

How to Include Your Thermostat

For Bosch Security Dealers Only

Adding your Thermostat

This section contains information on how to include a Thermostat your home Control ecosystem. Adding (including) your home control Thermostat will provide you with integrated functionality that has not previously existed. Combining the home control Thermostat with your Security and Home Control ecosystems will enhance your systems' functionality and deliver integrated Temperature Control.

Configuring the home control Thermostat: In this example, we will use a Radio Thermostat CT80 Programmable Thermostat. There will be, device specific, differences and similarities dependent on thermostat manufacturers, but the general inclusion process will follow the same order, and flow, of this example.

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1. CT80 Thermostat Introduction

Congratulations on the purchase of the CT80 Smart Thermostat! The CT80 is designed to work with virtually any home HVAC (heating, ventilation and air conditioning) system, and can be controlled remotely or automatically by your gateway.



The CT80 can control multiple stages of heating and cooling for energy efficiency, and up to 7 independent periods of climate control per day. This can be a real convenience that saves you money in little ways that add up to big ways.

As an example, if you have to leave home to pick up the kids and run errands each day at more or less the same time, you can have your thermostat dial back on the heating or cooling when you leave, and bring up to your comfort when you arrive, or just before.

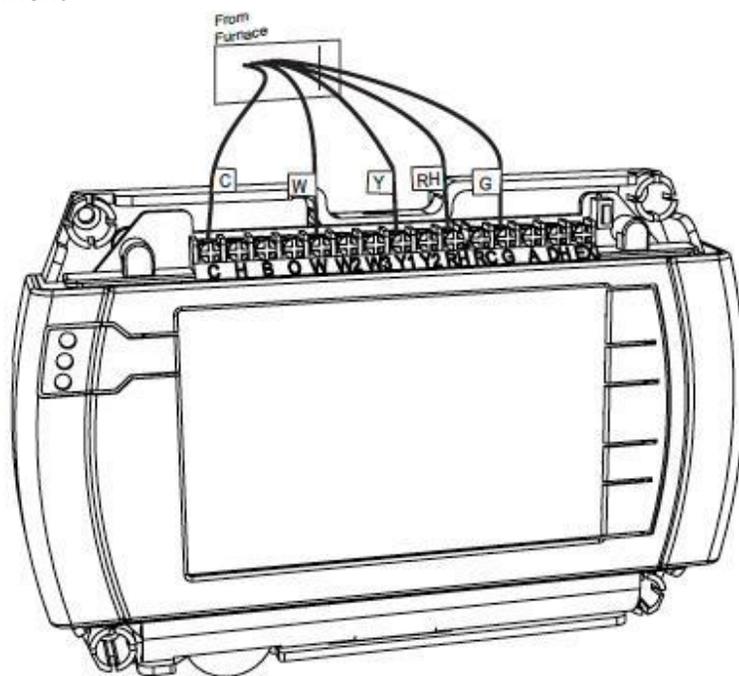
To use this device, you will replace your existing thermostat with the CT80. Installation of this device can be performed by a professional, or if you are handy around the house and unfazed by self-installation, you can install it yourself.

NOTE: Please observe all safety precautions, especially to turn off the electricity from the appropriate circuit breaker in the room where you'll be installing the CT80.

2. Installing The CT80 Thermostat

Installing the CT80 smart thermostat is not difficult, but does require some experience. If you've ever replaced or installed a lighting fixture in your house, you can do it. If you don't feel comfortable with self-installation, professional installation is easy -- the CT80 requires no specialized tools, training or home wiring.

For complete, easy-to-follow installation instructions for the CT80, use the included instructions or download the document.

