InTouch™ WIRELESS CONTROLS

Using the CA8900 Digital Thermostat with InTouch™ Controllers

Overview

The Intermatic InTouch family of wireless home control devices now includes the CA8900 Z-Wave®-compatible Wireless Thermostat. If you are installing the thermostat in conjunction with an InTouch system, this document will guide you in adding the thermostat to the Z-Wave network, and programming the thermostat for use with available InTouch controllers, and using the thermostat to control heat and cooling of the home.

> ***NOTE:*** *The CA7100 In-Wall Master Controller and CA5500BR base and hand-held remote must be running firmware version 6.0 or higher. To check version on the CA7100 In-Wall Master Controller, press* ***Enter*** *> select* ***Setup*** *> press* ***Enter****, then read version number at bottom of screen. If updating is necessary, use the InTouch USB Controller to run the InTouch Update Application, available for download at:* **www.intouchcontrols.com**.

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Adding the CA8900 to the Network

The first step in any installation is adding the CA8900 to the InTouch network. This procedure is similar to adding any device to the network. Use the Hand-Held Controller with Base *(CA5500BR)*—which is part of every InTouch network.

1. Make sure the thermostat is displaying the temperature in the format you want: Fahrenheit or Celsius. The default setting is Fahrenheit. To make a change, refer to the Installation and User Instructions that were provided with the thermostat.
2. Make sure the thermostat display shows either HEAT or COOL. Press the appropriate button on the thermostat if necessary.
3. Remove the Hand-Held from the Base and take it to the CA8900 thermostat.
4. Hold the Hand-Held within a few feet of the thermostat.
5. Make sure the lights under the Hand-Held's buttons are lit. If they are not lit, press any button to wake the Hand-Held from battery-saving sleep mode.

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6. Press and release the **<INCLUDE>** button on the Hand-Held so that the Status Light lights up blue, indicating that it is in Include mode.
7. Press the **<BIND>** button on the top of the thermostat. The Status Light on the Hand-Held will:
    - Blink BLUE once if the procedure is successful.
    - Blink RED once if the procedure failed. If this happens, try the procedure again. If it fails a second time, refer to the Troubleshooting Section of the *InTouch™ User Guide* for additional information.

Programming Overview—Read Before You Begin

The CA8900 can be used to provide simple energy savings, switching between NORMAL and SAVE ENERGY settings. However, if the CA7100 Master In-Wall Controller is part of the InTouch network, you can program much more, creating scenes or events that can perform any the following:

- Turn the thermostat off (will not heat or cool)
- Change to HEAT mode, where the thermostat is controlling the furnace
- Change to COOL mode, where the thermostat is controlling the air conditioner
- Change to SAVE HEAT (the save-energy setting in Heat mode)
- Change to COOL SAVE (the save-energy setting in Cool mode…different than save energy in Heat mode because it will be a higher temp than the Normal temp, rather than a lower temp)
- Change to normal mode, the "Target Temperature" setting when in either Heat or Cool mode
- Change to the save energy setting when in either Heat or Cool mode
- Change to a specific temperature

How to set it up will depend on the lifestyle in the household, and the controllers that are part of the network. Here are some examples.

Plan A

If people are home in the house during the day, temp control needs might be met with a simple Scene that toggles between:

- Normal — comfortable temperatures for daytime and evenings.
- Save Energy — lower winter and higher summer temperatures for during the night when everyone is in bed.

This is an easy plan for the CA5500BR—where the owner changes between the two settings manually by turning a scene ON and OFF with a button on the controller.

If the network includes a CA7100 Master In-Wall Controller, this scene can be edited for specific modes and temperatures, like 72° for NORMAL heat during the day and a 65° SAVE ENERGY heat setting at night. The CA7100 can also program timed schedule (e.g., weekday NORMAL/ SAVE ENERGY temperature changes between night and day, a different schedule for weekends, etc.)

Plan B

If people are gone during the day, back in the house in the evening, and in bed during the night, a more complex plan might work better, perhaps involving three or more Scenes/Events:

- Daytime — when the house is empty, uses a severely lower winter/higher summer setting, with either the Save Energy or a specific temperature setting. The house would not be comfortable, but no one is home anyway. Energy savings would be maximized.
- Evening — when people are home, temperatures would be comfortable.
- Night — when people are home and in bed, a lower winter and higher summer setting at a still tolerable level would work (not so severe as the daytime setting).

