Deleting Periods

Press the trash can to mark a period for deletion

Delete Periods

6:00 am	8:00 am		6:00 pm	10:00 pm
78°	**85°**		**78°**	**82°**
Wake	Away		Home	Sleep
70°	**62°**		**70°**	**62°**

	Apply	**Cancel**
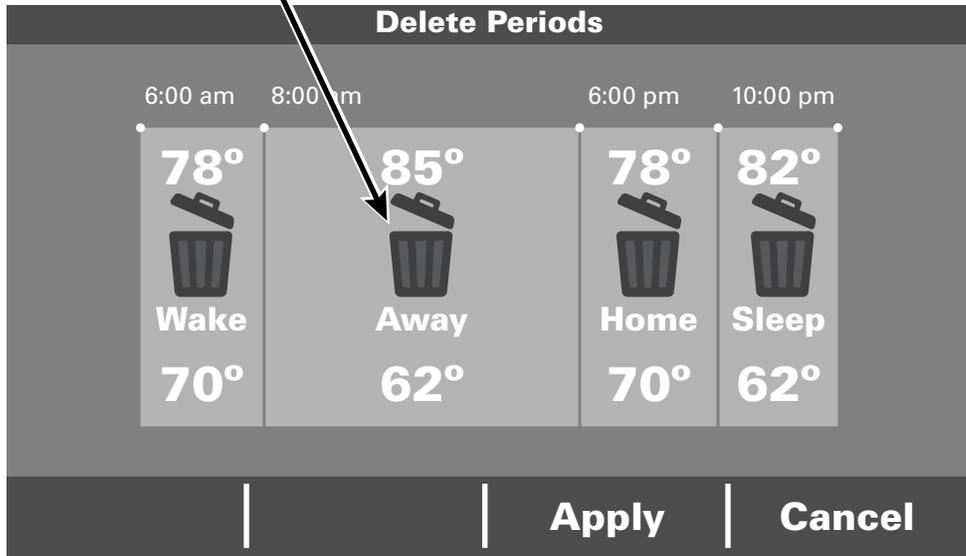
Press Apply to save changes and exit

Deleting Periods

1. From the Schedule Screen press **DELETE PERIOD**, the Delete Periods Screen is displayed.

2. Press the **TRASH CAN** icon in the Period(s) you wish to delete. Note that each day must have at least one Period.

3. Press **APPLY** to save your changes and return to the Schedule Screen. The changes should be reflected in the display.

Overriding Schedules

Note: These functions require Scheduling to be enabled. To enable Scheduling, go to **HOME > MENU > SCHEDULES > ENABLE SCHEDULE**.

Hold Until
Follow these steps to override a schedule until a specified time.

1. Press in the **INDOOR TEMPERATURE** area to reveal the Temperature Control Panel.

2. To change the Cooling Set Point, press the blue **COOLING SET POINT**. The Mode Indicator will display blue wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

3. To change the Heating Set Point, press the red **HEATING SET POINT**. The Mode indicator will display red wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

4. To change the duration of the Hold, press in the **STATUS AREA**. The day will appear in bold type.

5. Use the **UP** and **DOWN** arrows to select the day when the hold will cancel.

6. Press in the **STATUS AREA** again to toggle to the Time setting. The Time will appear in bold type.

7. Use the **UP** and **DOWN** arrows to select the time when the hold will cancel.

8. Press in the **INDOOR TEMPERATURE** area to return to the Home Screen.

9. The words "Holding Until" will appear under the Indoor Temperature.

Hold Permanently
Follow these steps to permanently override a schedule. The changes you make will be held until you cancel the hold.

1. Press in the **INDOOR TEMPERATURE** area to reveal the Temperature Control Panel.

2. To change the Cooling Set Point, press the blue **COOLING SET POINT**. The Mode Indicator will display blue wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

3. To change the Heating Set Point, press the red **HEATING SET POINT**. The Mode Indicator will display red wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

4. Press **HOLD PERM**. The words "Hold Perm" will appear in bold type.

5. Press in the **INDOOR TEMPERATURE** area to return to the Home Screen.

   The display will indicate Hold Permanently below the Indoor Temperature.

Cancelling an Override
To cancel Permanent Hold or Hold Until, follow these steps.

1. Press in the **INDOOR TEMPERATURE** area to reveal the Temperature Control Panel.

2. To cancel Hold Until, press **HOLD UNTIL** and the words "Hold Until" will dim.

   To cancel Permanent Hold, press **HOLD PERM**. The words "Hold Perm" will dim.

