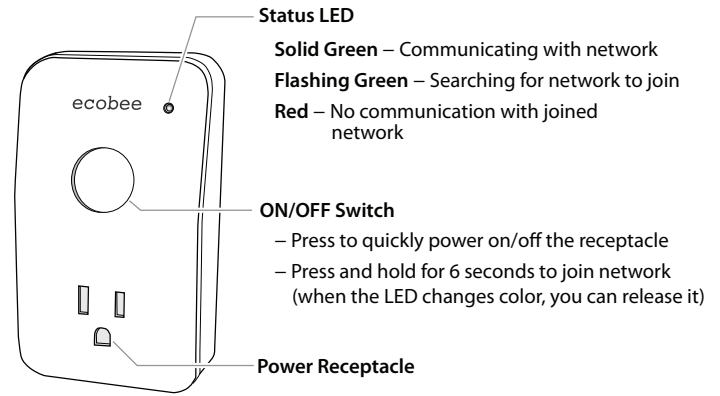




Smart Plug Instruction Manual

At ecobee, we're not just all about thermostats – we're about energy solutions. That's why we've created Smart Plugs, WiFi-enabled electrical outlets that you can monitor and control from your existing Smart Thermostat and ecobee® Web Portal.



Step 1. Check Smart Thermostat Software

To use Smart Plugs, your Smart Thermostat needs to be running software version 2.4.0.298 or later. Software updates occur automatically when the Smart Thermostat is connected to the Internet. If you are running an earlier software version, contact ecobee customer service (email support@ecobee.com or call 877-932-6233) to receive a free upgrade.

To verify the software version you are running:



1. From the Smart Thermostat Home screen, press **More**.



2. Press **Settings**, select **About**, then select **Version**.

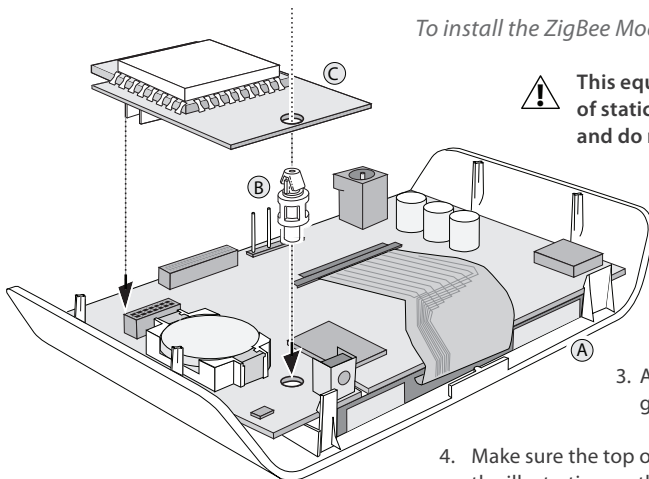
Step 2. Install ZigBee® Module

To use Smart Plugs, you need to install a ZigBee Module in your Smart Thermostat. You only need one module per thermostat – it can be connected to an unlimited number of Smart Plugs. If you already have installed a ZigBee Module, you can skip this step.

To install the ZigBee Module:



This equipment is sensitive to electrostatic discharge (ESD). Before starting, discharge your body of static electricity by touching a grounded metal object. Always hold the devices by their edges and do not touch any of the internal components.



1. Use a flat-head screwdriver to gently remove the Smart Thermostat faceplate **A** from the gray backplate attached to the wall. Once removed, lay the Smart Thermostat on a flat surface, with the internal components facing up.

2. Insert the plastic stand-off **B** that comes with the ZigBee Module **C** into the round hole in the thermostat circuit board, just above the battery.

3. Align the connector of the ZigBee Module to the connector on the Smart Thermostat and gently push into place. The stand-off will secure the module and ensure it does not move.

4. Make sure the top of the plastic stand-off snaps through the ZigBee module, as shown in the illustration on the right.

5. Attach the Smart Thermostat back onto the backplate on the wall.



Step 3. Install Smart Plug Into Outlet

Plug the Smart Plug into a standard household electrical outlet, then plug in a light or appliance. Ensure that the switch on the actual light or appliance is left in the ON position. The Status LED should start flashing (indicating that the Smart Plug is looking for a network to join). If the Status LED does not start flashing, press and hold the switch for 10 seconds.

Step 4. Set Up ZigBee Network

If this is your first Smart Plug you will need to set up a ZigBee Home Automation network with your ecobee Smart Thermostat. You can skip this step if you previously connected any ZigBee devices.

To setup the ZigBee Home Automation network:



1. From the Home screen, press **More**.



2. Press **Settings** and select **ZigBeeModule(Internal)**. Follow the prompts to configure Home Automation. You may choose to add your smart plug at this time, as per the prompts or add the plug once the setup is complete.

Step 5. Adding Smart Plug to Network

After you have set up your ZigBee network (step 4), you connect your Smart Plug to the Smart thermostat. The ecobee Smart Thermostat will scan the network and automatically detect any unconnected Smart Plugs.

The default name is the last 4 digits of the Smart Plug's MAC address (a unique number printed on the back of each device). You can give it an easier to remember name (like "Living Room Light"). Providing your own custom name makes it easier to identify the plug, especially if you have multiple plugs installed.

To add a Smart Plug:



1. From the Home screen, press **More**.



2. Press **Settings** and select **Home Automation**.



3. Press **Add**.

4. Press and hold the On/Off switch on the Smart Plug for 6 seconds. The Status LED will start flashing green.



5. On the Smart Thermostat, press **Next**. The Smart Thermostat will search for the Smart Plug.



6. Press **Done**. Your Smart Plug is now joined with the network.

Accessing Plugs From Smart Thermostat

Congratulations! You are now ready to use and program your plugs.

