

Nest Energy management device

Start Here guide

Federal Communications Commission (FCC) Compliance Notice:

This equipment has been tested and found to comply with the limits for a 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, uses 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.

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Change or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

Industry Canada (IC) Compliance Notice:

This device complies with Industry Canada license-exempt RSS standard(s). 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 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.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Contents



Compatibility

Works with most popular systems:

- 24 Volt, no C wire required
 - More details at X.com
- The energy management device is not compatible with millivolt or 110 V systems.

1. Switch Off Power

Switch off power to your heating and air conditioning equipment either at your home's breaker box or using a switch near the equipment.



NOTE: Switching off power protects both you and your equipment.

2. Remove Cover

Remove the cover of your old thermostat to reveal the wiring.

NOTE: The typical home thermostat is connected to low-voltage wires—the same type used in doorbells and telephones.



CAUTION: Do not attempt to connect to high-voltage wires.

3. Label Wires

Use the stickers provided in this guide to label the wires for connection to energy management device.

If you can't match your old thermostat's wiring to the stickers, visit X.com

4. Disconnect wires

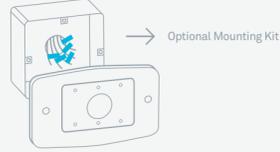
Disconnect the labeled wires from the old thermostat base and remove the base from the wall using the Nest Screwdriver. The Nest Screwdriver includes four different bits to fit the screws on most existing thermostats.



NOTE: Pull the thermostat wires out as far as possible to prevent them from slipping back into the wall. If necessary, secure the wires by twisting them around a pencil.

Is your thermostat on an electrical box?

If your thermostat is attached to an electrical box, use the provided Optional Mounting Kit to complete installation.



NOTE: Electrical boxes are rare in homes.

5a. Create holes in the wall

Use the Nest base as a template to mark the wall with a pencil or a screw. Then use a screwdriver or drill to create starting holes in the wall.



5b. Insert wall anchors into wall

Press the anchors into the holes as far as possible until the threading begins. Finish securing the anchors with the screwdriver.



The anchors are only for mounting to plain drywall. For panelling, plaster-and-lath, or if there is a stud behind the thermostat, use the screws alone and pre-drill a hole using a 3/32" bit.



6a. Attach base

Pull the labeled wires through the center hole of the base and loosely attach the base to the wall.



6b. Adjust base

Using the bubble level on the base, adjust the base so that it is level. Then tighten the screws.



7. Reconnect wires

Push and hold the connector while inserting each wire straight into the connector. Release when each wire is fully inserted. The exposed part of the wire should be trimmed to between 1/4 and 1/2 inches.



8. Attach display

Make sure that the bundle of wires is flush with the connectors by pushing excess wire into the wall. This will ensure that the display connects properly to the base. Position the display directly on to the base with the logo at the top and press until it clicks into place.



9. Switch on power

Switch on the power to your heating and air conditioning.



10. Get started

Press the Nest Learning Thermostat to begin guided setup, or go to nest.com/support to view the Nest setup video.



NOTE: If Nest needs to be recharged, a small red light will flash. You will be able to continue setup when the thermostat is fully charged. This may take up to several hours.

For more information visit nest.com or call 855-4MY-NEST