PR1

R751WO Operation Manual

PRO1 R751WO

Pro1 Technologies

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Hours of Operation: M-F 9AM - 6PM Eastern

⚠ **Caution:**

Equipment damage hazard Do not operate the cooling system if the outdoor temperature is below 50 °F (10 °C) to prevent possible compressor damage.

PROSYNC
Wireless System

Battery Door Information
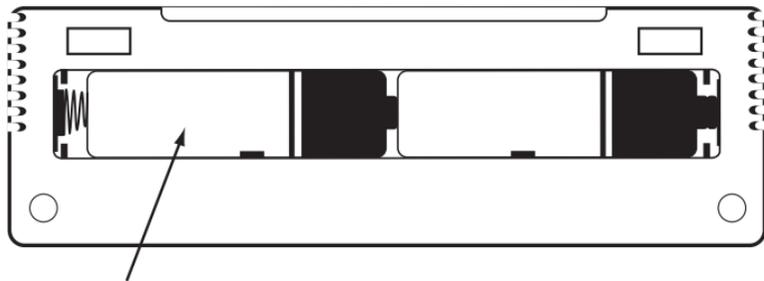
Insert 2 AA Alkaline batteries (included) located in the back of the thermostat. High quality Alkaline batteries are recommneded.
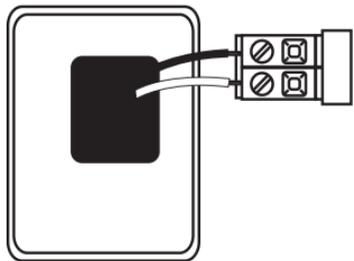
Battery installation is optional if thermostat is hardwired (R and C terminal connected to 24V power).

Important:

The low battery indicator is displayed when the AA battery power is low. Replace the batteries when the indicator appears. If the system is in the low battery state for an extended period, the system will operate with reduced temperature control. If batteries power is lost, the system will cease operation.
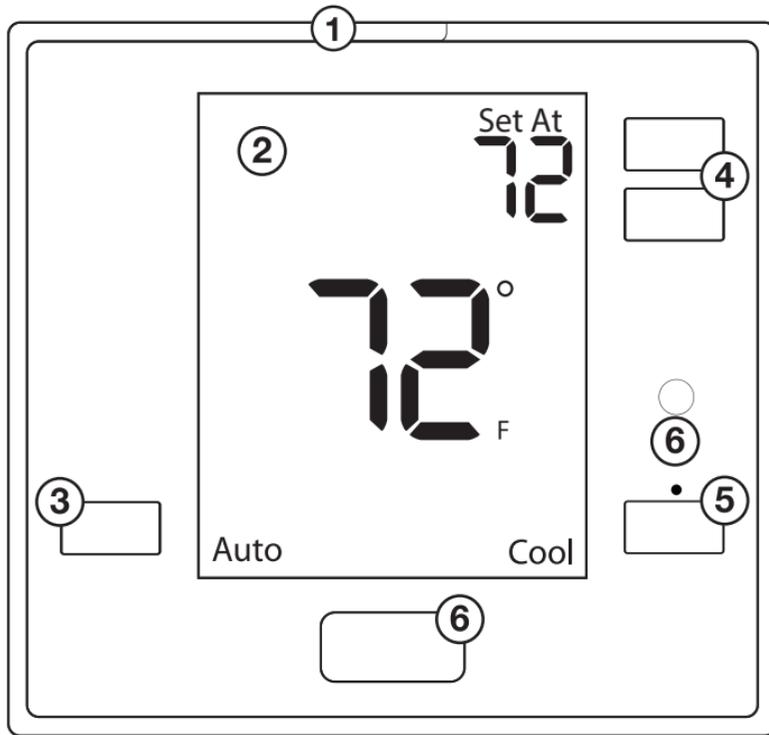
① Glow in the dark light button
The glow in the dark light button will self illuminate for several hours after exposure to ambient light. This button turns on the display light when pressed.

② LCD Display
See page 6 for details about this display read out.

③ Fan Button
Auto will cycle the fan on only when the heating or cooling system is on. **ON** will run the fan continuously. **L, M,** and **H** may be selectable when the thermostat is in PTAC mode and will run the fan continuously at low, medium or high speeds.

④ Temperature Setpoint Buttons
Press the + or − buttons to select the desired room temperature.