A complex three-step plan like this requires the CA7100 Master In-Wall Controller.

Your first step: Determine which controllers are part of the network and which strategy is right for the household, then program it.

Using the CA8900 with Basic InTouch Controllers

All InTouch Controllers can be set up to toggle the CA8900 Thermostat between NORMAL and SAVE ENERGY—the same as setting up ON/OFF control to a light. Two ideas are important:

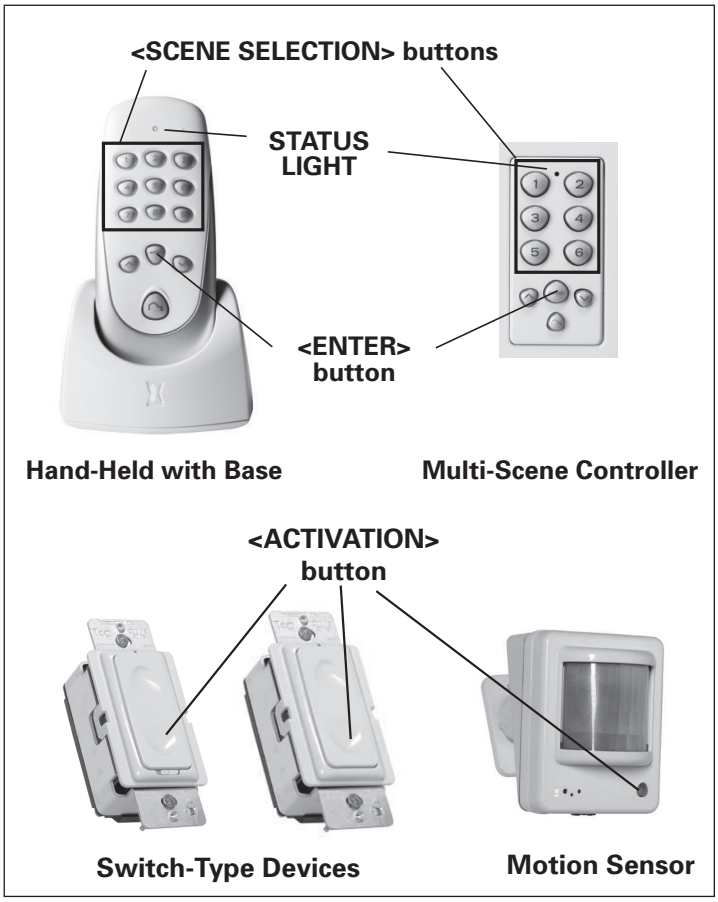
- You must first make temperature settings directly on the thermostat itself, for:
  - Normal (Heat and/or Cool)
  - Save Energy (Heat and/or Cool)
- When setting up a thermostat scene to be controlled with a button:
  - The SCENE ON setting must be for Normal
  - The SCENE OFF setting must be for Save Energy

Creating a Thermostat Scene

A thermostat-control scene can be created on any of the controllers shown here.

> ***NOTE:*** *Even if the InTouch network includes a CA7100 Master In-Wall Controller, this procedure is the easiest for creating Thermostat Scenes. Once created, these scenes can be edited, assigned to specific times, etc., using the CA7100.*

1. Make sure the thermostat is in NORMAL mode.
2. If using a Hand-Held, make sure the lights under the Hand-Held's



buttons are lit. If they are not lit, press any button to wake the Hand-Held from battery-saving sleep mode.

3. Depending on which device you want to program, perform the following step:
   - *Hand-Held and Multi-Scene Controllers*—Press and hold (for 10+ seconds) the **<SCENE SELECTION>** button you want to control the scene.
   - *Motion Sensor*—Press and hold (for 10+ seconds) the **<ACTIVATION>** button.
   - *Switch-Type Devices*—Make sure the device is in OFF mode, then press and hold (for 10+ seconds) the lower portion of the rocker switch.

   A Status Light will pulse once with a blue light, indicating that the controller or device is in "learning" mode.
4. Change the thermostat's mode: press the mode switch to SAVE ENERGY. When the system has "seen" this change, the CA5500B will turn the thermostat back to NORMAL mode.