3. Press in the **INDOOR TEMPERATURE** area to return to the Home Screen.

   The words "Following Schedule" will appear below the Indoor Temperature.

Configuring 1-Touch Presets

1-Touch Presets provide predetermined Heating and Cooling Set Points for Home, Away and Sleep time periods.

Note: 1-Touch Presets require Scheduling to be disabled. To disable Scheduling, go to **HOME > MENU > SCHEDULES > DISABLE SCHEDULE**.

When scheduling is disabled, heating and cooling set points are maintained indefinitely. When a temperature change is desired, the user must manually adjust the Gold 824 Control to the new setting.

Configuring 1-Touch Presets

1. To change the Cooling Set Point, press the blue **COOLING SET POINT** to activate the setting. The current System Mode indicator will display blue wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

2. To change the Heating Set Point, press the red **HEATING SET POINT** area to activate the setting. The current System Mode indicator will display red wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

3. Repeat the process for Home and Sleep settings.

Press Away, Home or Sleep to adjust presets
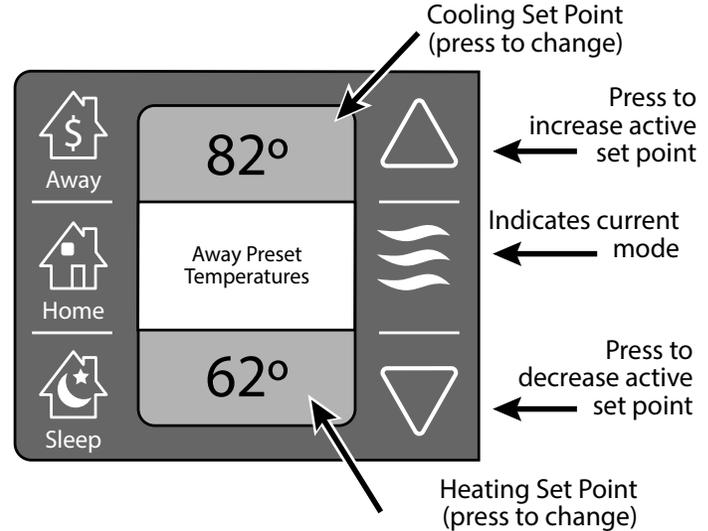
Cooling Set Point (press to change)

Press to increase active set point

Indicates current mode

Press to decrease active set point

Heating Set Point (press to change)

Away

Home

Sleep

82°

Away Preset Temperatures

62°

4. Press **APPLY**, then **HOME** to return to the Home Screen.

Note that when Scheduling is enabled, only the Away preset is available and can be used for energy savings.

Configuring 1-Touch Presets

1-Touch Presets provide predetermined Heating and Cooling Set Points for Home, Away and Sleep time periods.

Note: 1-Touch Presets require Scheduling to be disabled. To disable Scheduling, go to **HOME>MENU>SCHEDULES>DISABLE SCHEDULE,** or if scheduling is disabled touch icon on home screen.

When scheduling is disabled, heating and cooling set points are maintained indefinitely. When a temperature change is desired, the user must manually adjust the Gold 824 Control to the new setting.

Configuring 1-Touch Presets

1. To change the Cooling Set Point, press the blue **COOLING SET POINT** to activate the setting. The current System Mode indicator will display blue wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

2. To change the Heating Set Point, press the red **HEATING SET POINT** area to activate the setting. The current System Mode indicator will display red wavy lines.

   Use the **UP** and **DOWN** Arrows to adjust the Set Point to the desired temperature.

3. Repeat the process for Home and Sleep settings.

4. Press **APPLY**, then **HOME** to return to the Home Screen.

Note that when Scheduling is enabled, only the Away preset is available and can be used for energy savings.
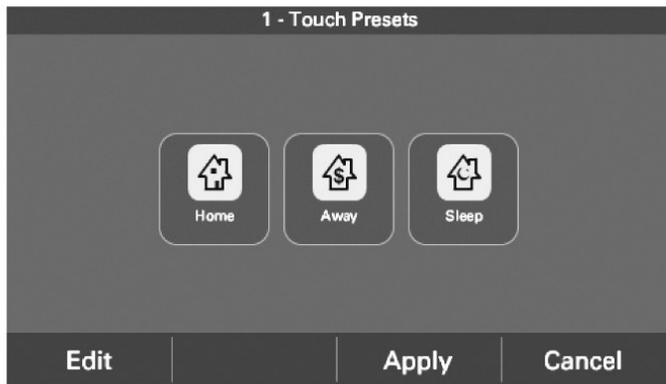
Setting Access Restrictions

Access Restrictions

Current Setting:

None

Applying an access restriction will cause the screen to lock when inactive for 1 minute.