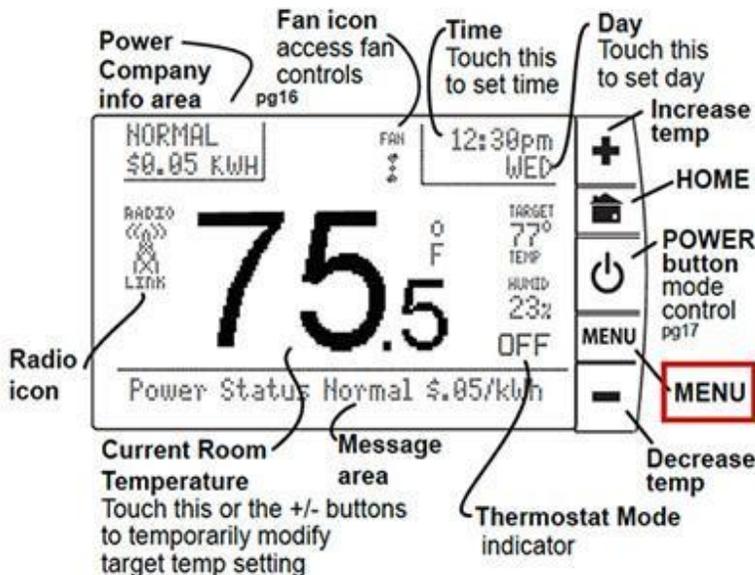


NOTE: Please be sure to follow all safety instructions and precautions as listed in the installation guide!

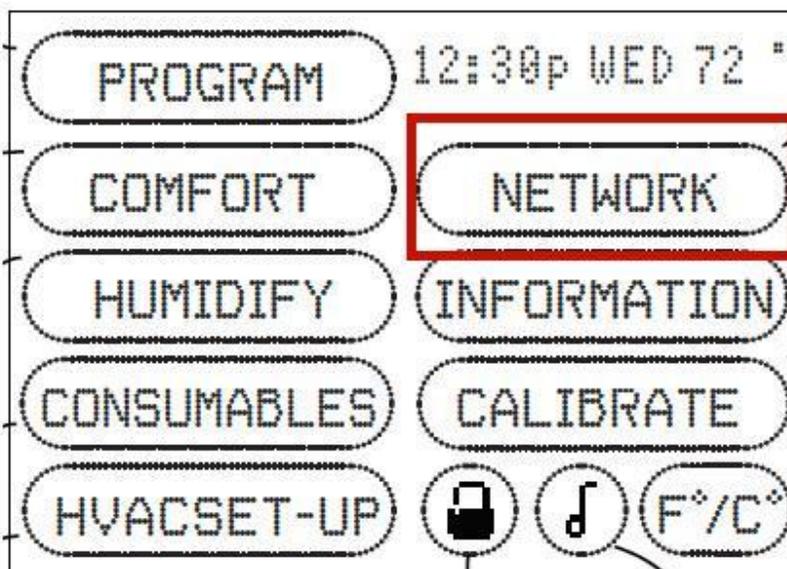
3. Pairing The CT80 Thermostat

When the CT80 thermostat is installed in your wall and receiving power, the next step is to pair it to your G450 so that you can operate or program your thermostat from anywhere.

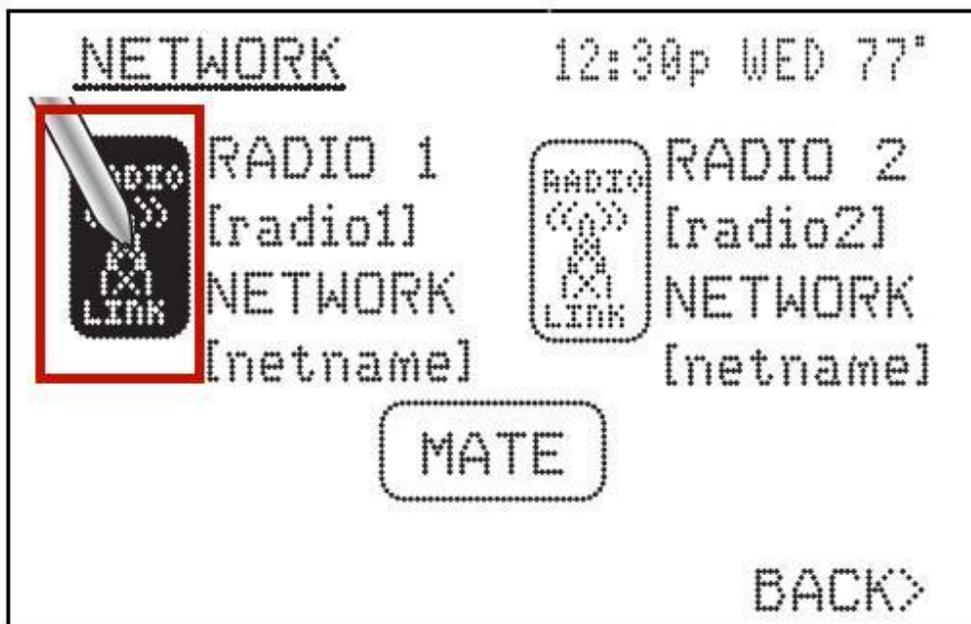
The home screen of your CT80 looks like the illustration below. To pair the thermostat to your gateway, touch the button marked "Menu" on the lower right side of the unit as shown;



The menu will appear, as shown below. Touch the "Network" menu option.



