the monitoring station when used to perform any system operation. Instruct users to be careful not to use this code for normal usage.
- Opening/closing reports are sent for the Installer Code, with the appropriate subscriber number. Master Code and set of secondary user codes are sent as No. 2 and 3-48 respectively, in Contact ID® format (with the appropriate user number).

DATA FIELDS

Change Installer Code

Programming Field	Function and Action	Programmed Default
Installer Code	<ol style="list-style-type: none"> The current four-digit Installer Code is displayed on the left side of the screen. Select "Clear". Enter a new four-digit Installer Code on the displayed keypad. The system will display the new code on the left side of the screen. Select "Done" when you are finished. The system returns to the "System Programming" Screen. 	4112

Change Language

Programming Field	Function and Action
Language	<ol style="list-style-type: none"> If applicable, select "Language" to display the following options: <div style="text-align: center;"> Installer Language User Language </div> Select "Installer Language" OR User Language. The system toggles between the following options: English French Spanish Portuguese Select the desired language. Select "Save" when you are finished. A confirmation screen appears. If "Yes" is selected, the System returns to the second page of the Programming screen, which will be displayed in the selected language.

Program System Type

Programming Field	Function and Action	Programmed Default
RF Jam	Enable or disable RF Jam Detection, Log & Reporting Options. Options: Disabled RF Jam Log RF Jam Log & Report	RF Jam Log
RF House Code	Enter a two-digit code (00-31) and select "Done".	0
Two Way Voice	Enable or disable Two Way Voice communication with the Central Station. The system toggles between "Disabled" and "Enabled".	Disabled
Events - Log All	Enable or disable multiple options for event logging (i.e.; alarms, troubles, open/close & bypass). The system toggles between "Log All Set" and "Press To Log All" NOTE: Selecting "Press to Log All" will set all of the remaining options to "Enabled".	Press to Log All
Events - Log Alarm	Enable or disable Alarm Event Logging The system toggles between "Disabled" and "Enabled".	Enabled

Program System Type (Continued)

Programming Field	Function and Action	Programmed Default
Events - Log Bypass	Enable or disable Zone Bypass Event Logging The system toggles between “Disabled” and “Enabled”.	Enabled
Events - Log Open Close	Enable or disable Open/Close Event Logging The system toggles between “Disabled” and “Enabled”	Enabled
Events - Log Trouble	Enable or disable Trouble Event Logging The system toggles between “Disabled” and “Enabled”	Enabled
Non Security	Enable or disable Non Security Event Logging (i.e.; Z-Wave, etc) The system toggles between “Disabled” and “Enabled”	Enabled
Remote Access Serial	Enable or disable end user to access their system via a website The system toggles between “Disabled” and “Enabled”	Disabled
Multi Mode Serial	Enable or disable transmission of panel status events via email (Active only when Remote Access Serial is enabled) The system toggles between “Disabled” and “Enhanced Reports”.	Disabled

Program Date Time

Programming Field	Function and Action	Programmed Default												
Date Time	<ol style="list-style-type: none"> Using the left “<” and right “>” arrows select the Month and Year then select the date. Select the “√” arrow to advance to the next screen. To set the correct time, touch the “Clear” button. Enter the correct time and then select AM or PM. Select the “√” arrow to advance to the next screen or select “Save” to return to the System Programming Screen. 	None												
Time Zone	Select the correct Time Zone. Options: <table border="1"> <tr> <td>Eastern (EST)</td> <td>Pacific (PST)</td> <td>Atlantic (AST)</td> </tr> <tr> <td>Central (CST)</td> <td>Alaska (AKST)</td> <td>Newfoundland (NT)</td> </tr> <tr> <td>Hawaii (HAST)</td> <td>Brasilia (BRT)</td> <td></td> </tr> <tr> <td>Mountain (MST)</td> <td>Mid-Atlantic (MAT)</td> <td></td> </tr> </table>	Eastern (EST)	Pacific (PST)	Atlantic (AST)	Central (CST)	Alaska (AKST)	Newfoundland (NT)	Hawaii (HAST)	Brasilia (BRT)		Mountain (MST)	Mid-Atlantic (MAT)		Eastern (EST)
Eastern (EST)	Pacific (PST)	Atlantic (AST)												
Central (CST)	Alaska (AKST)	Newfoundland (NT)												
Hawaii (HAST)	Brasilia (BRT)													
Mountain (MST)	Mid-Atlantic (MAT)													
Daylight Savings Time	Enable or disable Daylight Savings Time adjustment. If “Yes” is selected the Start Month, Start Week, End Month and End Week options will be active. The System toggles between “Yes” and “No”.	Yes												
Start Month	Select a Daylight Savings Time Start Month. Options: <table border="1"> <tr> <td>January</td> <td>May</td> <td>September</td> </tr> <tr> <td>February</td> <td>June</td> <td>October</td> </tr> <tr> <td>March</td> <td>July</td> <td>November</td> </tr> <tr> <td>April</td> <td>August</td> <td>December</td> </tr> </table>	January	May	September	February	June	October	March	July	November	April	August	December	March
January	May	September												
February	June	October												
March	July	November												
April	August	December												
Start Week	Select a Daylight Savings Time Start Week The System toggles between “First”, “Second”, “Third”, “Last”, “Next to Last” and “3rd from Last”.	Second												
End Month	Select a Daylight Savings Time End Month. Options: <table border="1"> <tr> <td>January</td> <td>May</td> <td>September</td> </tr> <tr> <td>February</td> <td>June</td> <td>October</td> </tr> <tr> <td>March</td> <td>July</td> <td>November</td> </tr> <tr> <td>April</td> <td>August</td> <td>December</td> </tr> </table>	January	May	September	February	June	October	March	July	November	April	August	December	November
January	May	September												
February	June	October												
March	July	November												
April	August	December												
End Week	Select a Daylight Savings Time End Week The System toggles between “First”, “Second”, “Third”, “Last”, “Next to Last” and “3rd from Last”.	First												

Program Communicator



A router is required if you are utilizing WiFi for communications. The router must be powered on and connected for WiFi operation (alarm reporting) to occur. The panel must be connected to the WiFi network in order to communicate with AlarmNet 360. The router name and password will be required.

Remote Access (Total Connect) and Multi Mode (PSD) over WiFi or Cellular cannot be enabled in the panel alone. Availability of this service is controlled via the web-based programming tool on the AlarmNet 360 website. These features must be enabled through the AlarmNet 360 website first and transferred to the device.

Where applicable, use the down “v” arrow to scroll to the subsequent pages of options. Use the “^” arrow to return to the previous page. The Lyric Controller Communications must be programmed using AlarmNet 360. The APL, City ID, CS ID, Supervision, Old Alarm Time, Remote Acc. Comm., Multi Mode Comm., WiFi Fault Time, Cellular Fault Time, Cellular Rollover, Cellular 24 Hour Test fields can be viewed but are not programmable locally on the Lyric Controller. The options for those fields are shown for reference only. Only the Communications Path, DHCP and IP Address fields can be programmed locally on the Lyric Controller.

Programming Field	Function and Action	Programmed Default
Communications Path	Select the type of Communications Module. NOTE: The available options are dependent upon which communications module(s) has been installed. If Communication Path is set to Cellular, the control will report to AlarmNet 360 over the Cellular network not WiFi. Options: None WiFi Cellular WiFi & Cellular	WiFi
APL	Enables or disables Advanced Protection Logic. Options: Disabled Enabled	Disabled
City ID	2-digit Central Station Primary City ID (Decimal). Options: 01-99	Blank
CS ID	2-digit Primary Central Station ID (Hex). Options: 01-FE	Blank
Sub ID	4-digit Subscriber Account Number (Decimal). Options: 0001-9999	Blank
Supervision	Determines how often the Communications Module sends supervisory messages to the Central Station. Options: None 24 Hours 30 Days	30 Days
Old Alarm Time	Determines how long the system will attempt to redeliver an undeliverable alarm message to the Central Station. Options: 10 Minutes 15 Minutes 30 Minutes 1 Hour 2 Hours 4 Hours 8 Hours 12 Hours 24 Hours	10 Minutes

Program Communicator (Continued)

Programming Field	Function and Action	Programmed Default
Remote Acc. Comm.	Enables or disables user remote access via internet and/or Cellular. Options: Disabled Enabled	Disabled
Multi Mode Comm.	Enables or disables Multi Mode feature. NOTE: This field will only be viewable if Remote Acc. Comm. Is enabled. Options: Disabled Enhanced Reports	Disabled
WiFi Fault Time (min)	Determines time delay before the Communications Module notifies the control panel of a loss of contact with the internet. Appears only if WiFi is enabled in Communications Path field. Enter the 2-digit time delay (in minutes). Options: 00-99	00
Use DHCP	Allows the panel to dynamically select the IP addresses. NOTE: If "No" is selected, four additional programming fields are displayed. Options: Yes No	Yes
NIC IP Address	This field only appears if "No" is selected in the Use DHCP field. Enter the 4-part Network Interface Card (NIC) IP address (up to 12 digits).	255.255.255.255
Subnet Mask	This field only appears if "No" is selected in the Use DHCP field. Enter the 4-part Subnet Address (up to 12 digits).	255.255.255.255
Gateway IP Address	This field only appears if "No" is selected in the Use DHCP field. Enter the 4-part Gateway IP Address (up to 12 digits).	255.255.255.255
DNS Server IP Address	This field only appears if "No" is selected in the Use DHCP field. Enter the 4-part Domain Name Server IP Address (up to 12 digits). Select "Save" and then select "OK" when the "Programming Done" screen appears.	255.255.255.255
Cellular Fault Time (min)	Determines time delay before the Communications Module notifies the control panel of a loss of contact with the network. Appears only if Cellular is enabled in Communications Path field. Enter the 2-digit time delay (in minutes). Options: 00-99	60
Cellular Rollover	Allows Supervision messages to be sent over Cellular in the event that contact with the internet is lost. Appears only if "WiFi & Cellular" is enabled in the Communications Path field. Options: No Yes	No
Cellular 24 Hour Test	Enables daily test of Cellular module operation. Appears only if "WiFi & Cellular" is enabled in the Communications Path field. Options: No Yes Select "Save" and then select "OK" when the "Programming Done" screen appears.	No

Program Zones

The Lyric supports both Honeywell 5800 Series and SiX™ Series Bi-Directional sensors. The steps required to enroll these sensors differ. It should be noted that once a SiX™ Series sensor has been enrolled in the panel it must be deleted before it can be enrolled in a different panel. Refer to deleting Wireless Zones or Keys section for additional information. A Zone Descriptor should be assigned to each enrolled device to ensure that Zones can be easily identified.