   To include other Z-Wave devices in the scene at this time:
   - *For other InTouch Devices* — Press the **<ACTIVATION>** button and set the device to the desired setting (on/off/dim level). The LED on the device will pulse blue to indicate the system has "seen" this change.
   - *For non-InTouch Z-Wave Devices* — (i.e., Intermatic HomeSettings devices or other brands), turn the device ON or OFF from their existing state. The controller will turn them back to their original state when it "sees" them. This may take a few minutes as the network sorts things out. When it's finished, set the device as you want it for the scene.
5. When finished, return to the device you are programming, then press and hold (for 10+ seconds) until the status light turns solid blue:
   - *Hand-Held Controller*—Press and hold (for 10+ seconds) the button being programmed.
   - *Motion Sensor*—The **<ACTIVATION>** button.
   - *Switch-Type Devices*—The lower portion of the rocker switch.

   The Status Light will stay on while the device is gathering information, and will then:
   - Blink BLUE once if programming is successful.
   - Blink RED once if programming failed. If this happens, try again. If it fails a second time, refer to the *Troubleshooting* Section of the *InTouch™ User Guide* for additional information.
6. Test the programming:
   - *Hand-Held Controller*—Press the **<SCENE SELECTION>** button once to select the scene (the LED under the button will begin to pulse), then press the **<ENTER>** button to activate the scene. Press **<ENTER>** again to deactivate.

     NOTE: *If any of the devices in the scene are on, the* **<SCENE SELECTION>** *button will be brightly lit.*
   - *Motion Sensor*—Set motion sensor to PULSE setting, then walk in front of the motion detector to activate the scene and wait for the scene to de-activate.
   - *Switch-Type Devices*—Press the **<ACTIVATION>** button once to activate the scene, then again to de-activate.

NOTE: *You can modify the created SCENES with details that carry temperature information, etc. After following these instruction to create the scene, go to page* ***6*** Editing Scenes to Control Thermostat Settings *to modify the scene you just created.*

Activating a Scene

Once you've set up a thermostat scene by programming it with your controller, use this procedure to activate it.

1. If using a Hand-Held, make sure the lights under the Hand-Held's buttons are lit. If they are not lit, press any button to wake the Hand-Held from battery-saving sleep mode.
2. Press the **<SCENE SELECTION>** button that controls the scene. The ring around the button will begin to pulse with a blue light.

   NOTE: *More than one* **<SCENE SELECTION>** *button can be pressed to select several scenes for activation at the same time. If you want to deselect all the scenes selected before activation, press the* **<HOME>** *button on the controller.*
3. Now activate the scene by pressing the **<ENTER>** button to turn the scene ON or OFF.
4. Press the **<SCENE SELECTION>** button again to deselect it or the **<HOME>** button to deselect a group of scenes.

You can activate the scene from anywhere in your house, and from up to 50 feet from any device in the network. Also, when a scene is ON, the light around its button is on.

REMEMBER: with a thermostat scene:

ON = Normal mode

OFF = Save Energy mode

Using the CA8900 with the In-Wall Master Controller *(CA7100)*

The In-Wall Master Controller provides a much greater range of thermostat control, and is likely to be part of many InTouch networks containing the CA8900. The In-Wall Master Controller provides major network enhancements through its ability to:

- Create timer-activated Events. This is especially important if the you want to save energy by having the thermostat automatically adjust to different heating and cooling loads throughout the day.
- Create up to 100 Scenes and 50 Events, for significantly more options than with other controllers. Since the CA8900 thermostat is much more powerful than an ON/OFF device like a light switch, there are dozens of opportunities to create scenes and/or events.
- Edit Scenes created with other controllers, enabling them to make use of the CA8900 thermostat's sophisticated features and options.

Editing Scenes to Control Thermostat Settings

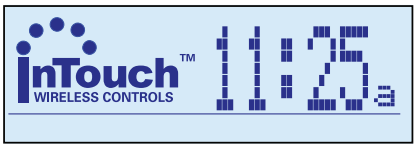
Once scenes have been created with other controllers (e.g., CA5500BR), you can edit those scenes with the CA7100 to make greater use of the thermostat's features, and you can rename the scene so it's easier to identify on the CA7100 display panel.