⑤ System Button
Selects the operation mode on your **HVAC** system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the cool mode. Selecting **OFF** turns both heating and cooling off. Selecting **AUTO** will turn the **HEAT** or **COOL** on as needed. (**EM HEAT** will appear as an option if operating a heat pump. **EM HEAT** setting will turn on emergency heat)

⑥ Occupancy Sensor
This feature is used to detect motion to determine if the room is occupied.
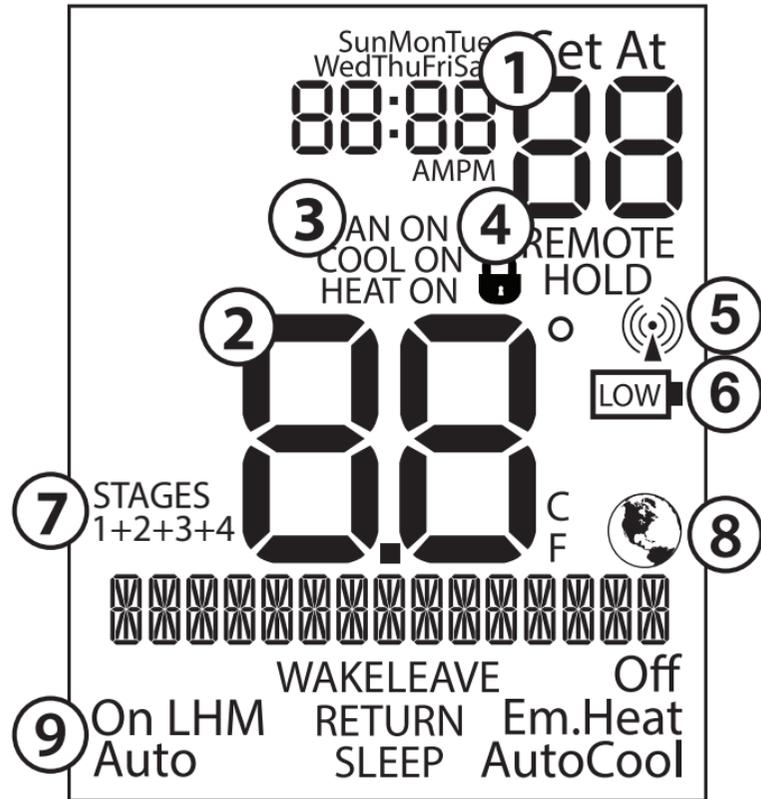
(1) **Setpoint:** Displays the selected setpoint temperature.

(2) **Indicates the current room temperature**

(3) **System Operation Indicators:** The COOL ON, HEAT ON or FAN ON will display when the COOL, HEAT, or FAN is on. **The compressor delay feature is active if these are flashing.**

(4) **Keypad Lockout:** Lock out control at the thermostat.

(5) **Radio Antenna:** Displays the strength of the radio.

(6) **Low Battery Indicator:** Replace batteries when this indicator is shown.

(7) **Globe:** Globe is displayed if an energy efficient temperature has been selected.

(8) **Stages:** +1 will appear in the display when the first stage of heat or cool is on. +2 will appear for the second stage of heat.

(9) **Fan:** Indicates the current fan setting.

(10) **System:** Indicates current system mode setting.

Manually Overriding The System (Non-programmable)

You have the ability to override the system from the remote sensor. If any button is pressed, the sensor will temporarily take control of the entire system for four hours. If at any point another button is pressed from that sensor, the four-hour time starts over. If you interact with any other remote sensor, it will start the timer over, and that sensor will take control of the system.
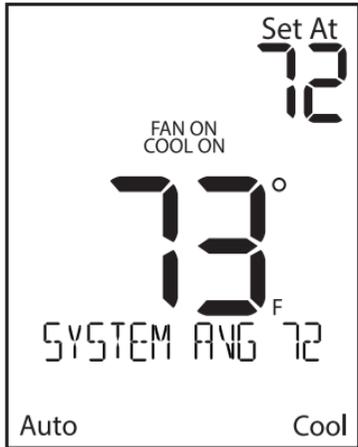
No Program
Viewing Thermostat - Kitchen
Thermostat In Control - System Average