Batch learning Mode - Multiple SiX™ Series sensors can be enrolled using the Batch Learning Mode. Refer to the *Batch Learning Enrollment* section for additional information.



Before enrolling SiX™ Series sensors, ensure that the Lyric Controller has been updated with the latest firmware version.

Programming Field	Function and Action								
<p>Zones</p>	<p>Use the down “v” arrow to scroll to the next page of options or the “^” arrow to return to the previous page.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. New</td> <td style="width: 50%;">2. New</td> </tr> <tr> <td>3. Front Door</td> <td>4. Back Door</td> </tr> <tr> <td>5. Window</td> <td>6. Motion Sensor</td> </tr> <tr> <td>7. New</td> <td>8. New</td> </tr> </table> <p>9. - 126. New 127. - 130. New (Main) (reserved for Garage Door Zones) 131. - 162. (Button Zones) 280. - 291. Temperature (Z-Wave Thermostat zones) 850. - 857. SiX™ Keypads 995. Fire 996. Medical 998. Local Alarm 999. Police</p> <p>Select a zone and then select “Edit” or “Add New” to program the next available zone. The following fields are displayed (dependent upon selected Zone).</p>	1. New	2. New	3. Front Door	4. Back Door	5. Window	6. Motion Sensor	7. New	8. New
1. New	2. New								
3. Front Door	4. Back Door								
5. Window	6. Motion Sensor								
7. New	8. New								
<p>Serial Number</p>	<p>NOTE: This field does not apply to Hardwire Zone 1 and 2 or Temperature Zones 280-291</p> <p>When “Serial Number” has been selected “Enter Serial Number or Activate” is displayed. Follow the applicable steps below to enroll the SiX™ or 5800 Series sensors.</p> <p>Enroll SiX™ Series Devices (Refer to the documentation provided with the specific SiX™ device being enrolled for additional information.)</p> <p>Enroll via RF Learning</p> <ol style="list-style-type: none"> 1. Insert the battery in the sensor or pull the battery tab as applicable. The sensor’s green LED will flash rapidly. Allow up to 20 seconds for pairing to complete. If the sensor has been successfully paired with the control, the sensor’s green LED will light steady for three seconds and the control will beep once to confirm. If the pairing is not successful, remove the battery and repeat this step. 2. Two transmissions (open/close) of the device will be required. The device serial number is displayed on the screen following the first transmission and the panel beeps two times. Following the second transmission the system beeps three times and returns to the Zone Programming Screen. 3. The device’s battery level and signal strength is displayed on the Lyric control’s Zones programming screen. For additional information regarding signal strength refer to the Installation & Reference Guide. <p>Enroll Six Series Devices Manually</p> <ol style="list-style-type: none"> 1. Select the “RF Type” to scroll through the available Six Series device types: Contact Glass Break Motion Smoke Wireless Siren 2. Enter the 16-digit serial number (MAC ID) printed on the transmitter using the displayed keypad and select “Done”. <p>NOTE: Enter only the 16 alpha-numeric characters.</p>								

Program Zones (Continued)

Programming Field	Function and Action																		
<p>Serial Number (Continued)</p>	<p>3. The system beeps one time and returns to the Zone Programming Screen and displays the programmed Serial Number and Service. Select "Save".</p> <p>4. The system returns to the Zone Programming Screen and the device's battery level and signal strength is displayed on the Lyric control. Activate the device to confirm the enrollment.</p> <p>NOTE: If a duplicate serial number is entered, the system will emit a single long beep and a confirmation screen will be displayed. Select "OK". The system returns to the previous screen.</p> <p>Enroll 5800 Series Devices The transmitter serial number and loop number can be enrolled via RF transmission OR manually.</p> <p>Enroll via RF Learning To enroll the 5800 device using RF Learning mode, three transmissions (open/close) of the device will be required. The initial transmission activates the RF Learning mode and the system will emit a single beep. A second transmission enrolls the serial number (which is displayed on the screen) and the system beeps two times and displays "Activate Sensor Again To Confirm". A third transmission will confirm the serial number. The system beeps two times and returns to the Zone programming screen. Select "Save". The system returns to the Zone programming screen.</p> <p>Enroll 5800 Devices Manually</p> <ol style="list-style-type: none"> 1. Select the "RF Type" and scroll through the available device types until 5800 is displayed. 2. Enter the 7-digit serial number printed on the transmitter using the displayed keypad and select "Done". The system beeps one time and returns to the Zone Programming Screen. 3. Select "Save". The system returns to the Zone Programming Screen. <p>NOTE: If a duplicate serial number is entered, the system will emit a single long beep and a confirmation screen will be displayed. Select "OK". The system returns to the previous screen.</p>																		
<p>Loop Number</p>	<p>NOTE: This field does not apply to Hardwire Zone 1 and 2 or Temperature Zones (280-291) or if SiX™ Series devices are being programmed.</p> <p>Select "Loop Number" to toggle between 1, 2, 3 and 4 as applicable. Select Save.</p>																		
<p>Service</p>	<p>NOTE: This field applies if SiX™ Series devices are being programmed.</p> <p>Select "Service" to change the option, which is dependent on the type of SiX™ device that is being installed.</p>																		
<p>Zone Description1/ Zone Description 2</p>	<p>Select "Zone Description 1 or Zone Description 2". Using the displayed keypad enter Zone Description 1 or Zone Description 2. The system announces the Zone Description. Select "Done", when you are finished. The system returns to the Zone Programming page.</p> <p>NOTE: When programming the Zone Description, after entering the first letter of the description on the keypad, use the up "▲" and down "▼" arrows to scroll through the available preprogrammed zone descriptions.</p>																		
<p>Device Type</p>	<p>Use the down "▼" arrow to scroll to the next page of options. Use the "▲" arrow to return to the previous page.</p> <p>Select "Device Type" from the displayed list, the system returns to the Zone screen. Select "Save" if programming is complete.</p> <p>Options:</p> <table border="0" data-bbox="488 1654 1047 1904"> <tr> <td>New</td> <td>Door</td> </tr> <tr> <td>Window</td> <td>Motion Sensor</td> </tr> <tr> <td>Glass Break</td> <td>Smoke Detector</td> </tr> <tr> <td>Heat Sensor</td> <td>Carbon Mono. Det.</td> </tr> <tr> <td>Temperature</td> <td>Flood</td> </tr> <tr> <td>Environmental</td> <td>Medical</td> </tr> <tr> <td>Fire</td> <td>Police</td> </tr> <tr> <td>Local Alarm</td> <td>Other</td> </tr> <tr> <td>Garage Door</td> <td></td> </tr> </table>	New	Door	Window	Motion Sensor	Glass Break	Smoke Detector	Heat Sensor	Carbon Mono. Det.	Temperature	Flood	Environmental	Medical	Fire	Police	Local Alarm	Other	Garage Door	
New	Door																		
Window	Motion Sensor																		
Glass Break	Smoke Detector																		
Heat Sensor	Carbon Mono. Det.																		
Temperature	Flood																		
Environmental	Medical																		
Fire	Police																		
Local Alarm	Other																		
Garage Door																			

Program Zones (Continued)

<p>Response Type</p>	<p>The system displays the specific options, which are dependent upon the Device Type that was selected for the zone. Use the down “v” arrow to scroll to the next page of options. Use the “^” arrow to return to the previous page.</p> <p>Select “Response Type” from the displayed list, the system returns to the Zone screen. Select “Save” if programming is complete.</p> <p>Options:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> Not Used Entry Exit 2 Interior Follower 24 Hour Silent 24 Hour Auxiliary Interior With Delay Carbon Monoxide Arm Stay Disarm Silent Burglary Resident Response General Response Day/Night Local Alarm </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> Entry Exit 1 Perimeter Trouble 24 Hour Audible Fire No Verification Monitor Garage Arm Away No Response Resident Monitor General Monitor Fire With Verification Garage Monitor </td> </tr> </table> <p>Select “Save” if programming is complete. The system returns to the Zone Programming screen.</p>	<ul style="list-style-type: none"> Not Used Entry Exit 2 Interior Follower 24 Hour Silent 24 Hour Auxiliary Interior With Delay Carbon Monoxide Arm Stay Disarm Silent Burglary Resident Response General Response Day/Night Local Alarm 	<ul style="list-style-type: none"> Entry Exit 1 Perimeter Trouble 24 Hour Audible Fire No Verification Monitor Garage Arm Away No Response Resident Monitor General Monitor Fire With Verification Garage Monitor
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<p>Alarm Report</p>	<p>Activates reporting option for the device being enrolled.</p> <p>NOTE: This field is for Alarms. If Response Type “Trouble” is set up and Alarm Report is set to “No” the system will still report if Report Troubles was enabled in the Reporter programming.</p> <p>Select “Alarm Report” to toggle between “No” or “Yes”. Select “Save” if programming is complete. The system returns to the Zone Programming screen.</p> <p>Options:</p> <ul style="list-style-type: none"> No Yes 		
<p>Chime</p>	<p>Enable or disable chime mode for specific device being enrolled (applies to Entry/Exit, Perimeter, and Interior Response types only)</p> <p>Select “Chime” to scroll through the available chime sounds. Select “Save” if programming is complete. The system returns to the Zone Programming screen.</p> <p>Options:</p> <ul style="list-style-type: none"> Disabled Standard Melody Melody Long Ascend Ascend Long Alert 1 Alert 2 Doorbell 1 Doorbell 2 Evolve <p>Select “Save” if programming is complete. The system returns to the Zone Programming screen.</p>		

Program Zones (Continued)

Programming Field	Function and Action
Supervision	<p>Select supervision for device being enrolled. The system displays the applicable options based upon the Device Type that was selected. Select "Supervision" to scroll between the following options:</p> <p>Options: <u>Hardwire Zone</u> Normal Open Normal Closed End of Line <u>RF Zone</u> Supervised Unsupervised <u>Temperature</u> High Temp (Default selection for Zones 280, 282, 284 and 286, 288, 290) Low Temp (Default selection for Zones 281, 283, 285 and 287, 289, 291)</p> <p>Select "Save" if programming is complete. The system returns to the Zone Programming screen.</p>
Arm Night	<p>Allows specific programmed motion sensors to be active when Arm Night Stay mode is enabled and the system is Armed in Stay mode by the User. If "Motion Sensor" is selected in the Response Type Field, the Arm Night option will be available.</p> <p>Options: Yes No</p> <p>Select "Save" if programming is complete. The system returns to the Zone Programming screen.</p>



After all Zones have been enrolled, the SiX™ Series Device firmware should be updated to ensure the latest version is being used. Refer to the Updating SiX™ Series Sensor and Key Fob firmware section.