Editing Scene Functionality

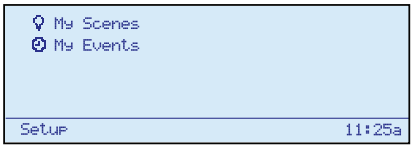
NOTE: *During programming with the In-Wall Master Controller, use the* **<ARROW>** *buttons to navigate to your selections on the screen. Use the* **<RIGHT>** *arrow to advance to the next item.*

NOTE: *If you pause for more than 30 seconds during the programming procedure, the In-Wall Master Controller will time out and exit programming mode.*

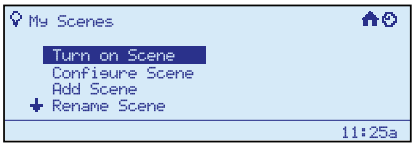
Begin at the InTouch Home Screen as shown.



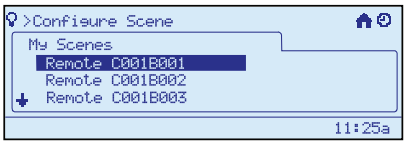
1. Press **<ENTER>**. The screen displays the Main Menu.



2. Scroll with the **<UP/DOWN>** arrows to select ***My Scenes***, then press **<ENTER>**. The screen displays options for working with scenes.



3. Select ***Configure Scene***, then press **<ENTER>**. The screen displays a list of the network's scenes. Unless you have renamed it, the scene will have a generic name like "Remote C001B001".

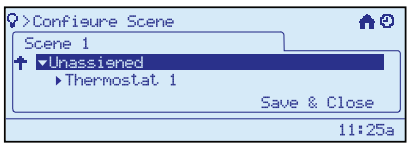


4. Determine which scene is the thermostat scene as follows:

   a. Scroll with the **<UP/DOWN>** arrows to select the first scene, then press **<ENTER>**. The screen displays the room assigned to the scene, or "Unassigned" if not assigned to a room.

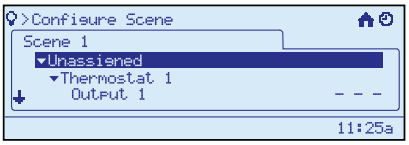
   b. Select the room name or the word "Unassigned," then press **<ENTER>**. The screen displays devices assigned to the scene or the contents of the room.

   c. Scroll with the **<UP/DOWN>** arrows to see if "Thermostat 1" is included.



   - If not included, repeat Steps 1-4 with the next Scene on the list.
   - If the Thermostat is included, continue with Step 5 below.

5. Scroll to select the thermostat.



Notice that the Thermostat provides for setting an "Output 1." There are actually three Outputs, as the down arrow indicates. Using these Outputs is where you will enter the specific thermostat settings for the Scene.

- **Output 1**— the choice of Modes, defined as follows:
  - **OFF**—powers the thermostat OFF (will not heat or cool).
  - **HEAT**—temp settings where the thermostat is controlling the furnace.
  - **COOL**—temp settings where the thermostat is controlling the air conditioner.
  - **SE-HE**—the Save Energy setting in Heat mode (different than SE-CO because it will be a lower temp than the Normal temp).
  - **SE-CO**—the Save Energy setting in Cool mode (different than SE-HE because it will be a higher temp than the Normal temp).
  - **NORM**—the Normal "Target Temperature" setting for when in either Heat or Cool mode.
  - **SE**—the Save Energy setting when in either Heat or Cool mode.
  - **- - -** (three dashes)—indicates that the mode is not included in the scene.
- **Output 2**—for setting a specific temperature by degree.

  NOTE: *This will change the temperature stored on the thermostat.*

  NOTE: *You cannot enter a temperature in Output 2 when Output 1 has been set to NORM, SE, OFF, or "– – –". The scene will pick up the temps set manually on the thermostat itself.*

- **Output 3**—there is a tri-color LED on the right side of the CA8900 display that can be controlled to provide provide an indicator. You can assign a color to help describe a given scene, e.g., RED = Normal Mode, GREEN = Save Energy Mode, etc. This can be helpful when checking the thermostat status from across the room, or in the dark.