To temporarily disable restrictions press and hold the Menu button for 5 seconds.

| None | — | Low |
| High | — | Medium |

Apply   Cancel

Access Restrictions

Current Setting:

Low

Restrictions:
- Menu access is disabled

To temporarily disable restrictions press and hold the Menu button for 5 seconds.

| None | — | Low |
| High | — | Medium |

Apply   Cancel

Access Restrictions

Current Setting:

High

Restrictions:
- Access is disabled to all settings

To temporarily disable restrictions press and hold the Menu button for 5 seconds.

| None | — | Low |
| High | — | Medium |

Apply   Cancel

Access Restrictions

Current Setting:

Medium

Restrictions:
- Menu access is disabled
- 5 degree limit for adjusting heating and cooling set points

To temporarily disable restrictions press and hold the Menu button for 5 seconds.

| None | — | Low |
| High | — | Medium |

Apply   Cancel

Nexia™ smart home

When enrolled to a Nexia™ smart home account, the Gold 824 is a Z-Wave Plus security-enabled device that can serve as a central hub for an entire network of home automation devices from different manufacturers and product categories, including all non-battery powered devices that will act as repeaters on your network. The Gold 824 can display local weather conditions, five-day forecasts and National Weather Service warnings and alerts. See the section on Including Z-Wave Devices for more information on taking advantage of this functionality.

A basic Nexia™ smart home account subscription is included with the Gold 824 Control at no additional charge.

Note: Adding additional devices may add charges to your Nexia™ smart home account.

To create your Nexia™ smart home account go to www.NexiaHome.com/as.

Control everything from anywhere with a smartphone or computer

Cameras

Motion Sensors

Up to 230 separate Z-Wave devices

Appliance Modules

Wall Receptacles
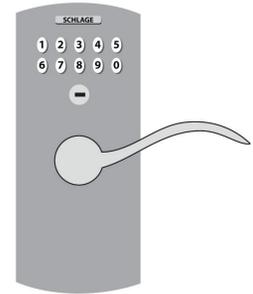
Doorlocks and Deadbolts

Network Setup

There are three ways to connect the Gold 824 Control to a local network:

Option 1. Wi-Fi connection
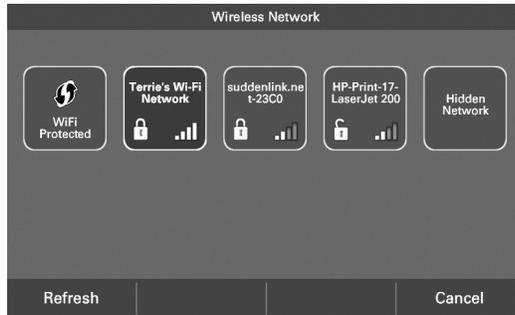
Wi-Fi Step 1. Navigate **Home > Menu > Settings > Network > Connect to WiFI Network**. Select your network.

Wi-Fi Step 2. Enter your Password then press **CONNECT**.

Option 2. WPS for Wi-Fi connection
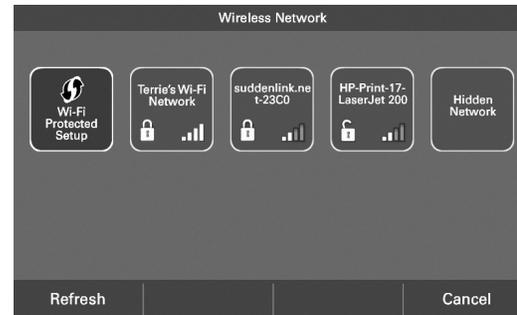
WPS Step 1. Press the WPS button on your router, then return to your Gold 824 Control and press the **WI-FI PROTECTED SETUP** button on the Wireless Network screen. Press **NEXT**.