Batch Learning Enrollment (SiX™ Series Devices only)

The Lyric Controller is capable of learning multiple SiX Series devices via the Batch (RF) Learning Mode. The system will assign each wireless device enrolled via the Batch Learning mode to the next available zone.

Programming Field	Function and Action
Zones	<p>After entering the Zone Programming mode, select RF6 Batch "Start" to enter batch learning mode. Fault and restore each of the sensors being enrolled. When batch learning is complete select RF6 Batch "Stop". (Refer to the documentation provided with the specific SiX™ device being enrolled for additional information.)</p> <p>The controller will assign the device to the next available Zone. The device's battery level and signal strength is displayed on the Lyric control.</p> <p>NOTE: The default "Service" for the SiXCT Contacts is set to "Reed" whether learned locally at the Controller or via TotalConnect 360.</p> <p>To change the Service to "Contact" perform the following for each applicable Zone:</p> <ol style="list-style-type: none"> 1. Select the appropriate Zone and then select "Edit" 2. Select "Service". The system toggles between "Reed" and "Contact". 3. Select "Save". 4. Select the "⏏" key to exit the current screen. The system returns to the previous screen. <p>NOTE: Re-entering Batch Programming mode after exiting from Zone Programming, will require exiting and re-entering Installer Programming,</p>

Program Keys

The Lyric Controller features 32 Wireless Key (RF Key Fob) Zones that allow it to support a combination of one, two, four, six and eight button devices. It should be noted that once a SiX™ Series wireless key (key fob) has been enrolled in the panel it must be deleted before it can be enrolled in a different panel. Refer to deleting Wireless Zones or Keys section for additional information.

Programming Field	Function and Action						
Keys	Select the “Add new” button to enroll a new wireless key.						
Key Type	Select the specific type of key being entered or enrolled. The system scrolls through the available options. NOTE: Before enrolling a SiXFOB wireless key select “Key Fob”, if you are enrolling four buttons or “Key Fob 8 Button” if you are enrolling all 8 buttons. SIA Installation: Select “Key Fob 8 Button and refer to the SiXFOB Installation Instructions. Options: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Key Fob 1 Button</td> <td style="width: 33%;">Key Fob (4 Button)</td> <td style="width: 33%;">Key Fob 8 Button</td> </tr> <tr> <td>Key Fob 2 Button</td> <td>Key Fob 6 Button</td> <td></td> </tr> </table>	Key Fob 1 Button	Key Fob (4 Button)	Key Fob 8 Button	Key Fob 2 Button	Key Fob 6 Button	
Key Fob 1 Button	Key Fob (4 Button)	Key Fob 8 Button					
Key Fob 2 Button	Key Fob 6 Button						
User	Select a User from the displayed list. Options: Master Guest Duress User 3 – User 46 NOTE: The wireless key must be associated with a specific User/User Code in order for it to operate. Refer to the Lyric User Guide for additional Information regarding User Codes.						
Serial Number	When “Serial Number” has been selected “Enter Serial Number or Activate” is displayed. Follow the applicable steps below to enroll the SiX™ or 5800 Series Wireless Keys. Enroll SiXFOB wireless keys (Refer to the documentation provided with the SiXFOB wireless key for additional information.) <ol style="list-style-type: none"> 1. Press and release the top two buttons on the SiXFOB. The wireless key’s left and right LEDs will alternately flash green. Allow up to 20 seconds for pairing to complete. If the sensor has been successfully paired with the control the wireless key’s green LED will light steady for three seconds, the device serial number is displayed on the screen and the panel beeps two times. If the pairing is not successful, press the top two buttons again to restart the enrollment and repeat this step. 2. Press and release the top two buttons on the wireless key to confirm. The system beeps three times and returns to the Zone Programming Screen. 3. Assign a User and select “Save” 4. The system returns to the Wireless key programming screen and the fob’s zone information is displayed. 5. The wireless key’s battery level and signal strength can be viewed on the Zone programming screen. Enroll 5800 Series Wireless Keys The transmitter serial number and loop number can be enrolled via RF transmission OR manually. <u>Enroll via RF Learning</u> - To enroll the 5800 device using RF Learning mode, press and release any button on the wireless key. Three transmissions of the device will be required. The initial transmission activates the RF Learning mode and the system will emit a single beep. A second transmission enrolls the serial number and the system beeps two times and displays “Activate Sensor Again To Confirm”. A third transmission will confirm the serial number. The system beeps two times and returns to the programming Screen. <u>Enroll 5800 Devices Manually</u> - Enter the 7-digit serial number printed on the transmitter using the displayed keypad and select “Done”. The system beeps one time and returns to the programming Screen.						
Zone	The system displays the next available Key Zone Number. Select “Zone” to manually enter a specific 3-digit Zone Number on the displayed keypad. NOTE: If the desired Zone Number is not available, the system returns to the previous screen. Options: 131-162 Select “Done”. The system returns to the previous screen. Repeat the previous step to enter another Zone Number.						

Program Keys (Continued)

Programming Field	Function and Action																	
Button Key * - Zn * * The Key number and Zn number are dependent upon the Key Type selected.	Assign a function to a specific Button Key. The system scrolls through the available options. Options: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Disarm</td> <td style="width: 33%;">Arm Away</td> <td style="width: 33%;">* Options are the same for each Button/Zone combination.</td> </tr> <tr> <td>Arm Stay</td> <td>No Response</td> <td></td> </tr> <tr> <td>24 Hour Silent</td> <td>24 Hour Audible</td> <td></td> </tr> <tr> <td>24 Hour Auxiliary</td> <td>Silent Burglary</td> <td></td> </tr> <tr> <td>Fire No Verification</td> <td></td> <td></td> </tr> </table>			Disarm	Arm Away	* Options are the same for each Button/Zone combination.	Arm Stay	No Response		24 Hour Silent	24 Hour Audible		24 Hour Auxiliary	Silent Burglary		Fire No Verification		
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After all Key Fobs have been enrolled, the SiX™ Series Device firmware should be updated to ensure the latest version is being used. Refer to the Updating SiX™ Series Sensor and Key Fob firmware section.

Deleting Wireless Zones or Keys

The following procedure should be used to delete SiX™ Series or 5800 Sensors or Wireless Keys.

Programming Field	Function and Action
Zones OR Keys	NOTE: SiX™ Series sensors must be deleted from the controller before the device can be enrolled in another system. 1. Enter Zone Programming OR Keys Programming mode. 2. Select the Zone OR Key to be deleted and then select “DELETE” 3. Select “Yes” to confirm the deletion. All programming information for the deleted device is removed from the system. The system returns to the Zone Programming screen. 4. Select the “⏏” key to exit the current screen. The system returns to the previous screen.

Updating SiX™ Series Sensor and Key Fob Firmware

After entering Master User Programming Mode select the “Advanced” icon. Follow the steps below to update the SiX™ Series Sensor or Key Fob firmware.

Programming Field	Function and Action
Update Sensor Firmware OR Update Keyfob Firmware	1. Select “Start” to initiate Firmware Update and follow the instructions on the Lyric, as applicable. 2. Select “Stop” when Firmware Update. 3. When the update is completed select the “⏏” key to exit the current screen. The system returns to the previous screen.

Program Reporter

Programming Field	Function and Action	Programmed Default
Report Selection	Enable or disable Reporting of Specific Events. Use the down “√” arrow to scroll to the next page of options. Use the “^” arrow to return to the previous page.	Not Applicable
Arm Away	Enable or disable reports to the Central Station when the system is Armed Away. The system toggles between “Disabled” and “Enabled”.	Enabled
Arm Stay	Enable or disable reports to the Central Station when the system is Armed Stay. The system toggles between “Disabled” and “Enabled”.	Enabled
Disarm	Enable or disable reports to the Central Station when the system is Disarmed. The system toggles between “Disabled” and “Enabled”.	Enabled
Exit Error	Enable or disable reports to the Central Station when an Exit Error is detected. This field is always “Enabled” and is not selectable.	Enabled
Recent Closing	Enable or disable reports to the Central Station when the system is Armed Away and any burglary zone is faulted (within two minutes after the initial exit delay expires). This field is always “Enabled” and is not selectable.	Enabled
Event Log Full	Enable or disable reports to the Central Station when system detects that the Event Log is full. The system toggles between “Disabled” and “Enabled”.	Enabled
Trouble	Enable or disable reports to the Central Station when the system detects that a Zone has a Trouble condition. The system toggles between “Disabled” and “Enabled”.	Enabled
Trouble Restore	Enable or disable reports to the Central Station when the system detects that a zone that had been in Trouble has been restored. The system toggles between “Disabled” and “Enabled”.	Enabled
Alarm Restore	Enable or disable reports to the Central Station when the system detects that a zone that had been in Alarm has been restored. The system toggles between “Disabled” and “Enabled”.	Enabled
Alarm Cancel	Enable or disable reports to the Central Station when Alarm has been cancelled The system toggles between “Disabled” and “Enabled”.	Enabled
Test	Enable or disable reports to the Central Station when a Test has been initiated. This field is always “Enabled” and is not selectable.	Enabled
Test Restore	Enable or disable reports to the Central Station when a Test has been completed. This field is always “Enabled” and is not selectable.	Enabled
Bypass	Enable or disable reports to the Central Station when a Zone has been manually bypassed. The system toggles between “Disabled” and “Enabled”.	Enabled
Bypass Restore	Enable or disable reports to the Central Station when a bypassed zone has been restored. The system toggles between “Disabled” and “Enabled”.	Enabled
AC Loss	Enable or disable reports to the Central Station when the system detects the loss of AC power. This report will be randomized up to 4 hours. The system toggles between “Disabled” and “Enabled”.	Enabled
AC Loss Restore	Enable or disable reports to the Central Station when the system detects that AC power has been restored. NOTE: This report will be randomized up to 4 hours. The system toggles between “Disabled” and “Enabled”.	Enabled

Program Reporter (Continued)