  NOTE: *The colors can only change with CA7100-created scenes. If you change any setting manually on the thermostat, the color LED will not change. This may give you a false indication if you are depending on LED color.*

  To select a color for the scene, scroll to any number within the range of numbers assigned to that color:
  - **OFF**—the setting for when the LED is to be turned off.
  - **ON**—the same as the number 99 (green).
  - **RED**—numbers 1-33.
  - **YELLOW**—numbers 34-66.
  - **GREEN**—numbers 67-99.
  - **- - -** (three dashes)—indicates that the mode is not included in the scene.

6. Scroll with the **<UP/DOWN>** arrows to select the first Output you want to use in the scene, and press the **<RIGHT/LEFT>** arrows to adjust it to the setting you want.
7. Repeat to set other Outputs as you want.

8. When you are finished with the Scene, press the **<DOWN>** arrow to highlight ***Save & Close***, then press **<ENTER>** to finish the procedure. The display returns to the Main Menu screen, and automatically exits programming mode in about 30 seconds if there's no activity.

Repeat this procedure to create and define additional Scenes according to your programming strategy. Then, create Timer Events to control the scenes you have created.

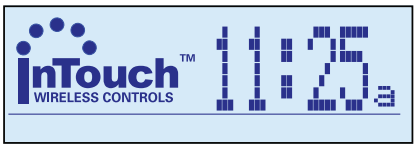
Renaming the Scene

This procedure is not essential to scene editing, but it can make the thermostat scene easier to identify on the CA7100 display panel.

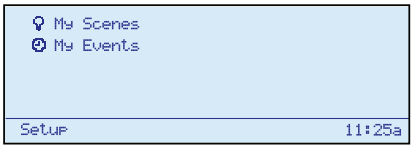
NOTE: *During programming with the In-Wall Master Controller, use the* **<ARROW>** *buttons to navigate to your selections on the screen. Use the* **<RIGHT>** *arrow to advance to the next item.*

NOTE: *If you pause for more than 30 seconds during the programming procedure, the In-Wall Master Controller will time out and exit programming mode.*

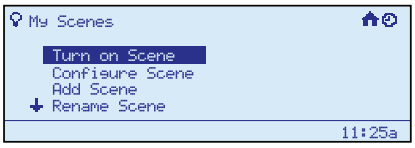
Begin at the InTouch Home Screen as shown.



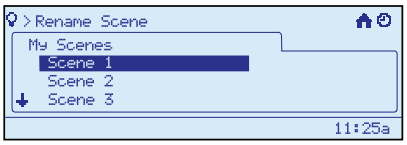
1. Press **<ENTER>**. The screen displays the Main Menu.



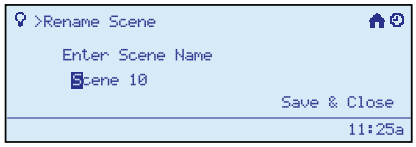
2. Scroll with the **<UP/DOWN>** arrows to select ***My Scenes***, then press **<ENTER>**. The screen displays options for working with scenes.



3. Select ***Rename Scene***, then press **<ENTER>**. The screen displays a list of the scenes programmed in your system.



4. Select the scene you want to rename and press **<ENTER>**. The first letter of the existing scene name is highlighted.



5. Scroll with the **<UP/DOWN>** arrows to select the first character of the new name, then with the **<RIGHT>** arrow to select the second character, and continue.

   The characters repeat in a loop in the order shown below, starting from wherever you are at the time. There is a "blank space" symbol between the "**~**" symbol and the "**!**" symbol, as shown below.

```
ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`
abcdefghijklmnopqrstuvwxyz{|}~ !
"#$%&'()*+,-./0123456789:;<=>?@
```

NOTE: *To shorten a name or "erase" unwanted characters, override them with a "blank space" character.*

6. When you are satisfied with the new name of the scene, press the **<ENTER>** button to highlight ***Save & Close***, then press **<ENTER>** again to finish the renaming procedure. The display returns to the Main Menu screen, and automatically exits programming mode in about 30 seconds if there's no activity.

Using Timed Events to Control Thermostat Settings

This section explains how to use the CA7100 to create a schedule to adjust the temperature settings and mode of the thermostat at specific times during the day. Any other Z-wave device (e.g., dimmer) can be added to the event. You might want to be sure all Z-wave outlets are turned off at the same time the thermostat is placed in save energy mode.