The next screen will show you buttons to start the wireless "Network" connection you'll want to make to your gateway. Choose "Radio 1" for your system.



NOTE: All wireless devices use miniature "radios" in order to be wireless, so don't be confused by the term here. Since your CT80 can be operated by more than one wireless network, you'll see options for more than one radio. Don't worry, you only need one.

Now put your gateway (G100 only) into "Battery" mode and bring it to within 3 feet of your CT80 thermostat.

Push the "+" button on the top of the unit to put it into pairing mode. The orange light will flash slowly – gateway is ready for pairing.

Now, push the "Mate" button on the screen of your CT80 as shown:

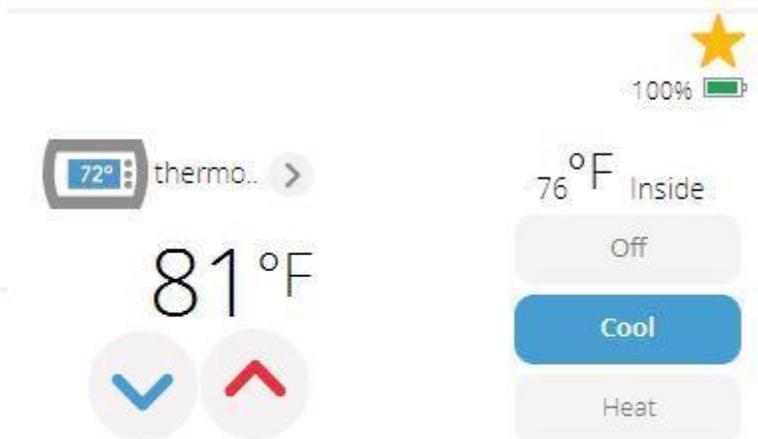


The blinking light on your gateway will go off for a few seconds and then will start blinking again to show the thermostat was paired to it, then return to blinking slowly. The CT80 will display the name of your network to show it was paired.

Push the "+" button again and hold it for 5 seconds to save the pairing. Now return your gateway to its usual spot and plug the power and network cables back in.

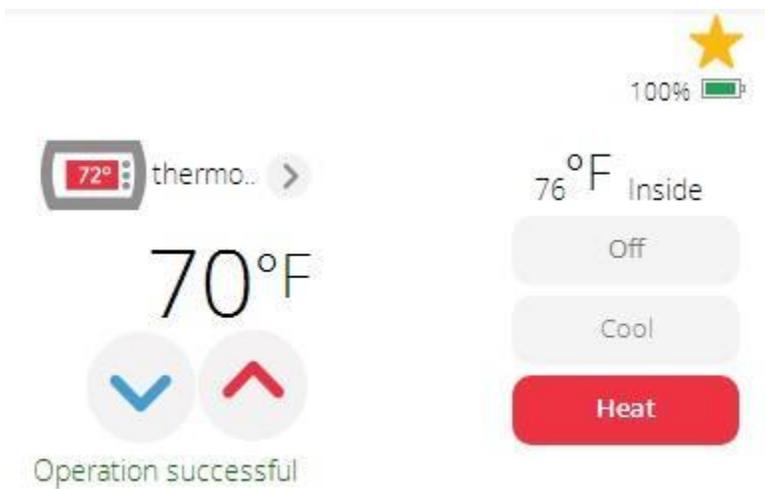
4. Control The CT80 from Your Dashboard

When you've successfully paired your CT80 thermostat to your home control gateway, you'll see it appear in the Dashboard, under "Devices" and then the "Thermostat" menu as shown below:



From your Dashboard, you can now control your CT80 thermostat from anywhere.

You'll see the current temperature displayed on the right, and can raise or lower it with the down arrow and the up arrow to the left. When you've made changes to this device, you'll see the bottom of its Dashboard display to let you know the communication between the thermostat and your home control gateway was successful.



When you select the "Heat" mode you'll be able to set the set point for "Heat" with the down arrow and the up arrow.

When you select the “Cool” mode you’ll be able to set the set point for “Cool” with the down arrow and the up arrow.