Programming Field	Function and Action	Programmed Default
Low Battery	Enable or disable reports to the Central Station when the system detects a Low Battery condition. The system toggles between "Disabled" and "Enabled".	Enabled
Low Battery Restore	Enable or disable reports to the Central Station when the system detects that a Low Battery condition has been corrected. The system toggles between "Disabled" and "Enabled".	Enabled
RF Low Battery	Enable or disable reports to the Central Station when the system detects a Low Battery condition in an RF transmitter. The system toggles between "Disabled" and "Enabled".	Enabled
RF Low Battery Restore	Enable or disable reports to the Central Station when the system detects that a Low Battery condition in an RF transmitter has been corrected. The system toggles between "Disabled" and "Enabled".	Enabled
Options	Select Reporter Options Reporting of Specific Events.	Not applicable
Number of Reports	Limits the number of messages sent (per zone) to the Central Station during an armed period. The system scrolls between the available options. Options: 1 Report 2 Reports 3 Reports 4 Reports 5 Reports 6 Reports	2 Reports
Alarm Report Delay	Select the time delay for alarm reporting. The system scrolls between the available options. Options: No delay 15 Sec. 30 Sec. 45 Sec.	30 Sec.
First Offset Report	Select the time for the first Test Report following power-up/programming or downloading. The system scrolls between the available options. Options: 6 Hrs 12 Hrs 18 Hrs 24 Hrs	6 Hrs
Report Frequency	Select the Test Report frequency. The system scrolls between the available options. Options: Never Every Day Every 7 Days Every 30 Days	Never

Program Sounder

Programming Field	Function and Action	Programmed Default
Burglary Alarm Sound	Reduces the full burglary alarm sound for testing. The system toggles between the available options. Options: Yes (Full volume) No (Test volume - installer mode)	Yes
Burglary Bell Timeout	Disable or select the time for timeout of the Burglary Alarm Sounder. The system scrolls between the available options. Options: No 4 Minutes 8 Minutes 12 Minutes 16 Minutes	4 Minutes
Fire Bell Timeout	Disable or select the time for timeout of the Fire Alarm Sounder. The system scrolls between the available options. Options: No 4 Minutes 8 Minutes 12 Minutes 16 Minutes	4 Minutes
Arm Confirm	Disable or enable sounder “ding” when system is armed locally or via an RF Keypad or Wireless Key. The system scrolls between the available options. NOTE: This feature must be enabled for Commercial Burglary installations. Options: None All RF (and panel) RF Key Fob RF Keypad	RF Key fob

Program System Settings

Programming Field	Function and Action	Programmed Default
Entry Delay 1	Select an Entry Delay time in seconds. The system will wait the selected time before sounding alarm upon entering, if system has not been disarmed. ETL: The Entry Delay must be set for a maximum of 45 seconds. Options: None 90 Seconds 15 Seconds 2 Minutes 30 Seconds 3 Minutes 45 Seconds 4 Minutes 60 Seconds	30 Seconds
Entry Delay 2	Select an Entry Delay time in seconds. The system will wait the selected time before sounding alarm upon entering, if system has not been disarmed. ETL: The Entry Delay must be set for a maximum of 45 seconds. Options: None 90 Seconds 15 Seconds 2 Minutes 30 Seconds 3 Minutes 45 Seconds 4 Minutes 60 Seconds	30 Seconds
Exit Delay	Select an Exit Delay time in seconds for both Entry Delay 1 and 2 Zone Types. The system will wait the selected time before sounding an alarm if the exit door is left open after the system has been armed. Options: 45 Seconds 60 Seconds 90 Seconds 2 Minutes	60 Seconds
Backlight Timeout	Disable or enable backlight turnoff after 30 seconds. The system toggles between the available options. NOTE: The backlight timeout will not turn off when the panel is in Program Mode or if any zone that prevents the panel from being armed away is faulted. Options: No 30 Seconds	30 Seconds
Quick Arm	Disable or enable Quick Arm Mode. If enabled, pressing the AWAY button (ICON) and then selecting the "Quick Arm" button on the displayed keypad will arm the system. The system toggles between the available options. Options: No Yes	Yes
Quick Exit	Disable or enable Quick Exit Mode. If enabled the Exit Delay can be restarted to allow entry or exit when the system is armed. The system toggles between the available options. Options: No Yes	Yes

Program System Settings

<p>Restart Exit Time</p>	<p>Disable or enable Restart Exit Time Mode after the system has been armed and the Exit Delay is counting down. If enabled, the Exit Delay time can be restarted by selecting the “Restart” icon and entering the User Code (if quick arming is disabled) or by selecting the Restart icon (if quick arming is enabled). The system toggles between the available options.</p> <p>NOTE: Automatic Exit Delay Reset, which resets exit delay if the entry/exit door is re-opened and closed before Exit Delay time expires after arming, is always enabled regardless of this setting.</p> <p>Options: No Yes</p>	<p>Yes</p>
<p>Exit Warning</p>	<p>Disable or enable audible Exit Warning. Exit warning sounds consist of slow continuous beeps until the last 10 seconds, when it changes to fast beeps. This field is not programmable and is always enabled.</p>	<p>Yes</p>
<p>Auto Stay Arming</p>	<p>Disable or enable Auto Stay Arming Mode. The system toggles between the available options. If enabled, when the control panel has been armed “Armed Away” locally or via RF keypad, the system will switch to the “Armed Stay” mode if the Exit Time has expired and no exit has been made.</p> <p>Options: No Yes</p>	<p>Yes</p>
<p>Lack of Usage Notify</p>	<p>Disable or enable Lack of Usage Notification feature. The system scrolls between the available options. If enabled, notifies the Central Station if an end user has not operated the security system for a selected period of time by sending a System Inactivity report (CID code 654).</p> <p>Options: Disabled 1 Day 7 Days 27 Days 90 Days 180 Days 365 Days</p>	<p>Disabled</p>
<p>Power-Up in Previous</p>	<p>Disable or enable Power-Up in Previous Mode feature. The system toggles between the available options. When the system powers up armed, an alarm will occur 1 minute after arming if a zone is faulted. Any bypassed zones will remain bypassed. This field is always “Enabled” and is not selectable.</p>	<p>Yes</p>
<p>Display Alarm Cancel</p>	<p>Disable or enable display of Cancelled Alarm. The system toggles between the available options.</p> <p>Options: No Yes</p>	<p>Yes</p>
<p>Display Exit Time</p>	<p>Disable or enable display of Exit Time. The system toggles between the available options.</p> <p>Options: No Yes</p>	<p>Yes</p>

Program System Settings (Continued)

Programming Field	Function and Action	Programmed Default
[(A) - (D)] Cross Zone Delay	Select "Cross Zone Delay". The System toggles between the following: None 30 Seconds 1 Minute 90 Seconds 2 Minutes 3 Minutes 4 Minutes Note: Cross zoning cannot be used in conjunction with APL.	None
(A) Cross Zone 1 (B) Cross Zone 1 (C) Cross Zone 1 (D) Cross Zone 1	Select the first zone that will be used for Cross Zoning for the respective Cross Zone List [(A) - (D)]. The system displays the available zones.	Disabled
(A) Cross Zone 2 (B) Cross Zone 2 (C) Cross Zone 2 (D) Cross Zone 2	Select the second zone that will be used for Cross Zoning for the respective Cross Zone List [(A) - (D)]. The system displays the available zones.	Disabled

Program Z-Wave

Programming Field	Function and Action	Programmed Default
Z-Wave	Enable or Disable Z-Wave operation for use with Z-Wave thermostats. The system toggles between the available options. Options: Enabled Disabled	Enabled
Temperature Display	Select the correct temperature display. The system toggles between the available options. Options: Fahrenheit Celsius	Fahrenheit

Program RF Keypad

The Lyric supports the installation of up to eight SiX™ Series RF keypads. The Keypad should be setup in accordance with the documentation provided with the keypad prior to beginning the enrollment process. A Zone Descriptor should be assigned to each enrolled Keypad to ensure that Zones can be easily identified.

Programming Field	Function and Action																	
<p>RF Keypad</p>	<p>Select a keypad zone from the available options, then select “Add New” to enroll the RF Keypad OR select “Add New” to enroll the RF Keypad in the next available zone.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">850. Keypad</td> <td style="width: 50%;">851. Keypad</td> </tr> <tr> <td>852. Keypad</td> <td>853. Keypad</td> </tr> <tr> <td>854. Keypad</td> <td>855. Keypad</td> </tr> <tr> <td>856. Keypad</td> <td>857. Keypad</td> </tr> </table> <p>Select a zone and then select “Edit” or “Add New” to program the next available zone. The following options are displayed:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Serial Number</td> <td style="width: 33%;"></td> <td style="width: 33%;"></td> </tr> <tr> <td>Zone Description 1</td> <td>Zone Description 2</td> <td></td> </tr> <tr> <td>Supervision Time</td> <td></td> <td></td> </tr> </table>	850. Keypad	851. Keypad	852. Keypad	853. Keypad	854. Keypad	855. Keypad	856. Keypad	857. Keypad	Serial Number			Zone Description 1	Zone Description 2		Supervision Time		
850. Keypad	851. Keypad																	
852. Keypad	853. Keypad																	
854. Keypad	855. Keypad																	
856. Keypad	857. Keypad																	
Serial Number																		
Zone Description 1	Zone Description 2																	
Supervision Time																		
<p>Serial Number</p>	<p>When “Serial Number” has been selected “Enter Serial Number or Activate” is displayed. Follow the applicable steps below to enroll the SiX™ Keypad. (Refer to the documentation provided with the SiX™ keypad for additional information.)</p> <ol style="list-style-type: none"> 1. Apply power to the RF keypad. Allow up to 20 seconds for pairing to complete. If the keypad has been successfully paired with the control, the “Pairing Complete” will be displayed. If the pairing is not successful, remove electrical power and disconnect the battery. 2. Reinstall the battery and repeat step 1. 3. The device serial number is displayed on the Lyric screen and the system beeps three times and returns to the Zone Programming Screen. 4. The device’s battery level and signal strength are displayed on the Lyric control. 																	
<p>Zone Description1/ Zone Description 2</p>	<p>Select “Zone Description 1 or Zone Description 2”. Using the displayed keypad enter Zone Description 1 or Zone Description 2. The system announces the Zone Description. Enter “Done”, when you are finished. The system returns to the Zone Programming page.</p> <p>NOTE: When programming the Zone Description, after entering the first letter of the description on the keypad, use the up ^ and down v, arrows to scroll through the available preprogrammed zone descriptions.</p>																	
<p>Supervision Time (minutes)</p>	<p>The Supervision Time is not programmable locally and is set to 60 minutes</p>																	

Communications Diagnostics

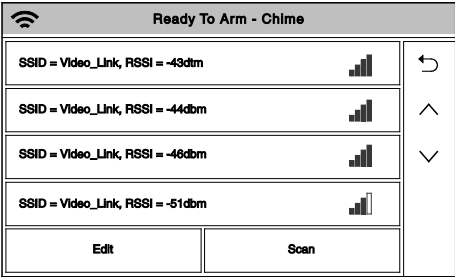
For additional information regarding these fields, refer to the Lyric Controller Installation and Setup Guide p/n 800-18076 or higher.