Option 3. Hidden Wi-Fi network connection
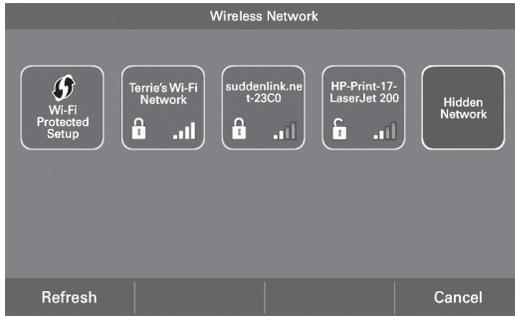
Hidden WiFi Step 1. Press **Hidden Network** which will be at the end of the list of available networks. If there are more than eight networks, you will need to scroll to the next page.

Hidden WiFi Step 2. Enter the name of the network you would like to connect to then press **Next**

Hidden WiFi Step 3. Select the security type for this network. If you select **None**, press **Connect**.
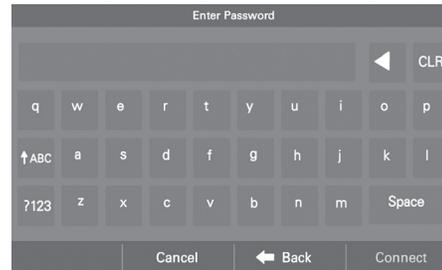
Hidden WiFi Step 4. If you select **WPA** or **WEP**, you will need to enter a password, then **CONNECT**.

Option 4. Ethernet connection

The Gold 824 also features an Ethernet jack on the back and may be connected to a router using CAT5 cable. The control will recognize an Ethernet connection. If an Ethernet cable is connected the User Wizard will skip the Wireless setup screens and display the Nexia Registration screen next.

Nexia™ Registration

A Nexia registration button is located on the Menu screen of the Gold 824. After the control is registered with Nexia the button may be used to add devices or remove devices from a Z-Wave network.

Z-Wave Settings may be used to add or remove Z-Wave devices before connecting the control (thermostat) to a local area Wi-Fi network and registering the control with Nexia smart home.

An installer can now add all of the Z-Wave devices a customer has purchased into the control's Built in Nexia Bridge prior to connecting the control to the homeowner's local area network and registering the control with Nexia. All of the Z-Wave devices will need to be installed in the home and configured with Nexia smart home prior to use.

If the Z-Wave devices are added prior to connecting the control with the homeowners local area network and then registered with Nexia, the Nexia portal will recognize all of the pre-enrolled devices after registration is complete, making enrollment easy and fast.

Nexia™ Registration

To control your home climate system from your web enabled smartphone, tablet or computer and follow these steps.

Step 1. Go to www.mynexia.com and set up a Nexia account. If you already have an account, log in and go to Step 3.
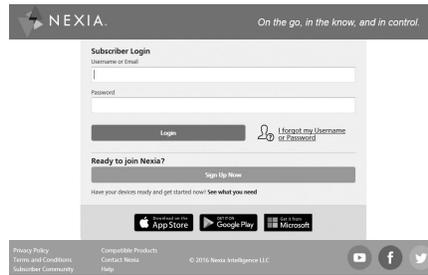
Step 2. Select **SIGN UP NOW** to set up an account or log in to an existing account.
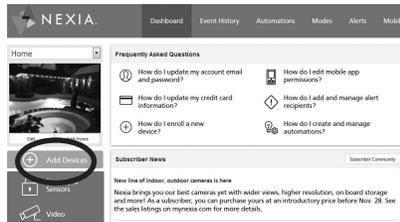
Step 3. From the Nexia Dashboard select **ADD DEVICES**.
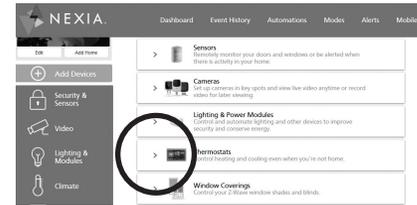
Step 4. Select the **THERMOSTATS** drop down arrow.
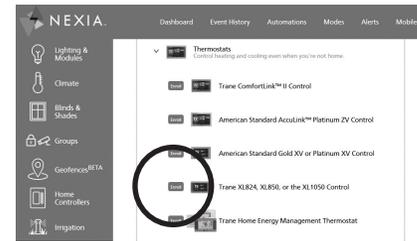
Step 5. Select the **ENROLL** button for Gold 824 Control.