Also, if you have created Scenes with the details of the thermostat control strategy, you need to use this section to create timer Events to activate these Scenes according to the schedule you want.

NOTE: *It is necessary to set up a single event for each time you desire an automatic change of the temperature/mode on the CA8900. For example, if people are at work during the day, temp control needs might be met with a Normal event for a comfortable temp starting at 5:00 p.m., a Save Energy period during the night starting at 10:00 p.m., and a lower (winter) or higher (summer) temperature for during the day at 8:00 a.m.). A new event replaces the last thermostat setting.*

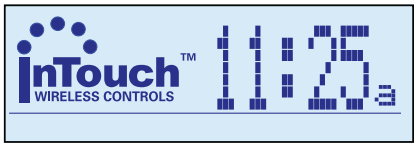
Proceed as follows to create recurring Events that will activate or turn Scenes ON and OFF on a repeating basis, either at:

- Specific times
- "Astronomically" where the ON/OFF times adjust automatically according to sunrise and sunset (earlier sunset in winter, etc.)

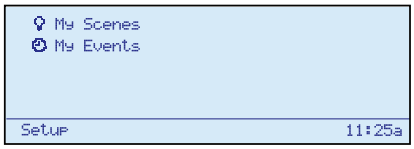
NOTE: *During programming with the In-Wall Master Controller, use the* **<ARROW>** *buttons to navigate to your selections on the screen. Use the* **<RIGHT>** *arrow to advance to the next item.*

NOTE: *If you pause for more than 30 seconds during the programming procedure, the In-Wall Master Controller will time out and exit programming mode.*

Begin at the InTouch Home Screen as shown.

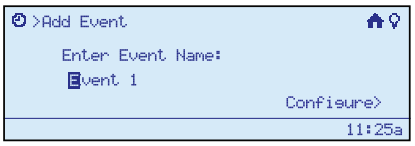


1. Press **<ENTER>**. The screen displays the Main Menu.



2. Scroll with the **<UP/DOWN>** arrows to select ***My Events***, then press **<ENTER>**. The screen displays options for working with events.

3. Select ***Add Event***, then press **<ENTER>**. The screen displays the new scene, giving it a generic name like "Event 1" and highlighting the first letter in the event name ("E" in "Event 1").



OPTION: You can rename the event to something that's more descriptive. For example, if this is the ON setting for changing the temperature to Energy Saving in Cool mode, you might name it "Energy Saving Cool."

- To skip renaming at this time, press **<ENTER>**. The screen highlights ***Configure***. Continue at Step 4.
- To rename the event at this time, follow instructions below.

a. Scroll with the **<UP/DOWN>** arrows to select the first character of the new name, then with the **<RIGHT>** arrow to select the second character, and continue.

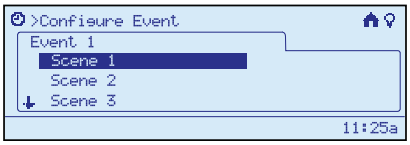
The characters repeat in a loop in the order shown below, starting from wherever you are at the time. There is a "blank space" symbol between the "**~**" symbol and the "**!**" symbol, as shown below.

```
ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`
abcdefghijklmnopqrstuvwxyz{|}~ !
"#$%&'()*+,-./0123456789:;<=>?@
```

NOTE: *To shorten a name or "erase" unwanted characters, override them with a "blank space" character.*

b. When you are satisfied with the new name of the event, press the **<ENTER>** button to highlight ***Configure***.

4. Press **<ENTER>** again to configure the event. The screen displays a list of all scenes currently in the network.



5. You have two options at this point:

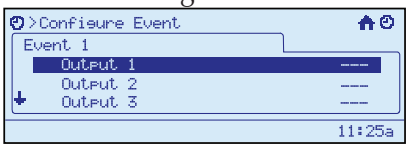
- If you have an existing scene to add the thermostat to or have created a thermostat scene only, scroll with the **<UP/DOWN>** arrow buttons to select it, along with any other scenes you want to be controlled by this event, then press **<ENTER>** to place a "**+**" sign, marking the scene(s). Then continue with Step **6** below.
- If you are controlling the thermostat with this event, continue with Step **6** below.