Communication Diagnostics
 Use the down “v” arrow to scroll to the next page of options. Use the “^” arrow to return to the previous page. Choose from the following options (depending upon the Communication Module that is installed):
Configure WiFi - Provides access to the options for connecting the Lyric Controller panel to a WiFi Network
WiFi Information - Displays IP information if the WiFi Communication Path is enabled.
Cellular Information - Displays Cellular information if the Communication Path is enabled and the device is registered.
Communication Status - Displays status of the WiFi or Cellular Communications Paths and performs a self-test of the advanced encryption standard (AES) algorithm.
Test Communication - Performs network diagnostics and sends test alarms to the network.
Setup Communication - Resets factory defaults.
Communication ID Numbers - Displays programmed information for the installed communication module.

Configure WiFi
 1. Select “Comm. Diagnostics” from the Installer Programming screen to connect the Lyric Controller panel to a WiFi Network.
 2. Select “Configure WiFi”. The System displays the following options:
 Scan Access Points
 Manual Configure AP
 WPS
 Automatic Video Recovery

Enroll using Scan Access Points
NOTE: If the preferred access point is not available after scanning, manually select the network via the “Manually Configure Access Points” procedure.

1. Select “Scan”. The available networks and signal strength are displayed. Use the down “v” arrow to scroll to the next page of options. Use the “^” arrow to return to the previous page.



Bars	Meaning	RSSI range (dBm)
4 White	No connection	-255 (used internally)
1 Yellow, 3 White	Weak	-81 or higher
2 Yellow, 2 White	Fair	-71 to -80
3 Yellow, 1 White	Good	-51 to -70
4 Yellow	Excellent	-50 or less

3. Select the desired Network and then press the “Edit” button. The network information is displayed. If the network is not password protected, select the “Join” button. A confirmation screen will be displayed.
 4. Select the “Key” button and enter the password for the WiFi Network, then select the “Save” button.
 5. Select the “Join” button. A confirmation screen is displayed.
 6. Select “OK”.
 7. Select the “↶” button. The WiFi information will be displayed. Signal strength is indicated by a series of colored bars along with the RSSI level (in dBm).

Manual Configure AP (Access Point)
 1. Select “Manual Configure AP”.
 2. Select “SSID Name” and then enter a name (not to exceed 31 characters) on the displayed keyboard.
 3. Select “Security”. The system scrolls between the following options:
 Open
 wpa/wpa2
 WPA2
 WEP
 4. Select “Network Type”. The system scrolls between “Infrastructure” and “Ad-Hoc”.
 5. If a password is required, select “Key” and enter the password.
 6. Select the “Join” option.
 7. “Device successfully added to the Network” is displayed. Select “OK to confirm the selection.
 8. Select the “↶” option. The WiFi information will be displayed. Signal strength will be indicated by a series of colored bars along with the RSSI level (in dBM). (Refer to the table above.)

Communications Diagnostics (Continued)

WiFi Protected Set up (WPS)

NOTE: For WPS operation, press the WPS button on the access point first. Then press the WPS button within 2 minutes

1. Select "WPS", the system displays "Please Stand-by for WPS Operation...".
2. If the operation is successful the system displays "Device has been successfully added to the network." Select "OK" to confirm the selection.
3. If the operation is unsuccessful the system displays "Failed Operation. Device not added to the network." Select "OK".

WiFi Information - The following information is displayed:

Message	Function
WiFi Link:	Confirms physical link connection and speed (** Mbps or Bad)
DHCP:	Displays status of server (OK, Bad or Off)
NIC IP Address:	Displays the communication device's assigned IP address
Subnet Mask:	Displays the 32-bit address mask used to indicate the portion (bits) of the IP address that is being used for the subnet address
Gateway IP Address:	Displays the IP address assigned to the Gateway
DNS Server IP Address:	Displays the IP address assigned to the DNS server

Cellular Information - The following information is displayed:

LYRIC-3G Communications Module

Message	Function
Cell Phone Type:	UMTS
Model:	Displays model number (i.e.; PHS8-USA)
IMEI:	Displays device's 15-digit serial number
ICC ID:	Display SIM Card's 20-digit serial number
	Displays registration status
Registration Status:	(Home, Registration Failed - not registered, Registration Denied, Registration Unknown, Roam, Searching)
Access Technology:	UMTS/HSDPA/HSPA (3G) OR GSM (2G)
Channel:	Displays 4-digit RF channel no.
Ec/No	Power to Noise Ratio (in -dBm)
RSCP	Displays signal code power (in -dBm)

LYRIC-CDMA Communications Module

Message	Function
Cell Phone Type:	CDMA
Model:	Displays model number (i.e.; SL3010T)
ESN/MEID:	Displays Device's 32-bit serial number
Registration Status:	Displays registration status
Access Technology:	CDMA 1X
Channel:	Displays 3-digit RF channel no.
Ec/Io	Ratio of Signal Power to Overall Noise (in -dB)
RSSI	Displays RSSI signal strength (in -dBm)

If the Cellular is not registered the following may be displayed:

- Configuring radio module - Please wait...
- Radio module powered up but not initialized yet - Please wait...
- Radio module operation suspended - cannot retrieve information
- Radio module failure - SIM error
- Radio module failure - Cannot initialize radio module
- Radio module in airplane mode - reconfiguring and rebooting - please wait...
- Radio module powering up - please wait...

Communications Diagnostics (Continued)

Communication Status - The following information is displayed:

Message	Function
Cellular and/or IP:	Displays Network Connectivity status (OK, Fault Reported!, Not Connected, Not Registered! Or No Physical Link)
Encryption:	Displays result of encryption test (Pass or Fail)
AlarmNet Registration:	Displays Account Registration status (Registered or Not Registered)

Test Communication - Performs network diagnostics and sends test alarms to AlarmNet 360. The following tests are available depending on the type of communications module installed:

Test Ethernet

This test is available if WiFi communication path is enabled. The network diagnostic process tests the integrity of the links between the Lyric Controller and the various connection points of AlarmNet Control that are known as "Redirectors". If a physical link is detected and is ready, the following diagnostics are performed.

Testing Gateway...	Traces the connection to the Gateway and displays the following:
Testing Gateway - Successful!	A successful trace to Gateway
Testing Gateway - Failed!	Failed to reach Gateway
Testing Redirector *	Sequentially traces the connection to Redirector 1, 2 and 3 at AlarmNet Control. The following will be displayed:
Redirector * - Service OK	Service at AlarmNet Control on Redirector 1, 2 or 3 is functioning.
Redirector * - Failed	Error occurred on Redirector 1, 2 or 3.
SUMMARY	A summary of the tests is displayed after Redirector 3 is tested. The example shows that the tests of all three connection points, or Redirectors, were successful. If an error occurred at any point, the summary will display "Failed" next to the faulty Redirector
Redirector 1 - Service OK	
Redirector 2 - Service OK	
Redirector 3 - Service OK	
If no physical link is detected, the test is aborted and one of the following is displayed:	
No Physical Link	No physical link is detected.
Link Not Ready	There is a link but it is not ready (address not resolved).
* = Number of the director being tested is displayed	

Send Any

If both WiFi and Cellular communication paths are enabled and the Lyric Controller is registered, a Test alarm is sent over WiFi path. If that is not successful, it sends the alarm over Cellular path.

Send Cellular Message

If Cellular communication path is enabled and the Lyric Controller is registered, a Test alarm to AlarmNet 360 over the Cellular path.

Send Ethernet Message

If WiFi communication path is enabled and the Lyric Controller is registered, a test alarm to AlarmNet 360 over the WiFi path

The following messages are displayed in response to the Send Any, Send Cellular Message and Send Ethernet Message selections:

Sending Message	Test Message is being sent
Waiting For ACK	
ACK Received	The device is registered
Test Message Failed - Not Registered	The device is not registered

Setup Communication - Reset factory defaults. Select the following option:

Factory Defaults - The communication device is reset to factory default values.

Communication ID Numbers - The following information is displayed, as applicable to communications path that has been programmed:

Message	Function
MAC:	Displays Panel MAC address
MAC CRC:	Displays Panel MAC CRC number
WiFi Module	Displays physical address of the WiFi module
WiFi Ver	Displays WiFi Module software version

Communications Diagnostics (Continued)

Registering the Lyric Controller

Register the communications module through the AlarmNet 360 website.

The following information available should be available when programming the device:

- Primary City ID (two-digit number)
- Primary Central Station ID (two-digit hexadecimal number)
- Primary Subscriber ID (four-digit number)
- MAC ID and MAC CRC number (located on the outside of the box and on label inside module).

Note: Data must be transferred to the module, and it must be registered. Registration can take up to five minutes to complete.

Step	Action
1.	Log on to the AlarmNet 360™ website. Go to: http://alarmNet360.com
2.	Log in and follow the on-screen prompts. If you are not signed up for this service, click on “Dealer Signup” from the login screen to gain access to the Honeywell web-based programming. Dealer Sign-Up Direct Link: https://services.alarmnet.com/AlarmNetDirectp_signup/Submission_Agree.aspx
3.	You will be instructed how to proceed upon completing the sign-up form. Only one sign-up per dealer is required. Once an initial user is established, additional logins may be created by that user.
4.	Once the module has registered, log out of the AlarmNet 360 website.

Checking Signal Strength

When choosing a suitable mounting location, check the communications module’s signal strength to ensure proper operation. For most installations, using the module’s internal antenna, mounting the Lyric controller as high as practical, and avoiding large metal components provides adequate signal strength for proper operation. To check signal strength, perform the following test.

Check Signal Strength

1. With the System in the Installer Programming mode, select the “Comm. Diagnostics” button and then select the “Cellular Information” button. The Cellular Information will be displayed. The signal strength is displayed (in dBm) as RSCP if the Lyric-3G module is operating on the 3G Network or RSSI if the module Lyric-3G module is operating on the 2G Network and for the Lyric-CDMA module.
2. Compare the displayed RSCP or RSSI number to the correct Signal Strength Guide at right to ensure adequate signal strength. If necessary, relocate the Controller to obtain better signal strength (select “Cellular Information” again to refresh the reading).
3. If adequate signal strength cannot be achieved, External Antenna Kit model Cell-ANTST should be used.