Nexia™ Registration
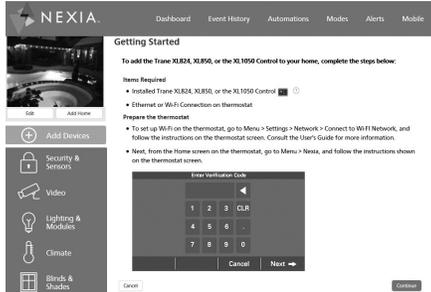
Step 6. Press **CONTINUE**.
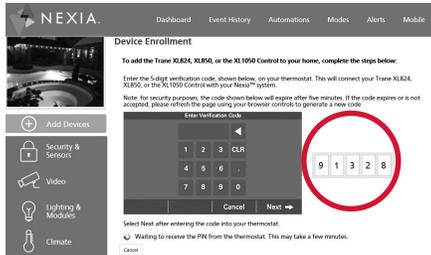
**Step 7.** Nexia will generate a Pin Code. Record the Pin Code.

Step 8. Return to the Gold 824 control and Press **NEXT**.
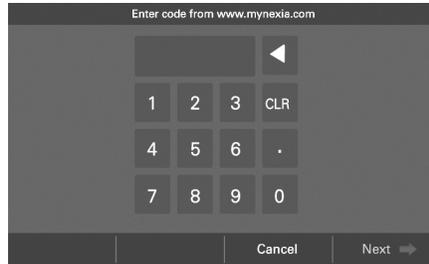
Step 9. Enter the Pin Code and Press **NEXT**.
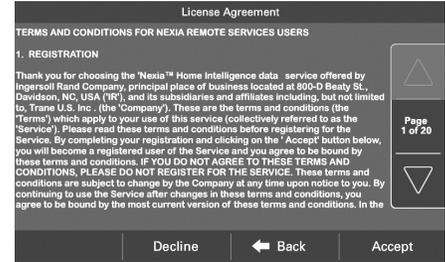
Step 10. Read the License Agreement, then **ACCEPT** or **DECLINE**.
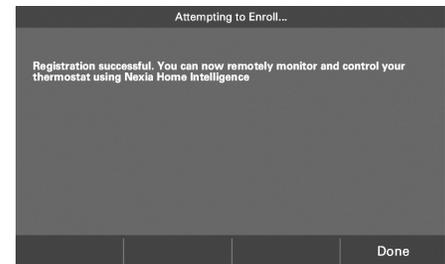
Step 11. Registration successful. Press **DONE**.

Adding/Removing Z-Wave Devices (via Gold 824)

To select Adding/Removing Z-Wave Devices press: **Home Screen > Menu > Nexia**

Your Gold 824 is designed to integrate seamlessly with a Nexia™ smart home system.

Adding Z-Wave Devices

1. From the **HOME** Screen, press **MENU**, then press **NEXIA**.

2. Press **ADD DEVICE** and follow the device manufacturer's instructions for setting the Z-Wave device into learn mode. You will have four minutes to set the device into learn mode after pressing the **ADD DEVICE** button.

Removing Z-Wave Devices

1. From the **HOME** Screen, press **MENU**, then press **NEXIA**.

2. Press **REMOVE DEVICE** and follow the manufacturer's instructions for setting the Z-Wave device into learn mode. You will have four minutes to set the device into learn mode after pressing the **REMOVE DEVICE** button.

Advanced Z-Wave Settings
Press **ADVANCED** for advanced Z-Wave functions including unregistering your bridge from Nexia or factory resetting your bridge. See the Advanced Z-Wave Settings section for more information.

