

# Thermostat Power Module User's Manual



[www.spyderrobotics.com](http://www.spyderrobotics.com)

This Thermostat Power Module is intended to be used with a separate standard residential home thermostat to control a room heater or small room air conditioners. This Thermostat Power Module will not work with both heating and cooling devices at the same time.

Relay component used inside power module: TE Connectivity RT314524  
Useful life is dependent on number of cycles and power draw.  
(Full spec datasheet available at the manufacturers website: [www.te.com](http://www.te.com))

## Hardware Installation

Requires: 3 or more conductor home thermostat wire and a separate residential home thermostat. Our testing was performed with a Honeywell RTH221B and a Honeywell RTH8580WF.

**WARNING: FIRE OR ELECTRICAL SHOCK MAY RESULT FROM MISUSE. FOR INDOOR USE ONLY!**

This unit is a pass-through device and is not fuse protected. **Do not exceed 1800/15A watts. For 120VAC only.** For additional protection use a surge protector that has a built in circuit breaker between the power module and wall outlet.

1. Make sure the Thermostat Power Module is unplugged from power.
2. Unscrew the three set screws in the green electrical connector.
3. On the back of the Thermostat Power Module is a label indicating the wire order. These connections match the connections on a standard residential home thermostat. Connect the wiring according to the thermostat's installation manual. If used for heating connect R or Rh from the thermostat to R on the power module. If used for cooling connect Rc on the thermostat to R on the power module.
4. Confirm the set screws are tight.
5. Plug the Thermostat Power Module into a wall outlet. An additional screw is provided if you want to secure the module to the electrical wall outlet. To do this remove the wall plate hold down screw and then plug the power module into the outlet (continue to use the original wall plate). Then thread the screw through the hold down on the Thermostat Power Module, through the wall plate, and secure it to the wall outlet.
6. Connect your heating or cooling device to the Thermostat Power Module.

## Getting Help

Questions or comments can be e-mailed to:  
[sales@spyderrobotics.com](mailto:sales@spyderrobotics.com)

### 1 Year Limited Warranty

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