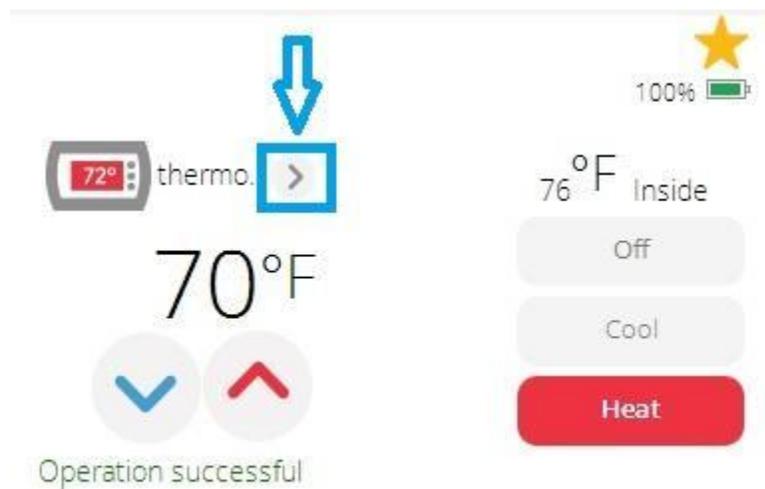
From here, you can also remotely control the thermostat's current running mode. Since this is a smart thermostat, there are multiple ways of controlling the climate, beyond simply changing the temperature.

5. CT80 Settings and Notifications

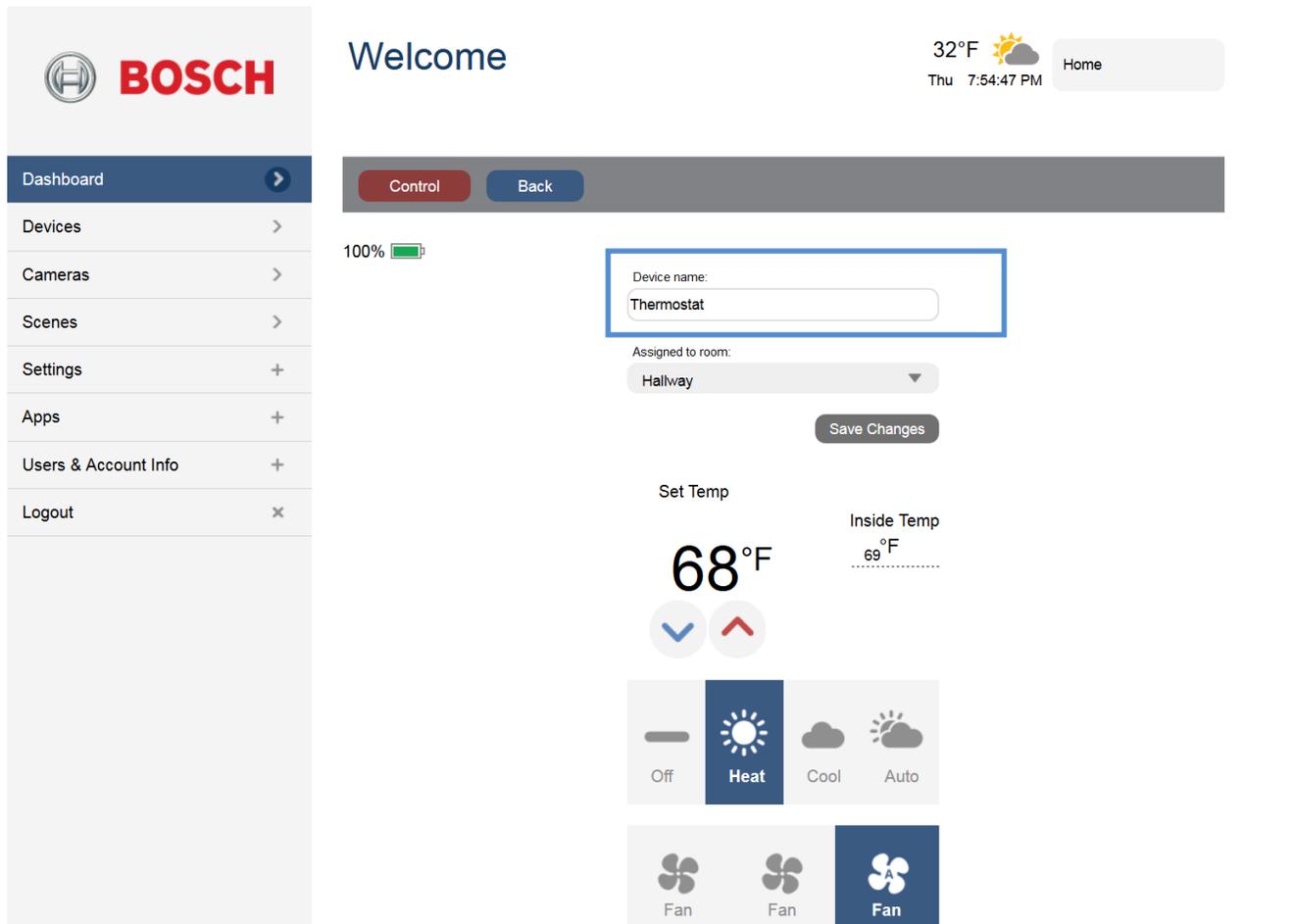
While most of its internal settings for the CT80 can be left alone on your home control Dashboard, you can make adjustments and set notifications.