Update Network
Press **UPDATE NETWORK** to update the network of your bridge. Updating the network can generate a lot of Z-Wave traffic over the network and can take up to 15 minutes to complete.
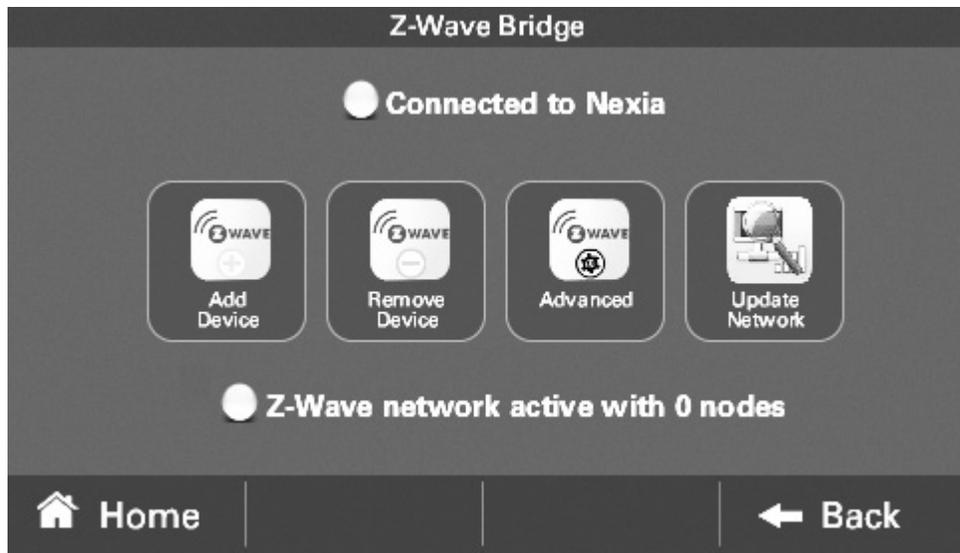
Adding Z-Wave Devices (via mobile app)

Alternatively, your Gold 824 allows you to add Z-Wave devices using the Nexia app on your mobile device.

Adding Z-Wave Devices

1. Start the Nexia app.

2. Press the menu button in the top left corner.

3. At the bottom of this slide out menu, press *Connect New Device*.
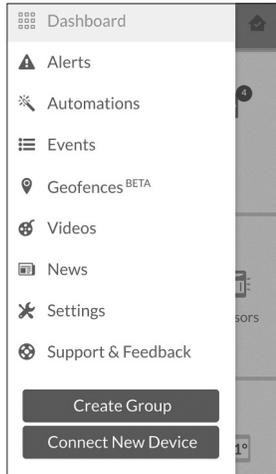
4. Select *Z-Wave Device*.
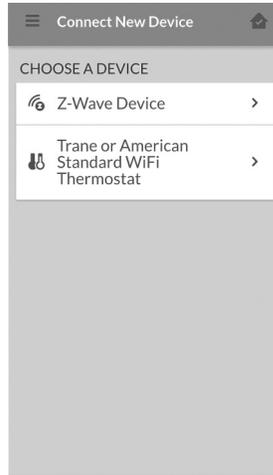
5. When prompted, prepare the device to be added to the Z-Wave network by following the device manufacturer's instructions to put device into add mode. You will have four minutes to complete this process.
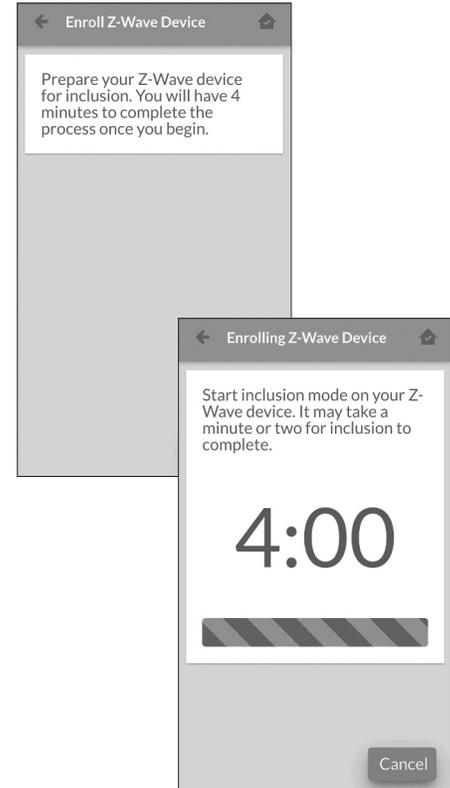
Advanced Z-Wave Settings

Nexia's **ADVANCED SETTINGS** screen contains three very powerful functions. Each of these functions is very specific and should be approached with a measure of caution. They cannot be "undone."

Learn

To add the bridge to an existing network, follow your primary controller's instructions to put the primary controller into Add Mode. Then press the Learn button on the bridge.

This function copies a new Z-Wave network to the bridge from another controller. This function is not allowed if your bridge is a primary controller with included Z-Wave devices.

Unregister

Removes the bridge from Nexia. All remote control features will be disabled.

Factory Reset

Resets all Z-Wave information and removes all devices from the bridge. If this bridge is the primary controller for your network, resetting it will result in all the devices in your network being removed. Following the reset, it will be necessary to remove and then add all of the devices back to your network.