Lyric -3G Signal Strength	
RSCP (3G)	
Good.....	-20 to -90 dBm
OK.....	-91 to -100 dBm
Marginal.....	-101 to -106 dBm
Bad.....	-107 to -120 dBm
RSSI (2G)	
Good.....	-20 to -89 dBm
OK.....	-90 to -98 dBm
Marginal.....	-99 to -104 dBm
Bad.....	-105 to -120 dBm
Lyric -CDMA Signal Strength	
RSSI	
Good.....	-20 to -90 dBm
OK.....	-91 to -100 dBm
Marginal.....	-101 to -106 dBm
Bad.....	-107 to -120 dBm

Testing the System

After installation is completed, the security system should be carefully tested, as follows:

Step	Action
1.	With the system in the disarmed state, check that all zones are intact. If the "Home" button is not lit, select the Zones icon to display the faulted zone(s). If necessary, restore faulted zone(s) so that the "Home" button lights. Fault and restore every sensor individually to assure that it is being monitored by the system.

Armed System Test

Alarm messages will be sent to the Central Station during the following steps 1 and 2. **Notify the Central Station in advance that tests will be in progress.**

Step	Action
1.	Arm the system and fault one or more zones. Silence alarm sounder(s) and disarm the system by selecting the Home key and entering the Security Code. Check entry/exit delay zones.
2.	Check the keypad-initiated alarms that are in the system by selecting the Panic key. If the system has been programmed for audible emergency, the keypad will emit a steady alarm sound, and "ALARM" and zone number will be displayed. Silence the alarm by pressing the Home key and entering the Security Code. If the system has been programmed for silent emergency, there will be no audible alarms or displays, but a report will be sent to the Central Station.
3.	Notify the Central Station when all tests are finished, and verify results with them.
4.	To test the wireless part of the system and the RF receiver, perform the RF Sniffer Mode and Go-No-Go Tests.

Additional Tests

The Test button provides access to several test modes. The system displays the selected Test Mode in the status bar and beeps every 30-40 seconds.

RF Sniffer Test Mode

This mode is used to verify that all transmitters have been properly programmed. Sniffer Mode does not automatically expire. You must manually exit Sniffer Mode to return to normal operation.

Go-No-Go Test Mode



Conducting this test with your hand wrapped around the transmitter will cause inaccurate results. If a button is pressed on a transmitter that has been programmed to set ARM AWAY, ARM STAY, or DISARM, the system will exit the Go/No Go Test mode and the programmed action will occur.

The Go-No-Go tests is used to verify adequate RF signal strength from the proposed transmitter location, and allow you to reorient or relocate transmitters if necessary, before mounting the transmitters permanently. This mode is similar to the RF Sniffer Mode, except that the wireless receiver gain is reduced. This will enable you to make sure that the RF signal from each transmitter is received with sufficient signal amplitude when the system is in the normal operating mode.

Walk Test Mode

The Walk Test mode allows each protection point to be checked for proper operation.

Zone Discovery Mode



Zone Discovery Mode requires Installer supervision when in use. The system is not fully operational for fire or life safety while Zone Discovery Mode is active.

Zone discovery mode can be used to remotely view all zones that have been programmed in the system for operation. The zones must have a response type programmed and in the case of RF zones, must also have a serial number programmed. All programmed zones (except for duress) will be displayed.

Programming Field	Function and Action
Walk Test	<ol style="list-style-type: none"> 1. Open each protected door and window and all sensors and listen for three beeps from the control, followed by the zone's Voice Descriptor, if it is programmed. Identification of each faulted protection point should appear on the display. The display will clear when the zone is restored. 2. When all protection points have been checked and restored, there should be no zone identification numbers displayed on the touchscreen.

Testing the System (Continued)

Programming Field	Function and Action
RF Sniffer Test	<p>NOTE:If the communicator is in the process of sending a report to the Central Station, the system will not enter the RF Sniffer Mode. Wait a few minutes and try again.</p> <ol style="list-style-type: none"> The system displays all programmed zone numbers and zone descriptors which have a non-zero Zone Type. Fault each transmitter in turn, causing each one to send a signal. As the system receives a signal from each of the transmitters, the zone number of that transmitter disappears from the display. The transmitters may be checked upon installation, or in an installed system. When all transmitters have been checked, Exit RF Sniffer Test mode by depressing the Home key and entering the Installer Code or a User Code.
Go-No-Go Test	<p>Once the transmitters have been enrolled and placed in their desired locations, and the approximate length of wire to be run to sensors is connected to the transmitter screw terminals (if used), fault each transmitter.</p> <ol style="list-style-type: none"> The keypad beeps three times indicating signal reception, displays the appropriate zone number and announced the zone description. If the keypad does not beep, reorient or move the transmitter to another location. Usually a few inches in either direction is all that is required. If each transmitter produces the proper keypad response when faulted, they can be permanently mounted according to their respective instructions. Exit Go-No-Go Test mode by depressing the Home key and entering the Installer Code or a User Code.
Diagnostics	Provides access to the Reboot Feature. Refer to the paragraph in this section for additional information regarding this feature.
Zone Discovery	<ol style="list-style-type: none"> The “Zone Discovery” button is highlighted indicating that the mode is active. Exit Zone Discovery Mode by depressing the Home key and entering the Installer or a User Code. If you do not exit Zone Discovery Mode manually, the system will automatically exit Zone Discovery Mode in approximately 1-4 minutes dependent upon the number of zones that are programmed. The system beeps once and returns to the home screen.
Install Cell	User feature that allow the Master User to install or replace a Communications Module. Refer to the User Guide (p/n 800-18078) for additional information.
System Information	System Information is displayed. Select OK to return to the previous screen.
Install Backup Battery	User feature that allow the Master User to replace the backup battery. Refer to the User Guide (p/n 800-18078) for additional information.

- NOTES:**
- Button-type 5800 series devices do not automatically send check-in signals and must physically be activated to clear the display.
 - When one button of a button type, supervised or unsupervised RF transmitter is activated, all zones assigned to other buttons on that transmitter are cleared. This also applies to transmitters that have multiple loops (zones).
 - Any transmitter that is not “entered” will not turn off its zone number.
 - For SIA installations, the following devices may be used as specified for panic (24-hour) alarm response:
 - wireless keys which have two-button panic pairs available, on which only the two-button panic pairs may be programmed for any 24-hour alarm response
 - wireless keypads that have a two-second delay on the special function keys, or two-button panic pairs
 - built-in keypad panic key
 - Go-No-Go Test will be automatically terminated after 3-1/2 to 4 hours if it is not manually terminated. This ensures that fire and panic zones will not remain disabled. RF Sniffer Test Mode does not automatically expire and must be exited manually to return to normal operation. During the final 5 minutes the system will emit double beeps indicating that the end of Test mode is nearing.

Rebooting the System

The Reboot function allows you to restart the system if required. To reboot the system perform the following:

Step	Action
1.	With the System in the Installer Programming mode, select the “Test” button and then select the “Diagnostics” button.
2.	The system advances to the next screen. Select the “Reboot” button.
3.	A confirmation screen appears. Select “Yes”. The system will restart. NOTE: If the controller has been defaulted or is not associated with AlarmNet 360, the WiFi enrollment screen will be displayed when the boot-up is complete.

NOTE: After the reboot sequence is complete a “Walk Test” should be performed to verify that all transmitters are operational in the system.

Zone Programming Worksheet

Fill in the required data on this worksheet, then follow the programming procedure. (The defaults for Configuration 1 are shown)

See Explanation of Zone Assignment Table Headings

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
1	N/A	New	Not Used	Yes	Disabled	End of Line	N/A	N/A	(HW Zone)
2	N/A	New	Not Used	Yes	Disabled	End of Line	N/A	N/A	(HW Zone)
3	2	Door	Entry Exit 1	Yes	Standard	Supervised	N/A		Front
4	2	Door	Entry Exit 1	Yes	Standard	Supervised	N/A		Back
5	2	Window	Perimeter	Yes	Standard	Supervised	N/A		
6	1	Motion Sensor	Interior with Delay	Yes	Disabled	Supervised	No		
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
92									
93									
94									
95									
96									
97									
98									
99									
100									
101									
102									
103									
104									
105									
106									
107									
108									
109									
110									
111									
112									
113									
114									

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
115									
116									
117									
118									
119									
120									
121									
122									
123									
124									
125									
126									
127	1	New	Not Used	No	Standard	Supervised	N/A		Main
128	1	New	Not Used	No	Standard	Supervised	N/A		Main
129	1	New	Not Used	No	Standard	Supervised	N/A		Main
130	1	New	Not Used	No	Standard	Supervised	N/A		Main
131	3	Key Fob	Arm Away	Yes	Disabled	Button	N/A		
132	2	Key Fob	Disarm	Yes	Disabled	Button	N/A		
133	4	Key Fob	Arm Stay	Yes	Disabled	Button	N/A		
134	1	Key Fob	No Response	No	Disabled	Button	N/A		
135	3	Key Fob	Arm Away	Yes	Disabled	Button	N/A		
136	2	Key Fob	Disarm	Yes	Disabled	Button	N/A		
137	4	Key Fob	Arm Stay	Yes	Disabled	Button	N/A		

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
138	1	Key Fob	No Response	No	Disabled	Button	N/A		
139	1	New	Not Used	Yes	Disabled	Button	N/A		
140	1	New	Not Used	Yes	Disabled	Button	N/A		
141	1	New	Not Used	Yes	Disabled	Button	N/A		
142	1	New	Not Used	Yes	Disabled	Button	N/A		
143	1	New	Not Used	Yes	Disabled	Button	N/A		
144	1	New	Not Used	Yes	Disabled	Button	N/A		
145	1	New	Not Used	Yes	Disabled	Button	N/A		
146	1	New	Not Used	Yes	Disabled	Button	N/A		
147	1	New	Not Used	Yes	Disabled	Button	N/A		
148	1	New	Not Used	Yes	Disabled	Button	N/A		
149	1	New	Not Used	Yes	Disabled	Button	N/A		
150	1	New	Not Used	Yes	Disabled	Button	N/A		
151	1	New	Not Used	Yes	Disabled	Button	N/A		
152	1	New	Not Used	Yes	Disabled	Button	N/A		
153	1	New	Not Used	Yes	Disabled	Button	N/A		
154	1	New	Not Used	Yes	Disabled	Button	N/A		
155	1	New	Not Used	Yes	Disabled	Button	N/A		
156	1	New	Not Used	Yes	Disabled	Button	N/A		
157	1	New	Not Used	Yes	Disabled	Button	N/A		
158	1	New	Not Used	Yes	Disabled	Button	N/A		
159	1	New	Not Used	Yes	Disabled	Button	N/A		
160	1	New	Not Used	Yes	Disabled	Button	N/A		

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
161	1	New	Not Used	Yes	Disabled	Button	N/A		
162	1	New	Not Used	Yes	Disabled	Button	N/A		
280	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
281	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A	N/A	
282	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
283	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A	N/A	
284	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
285	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A	N/A	
286	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
287	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A	N/A	
288	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
289	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A	N/A	
290	N/A	Temp.	Monitor	Yes	Disabled	High Temp	N/A	N/A	
291	N/A	Temp.	Monitor	Yes	Disabled	Low Temp	N/A		
850	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
851	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
852	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
853	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
854	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
855	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
856	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
857	N/A	Keypad	N/A	N/A	N/A	60 (minutes)	N/A		
995	N/A	Fire	Fire No Verification	Yes	Disabled	Panic Trigger	N/A	N/A	

Zone Programming Worksheet (Continued)

Zone No.	Loop No.	Device Type	Response Type	Alarm Report	Chime	Supervision	Arm Night	Transmitter Serial Number	Zone Descriptor
996	N/A	Medical	Not Used	Yes	Disabled	Panic Trigger	N/A	N/A	
998	N/A	Local Alarm	Local	Yes	Disabled	Panic Trigger	N/A	N/A	
999	N/A	Police	24 Hour Silent	Yes	Disabled	Panic Trigger	N/A	N/A	

Explanation of Zone Assignment Table Headings

Loop Number - Used with 5800 Devices. Record transmitter loop number. Entries are 1-4, depending on device being used. Refer to the transmitter's instructions or the figure provided for appropriate loop numbers.