6. When finished adding scenes or if controlling the thermostat directly with this event, press the **<DOWN>** arrow button to advance to the bottom of the screen to select ***Next***, then press **<ENTER>**. The display will show all devices currently in the network in their room assignments (or as Unassigned if no room, as shown in this example).

7. Highlight ***Thermostat***, then press **<ENTER>**. The screen displays any settings you have already entered for the Thermostat (if any) for Output 1, Output 2 and Output 3. In this example, Output 1 for the thermostat shows a setting for NORM, indicating that you have set it for Normal).

8. You have two options at this point:

   - If you have created a Thermostat Scene and you are satisfied with the thermostat settings, skip to Step **12** to set the time for the event.
   - If you have created a Thermostat Scene and you wish to change any of the thermostat settings, proceed to Step **9** below to make changes.



9. Select each Output in turn and enter (or change) the specific thermostat settings for the Scene or Event.

   - **Output 1**— the choice of Modes, defined as follows:
     - **OFF**—powers the thermostat OFF (will not heat or cool).
     - **HEAT**—temp settings where the thermostat is controlling the furnace.
     - **COOL**—temp settings where the thermostat is controlling the air conditioner.
     - **SE-HE**—the Save Energy setting in Heat mode (different than SE-CO because it will be a lower temp than the Normal temp).
     - **SE-CO**—the Save Energy setting in Cool mode (different than SE-HE because it will be a higher temp than the Normal temp).
     - **NORM**—the Normal "Target Temperature" setting for when in either Heat or Cool mode.
     - **SE**—the Save Energy setting when in either Heat or Cool mode.
     - **- - -** (three dashes)—indicates that the mode is not included in the scene.
   - **Output 2**—for setting a specific temperature by degree.

     NOTE: *This will change the temperature stored on the thermostat.*

     NOTE: *You cannot enter a temperature in Output 2 when Output 1 has been set to NORM, SE, OFF, or "– – –". The scene will pick up the temps set manually on the thermostat itself.*

   - **Output 3**—there is a tri-color LED on the right side of the CA8900 display that can be controlled to provide provide an indicator. You can assign a color to help describe a given scene, e.g., RED = Normal Mode, GREEN = Save Energy Mode, etc. This can be helpful when checking the thermostat status from across the room, or in the dark.

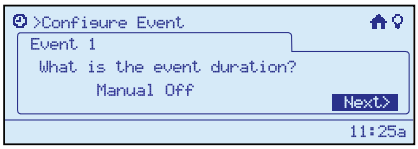
     To select a color for the scene, scroll to any number within the range of numbers assigned to that color:

     - **OFF**—the setting for when the LED is to be turned off.
     - **ON**—the same as the number 99 (green).
     - **RED**—numbers 1-33.
     - **YELLOW**—numbers 34-66.
     - **GREEN**—numbers 67-99.
     - **- - -** (three dashes)—indicates that the mode is not included in the scene.

10. Scroll with the **<UP/DOWN>** arrows to select the first Output you want to use in the Event, and press the **<RIGHT/LEFT>** arrows to adjust it to the setting you want.

11. Repeat to set other Outputs as you want, or other devices (i.e., switches) you want to activated at the same time as the thermostat.

12. When you are satisfied with settings (or changes), scroll with the **<DOWN>** arrow to advance to the bottom of the screen and highlight ***Next***, then press **<ENTER>**. The screen prompts for setting the duration of the event.



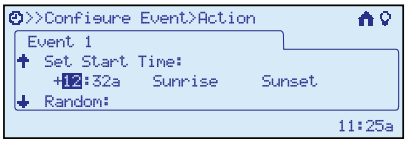
13. Press the **<RIGHT>** arrow to select ***Next***, then press **<ENTER>**. The screen displays options for activating the event.

14. Press the **<RIGHT>** arrow to select ***Time***, then press **<ENTER>**. The screen requests whether the event is to be ***One-Time*** or ***Recurring***.

15. Press the **<RIGHT>** arrow to select ***Recurring***, then press **<ENTER>**. The screen requests you to specify the ***Days*** you want the event to happen.

16. Press the **<RIGHT>** arrow to select the first ***Day***, then press **<ENTER>**. The screen places a "**+**" sign next to the date. Repeat the procedure for each day you want to select.