Bridge Information

If this bridge is being used as a secondary or inclusion controller in the network, please reset this bridge only in the event that the primary controller is missing or otherwise inoperable.

Z-Wave Bridge

○ Connected to Nexia

Learn	Unregister	Factory Reset

○ Z-Wave network active with 2 nodes

🏠 Home | | | ← Back
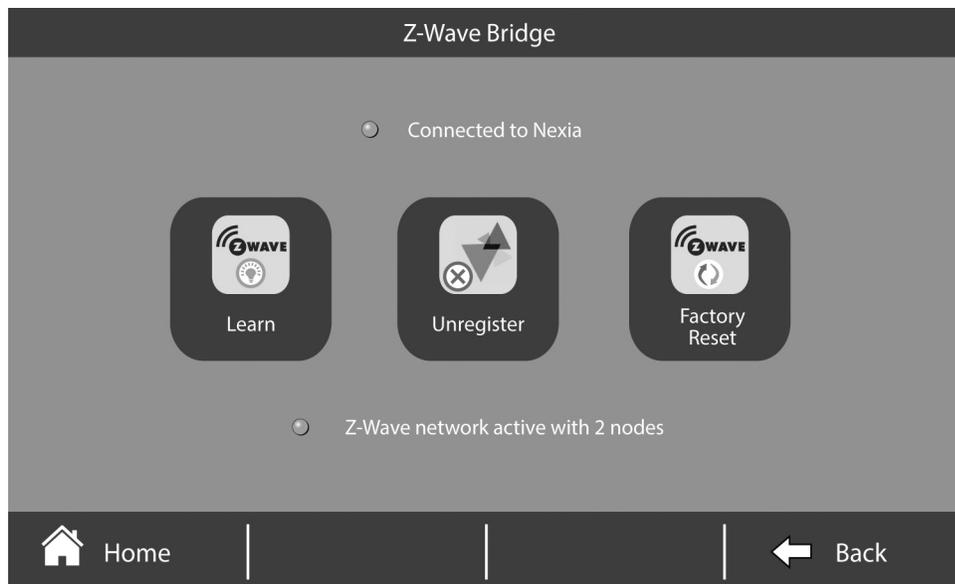
Advanced Z-Wave Settings

Association Group Information Table

Group	Profile	Command Class and Command List	Group Name	Max Number of Devices	Trigger
1	General: Lifeline	Device Reset Locally Notification	Lifeline	5	Factory Reset

Terminology

The following terms may be used interchangeably by other devices, manufacturers, and Nexia.

ADD	Add, include, inclusion, enroll, connect
REMOVE	Remove, exclude, exclusion
COPY	Copy, learn, replicate, replication

Other Information

• Basic Command Class:	This device ignores Basic Set/Get commands. This device controls other devices with OFF (0x00) and ON (0xFF) as a minimum.

Other Features

Smart Optimization

The Gold 824 Control is equipped with Smart Optimization. By executing a series of blower and active call on/off tests, Smart Optimization will customize the Gold 824 Control to each unique environment and increase the accuracy of the sensed indoor temperature and overall system performance.

Smart Optimization is enabled by default and will automatically execute approximately 18 hours after initial power up. Smart Optimization takes 90 minutes to complete and during the process, heating and cooling operations are disabled. The screen will indicate that the Gold 824 Control is in Smart Optimization mode.

To delay Smart Optimization for an additional 18 hours, touch the Gold 824 Control Screen and hold for five seconds.

To disable Smart Optimization altogether, navigate to **Home>Smart Optimization** and select **Disable** and press **Apply**.

To enable Smart Optimization, navigate to **Home>Smart Optimization** and select **Enable** and press **Apply**. Smart Optimization will execute in approximately 18 hours.

To manually trigger Smart Optimization, first disable, then re-enable the feature.

Automatic Software Updates

When the Gold 824 is connected to a Nexia™ smart home account, software updates will occur automatically and do not require user intervention.

Note: Internet services are required for automatic software updates.

Notices

FCC Notice

INFORMATION TO USER

This device complies with Part 15 of the 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 undesired operation. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

Reorient or relocate the receiving antenna

Increase the separation between the equipment and receiver

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC NOTICE

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada's applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

American Standard
HEATING & AIR CONDITIONING

Ingersoll Rand

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specifications without notice.

Representative-only illustrations included in this document.