Device Type- Dependent upon the Zone Number being programmed.

Door Window Motion Sensor Glass Break	Smoke Detector Heat Sensor Carbon Mono. Det. Temperature	Flood Environmental Medical Police	Fire Garage Door Other Local Alarm
--	---	---	---




Response Type - Dependent upon the Device Type that has been selected.

Entry Exit 1 Entry Exit 2 Perimeter Interior Follower Day/Night 24 Hour Silent Garage Monitor	24 Hour Audible 24 Hour Auxiliary Fire No Verification Interior with Delay Monitor Carbon Monoxide Local	Trouble Arm Stay Arm Away Disarm No Response Silent Burglary	Resident Monitor Resident Response General Monitor General Response Fire With Verification Garage
---	--	---	--

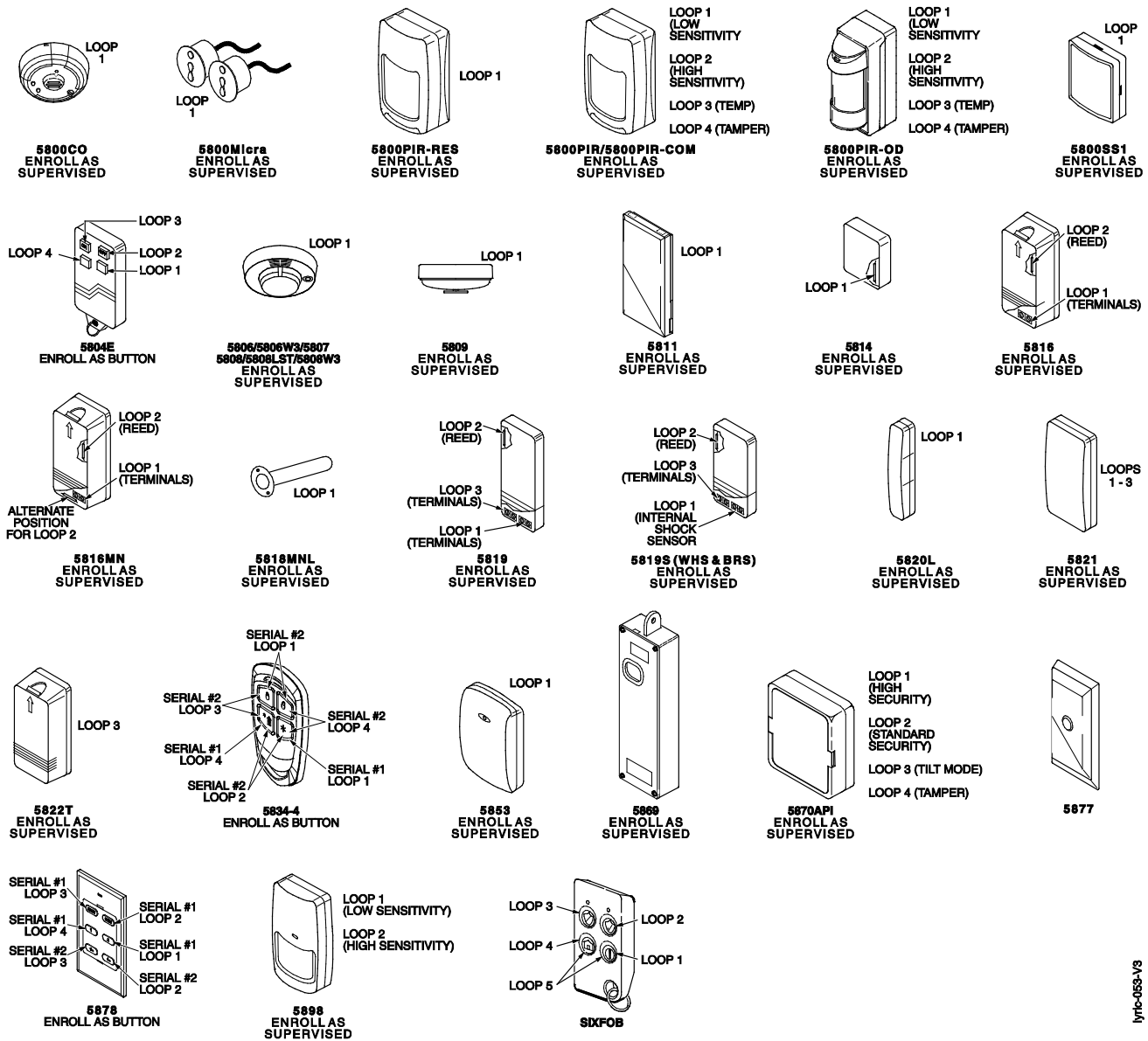
Supervision - Dependent upon the Zone Number being programmed.

Hardwire Zone (Zone 1 & 2)	Wireless Zone (Zone 3-130)	Key (Zone 131-162)	Temperature (Zone 280-291)
End of Line (Resistor) Normal-Closed Normal-Open	Supervised Unsupervised	Button	High Temp Low Temp

SiX™ Series Device Signal Strength

Icon	Description	Signal Strength
	Five Green Bars	Greater than -77dBm
	Three Yellow Bars	-85dBm to -77dBm
	One Red Bar	Less than -85dBm

RF Transmitter Loop Numbers



lyric-068-1/3

- NOTES:**
- (1) The 5806W3 smoke detector must be used in SIA applications.
 - (2) Button type devices send only fault and low battery signals; no restore or check-in signals. Supervised RF devices send periodic check-in signals, faults, restore and low battery signals.
 - (3) The 5804E and 5834-4 encrypted (High-Security) devices must be activated while the system is in Go/No-Go Test Mode. Refer to the transmitter's Installation Instruction for complete details. The system will confirm the enrollment of the encrypted device by beeping two times
 - (4) The 5800PIR-OD, 5800SS1, 5804E, 5814, 5821, 5877, and 5878 wireless transmitters have not been evaluated by ETL.

Programming Default Values

Program Function	Configuration 1	Configuration 2	Configuration 3	Configuration 4
Installer Code	4112	4112	4112	4112
System Type				
RF Jam	RF Jam Log	RF Jam Log	RF Jam Log	RF Jam Log
RF House Code	0	0	0	0
Two Way Voice	Disabled	Disabled	Disabled	Disabled
Events - Log All	Press to Log All	Press to Log All	Press to Log All	Press to Log All
Events - Log Alarm	Enabled	Enabled	Enabled	Enabled
Events - Log Bypass	Enabled	Enabled	Disabled	Disabled
Events - Log Open/Close	Enabled	Enabled	Disabled	Disabled
Events - Log Trouble	Enabled	Enabled	Enabled	Enabled
Non Security	Enabled	Enabled	Disabled	Disabled
Remote Access Serial	Disabled	Disabled	Disabled	Disabled
Multi Mode Serial	Disabled	Disabled	Disabled	Disabled
Date Time				
Calendar	January 1, 2013	January 1, 2013	January 1, 2013	January 1, 2013
Enter Time	12:00 PM	12:00 PM	12:00 PM	12:00 PM
Time Zone	Eastern (EST)	Eastern (EST)	Eastern (EST)	Eastern (EST)
Day Light Savings time	Yes	Yes	Yes	Yes
Start Month	March	March	March	March
Start Week	Second	Second	Second	Second
End Month	November	November	November	November
End Week	First	First	First	First
Communicator				
Communications Path	WiFi	WiFi	WiFi	WiFi
APL	Disabled	Disabled	Disabled	Disabled
City ID	Blank	Blank	Blank	Blank
CS ID	Blank	Blank	Blank	Blank
Sub ID	Blank	Blank	Blank	Blank
Supervision	30 Days	30 Days	30 Days	30 Days
Old Alarm Time	10 Minutes	10 Minutes	10 Minutes	10 Minutes
Remote Acc. Comm.	Disabled	Disabled	Disabled	Disabled
Multi Mode Comm.	Disabled	Disabled	Disabled	Disabled
WiFi Fault Time (min)	00	00	00	00
Use DHCP	Yes	Yes	Yes	Yes
NIC IP Address	255.255.255.255	255.255.255.255	255.255.255.255	255.255.255.255
Subnet Mask	255.255.255.255	255.255.255.255	255.255.255.255	255.255.255.255
Gateway IP Address	255.255.255.255	255.255.255.255	255.255.255.255	255.255.255.255
DNS Server IP Address	255.255.255.255	255.255.255.255	255.255.255.255	255.255.255.255
GSM Fault Time	60	60	60	60
GSM Rollover	No	No	No	No
GSM 24 Hour Test	No	No	No	No
Zones	See Zone Programming Default Configurations			
Keys	See Zone Programming Default Configurations			
Reporter				
Report Selection				
Arm Away	Enabled	Enabled	Enabled	Enabled
Arm Stay	Enabled	Enabled	Enabled	Enabled
Disarm	Enabled	Enabled	Enabled	Enabled
Exit Error	Enabled	Enabled	Enabled	Enabled
Recent Closing	Enabled	Enabled	Enabled	Enabled
Event Log Full	Enabled	Enabled	Enabled	Enabled
Trouble	Enabled	Enabled	Enabled	Enabled
Trouble Restore	Enabled	Enabled	Enabled	Enabled
Alarm Restore	Enabled	Enabled	Enabled	Enabled
Alarm Cancel	Enabled	Enabled	Enabled	Enabled