17. Press the **<RIGHT>** arrow to continue advancing to the right past ***Sa*** (Saturday). The screen displays the option to set start time. You can select for a start time of a ***Specific Time***, at ***Sunrise***, or at ***Sunset***.



18. Press the **<RIGHT>** arrow to make your selection, then press **<ENTER>**. The screen places a "**+**" sign next to your choice.

19. If you are selecting a specific time, scroll with the **<UP/DOWN>** arrows to set the correct ***Hour***.

20. Press the **<RIGHT>** arrow to select the ***Minutes*** field, then scroll **<UP/DOWN>** to set the correct minutes.

21. When finished setting start time, press the **<RIGHT>** arrow to advance to the right past ***Sunset***. The screen displays the option of whether you want the event to start at a ***Random*** time or exact time.

> ***NOTE:*** *If you select* ***Random****, the event will occur within a 30-minute window around the time you have selected. This is a security feature that gives your house a "lived in" look, which is useful for lighting, but not likely to be used in controlling a thermostat.*

22. Scroll with the **<UP/DOWN>** arrows to turn the ***Random*** feature ON or OFF.

23. You are now finished. Press the **<RIGHT>** arrow to select ***Done***, then press **<ENTER>**. The display returns to the Main Menu screen, and automatically exits programming mode in about 30 seconds if there's no activity.

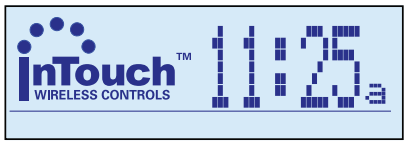
Assigning a Scene to a Scene Selection Button on the CA7100

When you assign scenes to the **<SCENE SELECTION>** buttons on the In-Wall Master Controller, you can turn them on and off by pressing the button, followed by **<ENTER>** — just like on the other controllers.

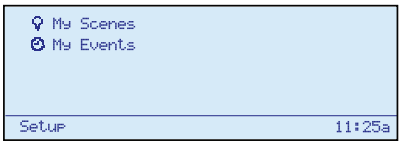
During programming, use the **<ARROW>** buttons to navigate to your selections on the screen. Use the **<RIGHT>** arrow to advance to the next item.

NOTE: *If you pause for more than 30 seconds during the programming procedure, the In-Wall Master Controller will time out and exit programming mode.*

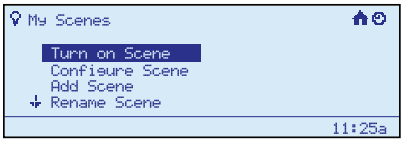
Begin at the InTouch Home Screen as shown.



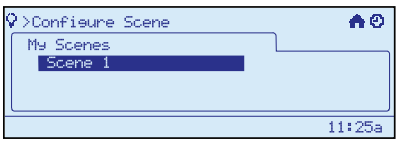
1. Press **<ENTER>**. The screen displays the Main Menu.



2. Scroll with the **<UP/DOWN>** arrows to select ***My Scenes***, then press **<ENTER>**. The screen displays a list of options for working with scenes.



3. Select ***Configure Scene***, then press **<ENTER>**. The screen displays a list of the scenes programmed in your system.



4. Scroll with the **<UP/DOWN>** arrows to select the scene you want to control with a scene button.

5. Press and hold (for 4+ seconds) the **<SCENE SELECTION>** button you want to control the scene.

6. Press the **<HOME>** button or wait for 30 seconds or so for the device to exit programming mode and return to the Home screen.

7. Test the programming. Press the **<SCENE SELECTION>** button once to select the scene, then press the **<ENTER>** button to activate the scene. Press **<ENTER>** again to deactivate.

Activating a Scene with a Scene Selection Button

After you've assigned scenes to scene selection buttons, it's easy to activate the scenes.

1. Press the button assigned to the scene to select it.

2. Press the **<ENTER>** button to turn the scene ON or OFF.

3. Press the **<SCENE SELECTION>** button again to deselect it or the **<HOME>** button to deselect a group of scenes.

NOTE: *More than one* **<SCENE SELECTION>** *button can be pressed to adjust several scenes at the same time. If you want to deselect all the scenes selected before making changes, press the* **<HOME>** *button on the controller.*