Let's begin with a simple one that might be useful in a home with more than one thermostat -- let's name the thermostat.

Click on the “>” of the CT80 Device in your Dashboard, as shown.



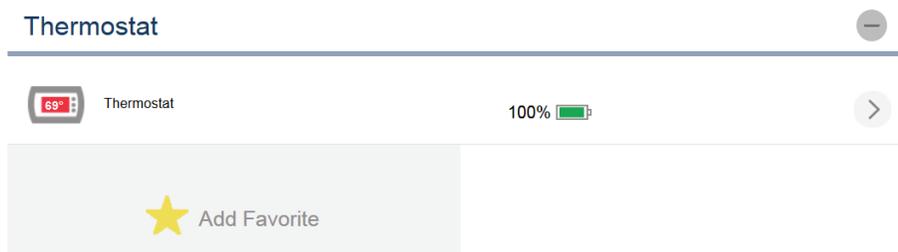
You'll first be taken to the "Control" tab, which allow you to change the name for the thermostats.



The screenshot displays the Bosch Home Control app interface. On the left is a navigation menu with options: Dashboard, Devices, Cameras, Scenes, Settings, Apps, Users & Account Info, and Logout. The main area shows a 'Welcome' message, the current temperature (32°F), and the location (Home). Below this is a 'Control' tab and a 'Back' button. A battery indicator shows 100%. The thermostat settings are displayed, including a 'Device name' field containing 'Thermostat', an 'Assigned to room' dropdown menu set to 'Hallway', and a 'Save Changes' button. The current 'Set Temp' is 68°F, and the 'Inside Temp' is 69°F. Below the temperature display are controls for 'Off', 'Heat', 'Cool', and 'Auto', and three 'Fan' speed settings.

You can set up your smart system to notify you of any event that occurs with your thermostat. If you haven't already entered your notification information, such as your email address or text number, you need to do that now.

When your notification preferences have been set, find the thermostat on your Dashboard



The screenshot shows the dashboard for a thermostat. At the top, the word 'Thermostat' is displayed next to a minus sign icon. Below this is a tile representing the thermostat, showing a temperature of 69°F, the name 'Thermostat', and a 100% battery indicator. To the right of the tile is a right-pointing arrow icon. Below the tile is a button with a yellow star icon and the text 'Add Favorite'.

Then go to Scenes tab and click on the "Add scene" button. You'll be brought to a page where you can select the type of your scene (Trigger based, Schedule based and Manual)

Click on the “>” to select the thermostat to setup notifications. Then select for what type of the event you want to be notified.

Whenever CT80...	
Thermostat Mode Changes	✓
Ambient temperature goes above	✓
Energy Mode or Normal Mode Changes	✓
Ambient temperature goes above or below	✓
Thermostat HEAT set point goes over	✓
Thermostat COOL set point goes below	✓
Ambient temperature goes below	✓
Battery level goes below	✓
Device energy usage for last 24 hours goes above	✓
Device energy usage for last 30 days goes above	✓

Validate the changes you’ve made and the click on the “Next” button.

Select the user you want to be notified

Step 3: Finish the Scene

This scene runs...

When I am in any mode >

When this scene runs...

Notify these people >

Also, execute the following Luup code:

No Luup Code defined >

Name Your Scene

Name:

Finish

Give your notification a name, so your notification will be easy to identify when you get it. In this example, we'll call the notification "CT80 was set to cool"

Step 3: Finish the Scene

This scene runs...

When I am in any mode >

When this scene runs...

Notify these people >

Also, execute the following Luup code:

No Luup Code defined >

Name Your Scene

Name:

Finish

Then click the "Finish" button to save the changes.