Programming Default Values

Program Function	Configuration 1	Configuration 2	Configuration 3	Configuration 4
Test	Enabled	Enabled	Enabled	Enabled
Test Restore	Enabled	Enabled	Enabled	Enabled
Bypass	Enabled	Enabled	Enabled	Enabled
Bypass Restore	Enabled	Enabled	Enabled	Enabled
AC Loss	Enabled	Enabled	Enabled	Enabled
AC Loss Restore	Enabled	Enabled	Enabled	Enabled
Low Battery	Enabled	Enabled	Enabled	Enabled
Low Battery Restore	Enabled	Enabled	Enabled	Enabled
RF Low Battery	Enabled	Enabled	Enabled	Enabled
RF Low Battery Restore	Enabled	Enabled	Enabled	Enabled
Options				
Number of Reports	2 Reports	2 Reports	2 Reports	2 Reports
Alarm Report Delay	30 Sec.	30 Sec.	30 Sec.	30 Sec.
First Report Offset	6 Hrs	12 Hrs	12 Hrs	12 Hrs
Report Frequency	Never	30 Days	Never	Never
Sounder				
Burglary Alarm Sound	Yes	Yes	Yes	Yes
Burglary Bell Timeout	4 Minutes	4 Minutes	4 Minutes	4 Minutes
Fire Bell Timeout	4 Minutes	4 Minutes	4 Minutes	4 Minutes
Arm Confirm	RF Key fob	RF Key fob	RF Key fob	RF Key fob
System Settings				
Entry Delay 1	30 Seconds	30 Seconds	30 Seconds	30 Seconds
Entry Delay 2	30 Seconds	30 Seconds	30 Seconds	30 Seconds
Exit Delay	60 Seconds	60 Seconds	60 Seconds	60 Seconds
Backlight Timeout	No	No	No	No
Quick Arm	Yes	Yes	Yes	Yes
Quick Exit	Yes	Yes	Yes	Yes
Restart Exit Time	Yes	Yes	Yes	Yes
Force Bypass	No	No	No	No
Exit Warning	Yes	Yes	Yes	Yes
Auto Stay Arming	Yes	Yes	Yes	Yes
Lack Of Usage Notify	Disabled	Disabled	Disabled	Disabled
Power-Up In Previous	Yes	Yes	Yes	Yes
Display Alarm Cancel	Yes	Yes	Yes	Yes
Display Exit Time	Yes	Yes	Yes	Yes
(A) Cross Zone Delay	None	None	None	None
(A) Cross Zone 1	Disabled	Disabled	Disabled	Disabled
(A) Cross Zone 2	Disabled	Disabled	Disabled	Disabled
(B) Cross Zone Delay	None	None	None	None
(B) Cross Zone 1	Disabled	Disabled	Disabled	Disabled
(B) Cross Zone 2	Disabled	Disabled	Disabled	Disabled
(C) Cross Zone Delay	None	None	None	None
(C) Cross Zone 1	Disabled	Disabled	Disabled	Disabled
(C) Cross Zone 2	Disabled	Disabled	Disabled	Disabled
(D) Cross Zone Delay	None	None	None	None
(D) Cross Zone 1	Disabled	Disabled	Disabled	Disabled
(D) Cross Zone 2	Disabled	Disabled	Disabled	Disabled
Z-Wave				
Z-Wave	Enabled	Enabled	Enabled	Enabled
Temperature	Fahrenheit	Fahrenheit	Fahrenheit	Fahrenheit
Language				
Installer Language	English	English	English	English
User Language	English	English	English	English
RF Keypad	See Zone Programming Default Configurations			

Specifications

Lyric Controller Series Residential Burglar and Fire Alarm Control Panel

Physical:

Dimensions: 8.5" (216mm) W x 6.65" (169mm) H x 1.3" (33mm) D

Electrical:

Voltage Input: 110VAC, 60 Hz/9 Vdc from plug-in 2.7A power supply

Rechargeable Backup Battery: Nickel-metal hydride battery pack rated at 7.2 Vdc

Communication:

Formats Supported: ADEMCO Contact ID® Reporting, 10 characters/sec

SIA/DCS Format, 2225Hz Handshake, Data Tones, 2025/2235Hz, baud

Hardwire Zones:

2K ohms, End of Line Resistor (EOLR), Normally Open (N/O) and Normally Closed (N/C)

For patent information, see www.honeywell.com/patents

- Notes -

- Notes -

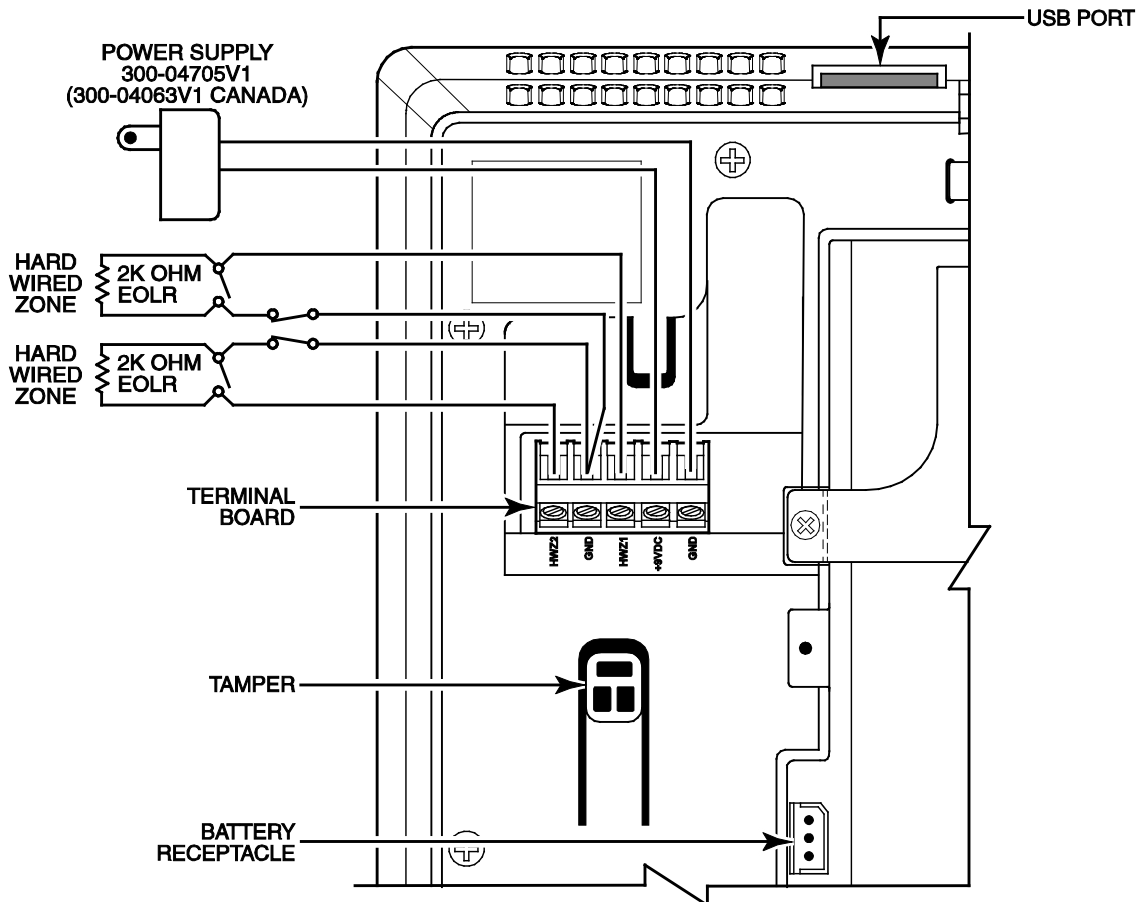
- Notes -

THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS ANSI/NFPA 70 NATIONAL ELECTRIC CODE AND NFPA 72 NATIONAL FIRE ALARM CODE, CHAPTER 2 (NATIONAL FIRE PROTECTION ASSOC., BATTERYMARCH PARK, QUINCY, MA 02169). PRINTED INFORMATION DESCRIBING PROPER INSTALLATION, EVACUATION PLANNING AND REPAIR SERVICE IS TO BE PROVIDED WITH THIS EQUIPMENT.

LYRIC ALSO COMPLIES WITH THE FOLLOWING: CANADIAN STANDARDS ASSOCIATION (CSA) C22.1, CANADIAN ELECTRICAL CODE, PART 1, SAFETY STANDARD FOR ELECTRICAL INSTALLATIONS AND CAN/ULC-S540 INSTALLATION OF RESIDENTIAL FIRE WARNING SYSTEMS.

THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

NOTE: THE HARD WIRE ZONES CANNOT BE USED AS FIRE ZONES.



IMPORTANT NOTES ABOUT EXTERNAL ANTENNAS
 IF AN EXTERNAL CELLULAR RADIO ANTENNA IS USED, THE ANTENNA MAY BE INSTALLED OR REPLACED ONLY BY A PROFESSIONAL INSTALLER. FOR THE LYRIC-3G THE EXTERNAL ANTENNA MUST NOT EXCEED A MAXIMUM DIRECTIONAL GAIN (INCLUDING CABLE LOSS) OF 3.2 dBI AT 850 MHz AND 2.3 dBI AT 1900 MHz. FOR THE LYRIC-CDMA THE EXTERNAL ANTENNA MUST NOT EXCEED A MAXIMUM DIRECTIONAL GAIN (INCLUDING CABLE LOSS) OF 8.5 dBI AT 850 MHz AND 4.1 dBI AT 1900 MHz.

WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM

THE LYRIC CONTROLLER IS COMPATIBLE WITH THE FOLLOWING INTEGRAL RECHARGEABLE BATTERY PACKS:
 P/N 300-03864-AIO (STANDARD CAPACITY)
 P/N 300-03866-AIO (HIGH CAPACITY)
REPLACE EVERY FOUR YEARS

WARNING
 THIS UNIT MAY BE PROGRAMMED TO INCLUDE AN ALARM VERIFICATION FEATURE THAT WILL RESULT IN A DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED FIRE CIRCUITS. THE TOTAL DELAY (CONTROL UNIT PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS. NO OTHER INITIATING DEVICES SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

CIRCUIT (ZONE)	CONTROL UNIT DELAY-SEC	SMOKE DETECTOR MODEL	SMOKE DETECTOR DELAY-SEC
03 - 126 ZONE TYPE - SUPERVISED FIRE WITH VERIFICATION	30 seconds	5806W3	10 seconds

lyric-SOC-V2

Lyric Residential Burglar and Fire Alarm Control Panel Summary of Connections

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