To access your plugs:



1. From the Home screen, press **More**.



2. Press the **Plugs** button. The screen shows if the plug is currently on or off and how much electricity is being consumed.

3. Press the image of the plug to manually turn it on/off and to determine how long you would like it to stay in this new state.

Managing Your Smart Plug Energy Usage

You can monitor and reduce your energy usage by using the Smart Thermostat's energy management functions.

To access energy management functions:



1. From the Home screen, press **More**.



2. Press the **Plugs** button.

3. Select **More** beside the plug you want to manage.

4. Select an option:

Program — You can program the plugs to turn on or off based on specific times and days of the week. You can also program a plug to follow your thermostat schedule. If you choose to follow the thermostat schedule, you only need to determine if you want the plug to be on or off during those chosen periods. If you change your thermostat schedule, the plugs will follow suit.

Reports — You can view the hourly, daily and weekly electricity consumption of each plug.

Settings — You can rename the plug, change the default temporary override duration and decide if you want this plug to turn off when your Utility issues a demand response event (note that you must be registered as part of a Utility program to receive demand response events).

Removing a Smart Plug From Your Network



1. From the Home screen, press **More**.



2. Press **Settings, Home Automation** and select the device you wish to remove. Press **Remove** to reset the Smart plug and remove it from your network.

3. If you want to use the Smart Plug with a different Smart Thermostat, perform a factory reset first by plugging it into an outlet and pressing the switch for 10 seconds.

Product Specifications

Electrical

Operating Voltage: 110–240 VAC
Max. Load Current: 15A @ 120VAC / 10A @ 240VAC

Environmental

For Indoor Use only
Temperature: 32°F–122°F (0–50°C)
Humidity: 5–85%RH (non-condensing)
Dimensions: 2.5" H x 4.2" L x 2.2" W
(64mm W x 109mm L x 57mm H)

Wireless

Frequency: 2.4GHz
Maximum Transmit Power: 100mW
Maximum Range: 100ft (30m)

Contains module FCC ID D12CT EM2506

Accessing Plugs From Personal Web Portal

You can control your Smart Plugs from your ecobee personal Web Portal. When you log into your web portal you will see a new Smart Plugs tab at the top of the page. It has 4 widgets: Plug Reports, Status, Preferences and Program.

With these widgets, you have total control of your Smart Plug from anywhere with an Internet connection. If you have any questions, click the ? mark in the top right-hand corner of the widget.

Identifying or Renaming a Smart Plug

By default, the name of a Smart Plug includes the last 4-digits of its MAC address. The Smart Plug's MAC address is printed on the back of the plug. You may want to give your Smart Plug a more descriptive name (such as "Living Room") in order to make it easier to identify.

You can rename a Smart Plug from its Settings menu on the Smart Thermostat or from the Preferences widget in your ecobee personal Web Portal.

Note: There is a special name, "Router", that optimizes the Smart Plug to work with an Internet router. If the Smart Thermostat cannot communicate with the ecobee web servers for over 1 hour, it will automatically turn the Smart Plug off for 20 seconds and then turn it back on. This feature can be used to automatically reboot a router in order to fix connectivity issues.

On/Off Switch

On the front face of the Smart Plug there is an on/off override switch. Press this switch if you want to turn on or off the device connected to this plug. The plug will stay in this condition for the specified time or action (customizable under Settings).

Plugs During Vacation Event

When you schedule a vacation event on your ecobee Smart Thermostat, you can also determine how specific plugs to perform. You can simply continue to run the program, so that lights come on at the usual time, or program them to stay on or off for the duration of the vacation event. Once the vacation is over the plugs will return their regular program.

3-Year Limited Warranty

ecobee warrants that for a period of three (3) years from the date of purchase by the consumer ("Customer"), the ecobee Smart Plug (the "Product") shall be free of defects in materials and workmanship under normal use and service. During the warranty period, ecobee shall, at its option, repair or replace any defective products, at no charge. Any replacement and/or repaired device are warranted for the remainder of the original warranty or ninety (90) days, whichever is longer.

If the product is defective, contact the supplier from whom the product was purchased to obtain an equivalent replacement product, provided the supplier determines that the returned Product is defective and the Customer is otherwise eligible to receive a replacement product; This warranty does not cover removal or reinstallation costs and shall not apply if the damages were found to be caused by something other than defects in materials or workmanship, including without limitation, if the product:

- was operated/stored in abnormal use or maintenance conditions;
- is repaired, modified or altered, unless ecobee expressly authorizes such repair, modification or alteration in writing;
- was subject to abuse, neglect, electrical fault, improper handling, accident or acts of nature;
- was installed improperly.

ecobee's sole responsibility shall be to repair or replace the Product within the terms stated above. ECOBEE SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some US states and Canadian provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. ecobee's responsibility for malfunctions and defects in materials and workmanship is limited to repair and replacement as set forth in this warranty statement. All express and implied warranties for the product, including but not limited to any implied warranties and conditions of merchantability and fitness for a particular purpose, are limited to the three-year duration of this limited warranty. No warranties, whether express or implied, will apply after the limited warranty period has expired. Some US states and Canadian provinces do not allow limitations on how long an implied warranty lasts, so this limitation may not apply. ecobee neither assumes responsibility for nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. This warranty gives you specific rights, and you may also have other rights which vary from jurisdiction to jurisdiction. If you have any questions regarding this warranty, please write ecobee Customer Service, 477 Richmond Street West, #210, Toronto, Ontario M5V 3E7, Canada or contact customer service at 1-877-9-ecobee (32-6233)

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