Temporary Override
Viewing Thermostat - Bedroom 1
Thermostat In Control - Bedroom 1
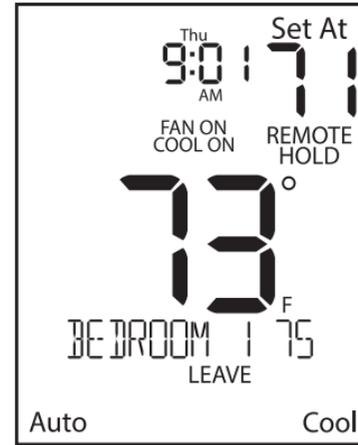
Temporary Override
Viewing Thermostat - Kitchen
Thermostat In Control - Bedroom 1
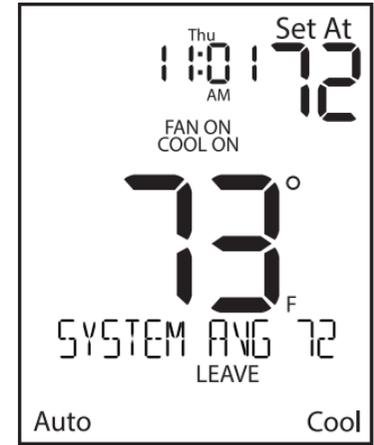
Temporary Override Expired
Viewing Thermostat - Kitchen
Thermostat In Control - System Average

Manually Overriding The System (Programmable)

After the four-hour override has passed without any interaction on any of the remote sensors or thermostats in the home, the system willreturn to the previous or default control point. If the system has been running a program, it will return to the schedule based on the time of day.

Running The Schedule
Viewing Thermostat - Kitchen
Thermostat In Control - Kitchen

Temporary Override
Viewing Thermostat - Bedroom 1
Thermostat In Control - Bedroom
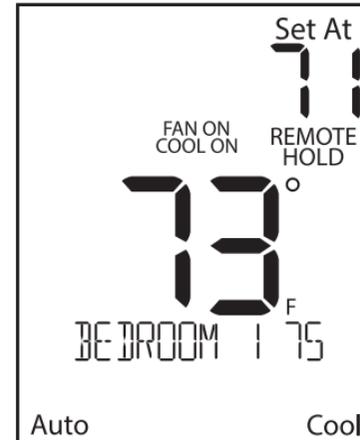
Temporary Override
Viewing Thermostat - Kitchen
Thermostat In Control - Bedroom 1
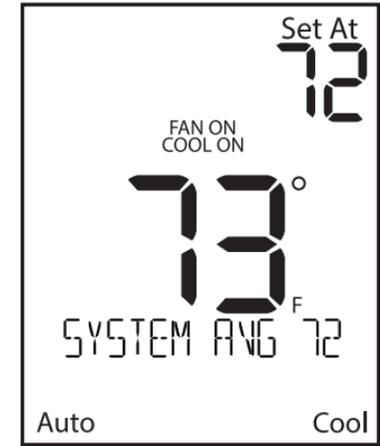
Temp Override Expired - No Program
Viewing Thermostat - Kitchen
Thermostat In Control - System Average

When using remote sensing, this system can be configured four separate ways to maximize comfort for homeowner and cater to each of their unique lifestyles.

System Averaging

System Averaging will average all remotes together to provide a more accurate temperature of the entire home. Adjusting the temperature from any remote will temporarily put that room in control of the system. If the upstairs thermostat reads 80 while the basement reads 70 the system will condition the home to a 75 ambient.

Scheduling

With scheduling the system you can make different rooms in control for each part of the day. For homeowners with predictable schedules, this ensures each room will be the target temperature when scheduled to be used. Making the kitchen in control in the morning, your home office during the day, your living room in the evening, and your master bedroom at night is a great hands-free approach to maximize comfort.
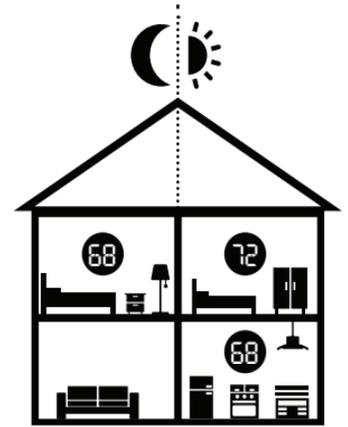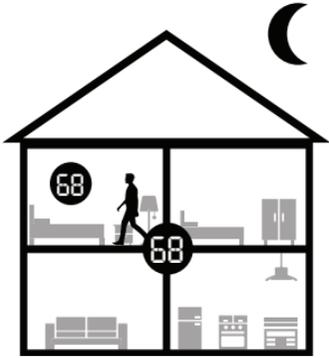
Occupancy Sensing (Last Seen Mode)

This is the perfect solution for homes with a single occupant with less predictable schedules, using the built-in occupancy sensors moves the comfort around the home without the need for scheduling. As soon as someone enters a room, it takes control of the system.

Occupancy Sensing (System Average Mode)

This is an excellent solution for a home with multiple occupants. Each time a remote senses occupancy, it starts an automatic, internal timer. The system is controlled using the average of the temperatures from only the remotes with active timers. When a remote's timer expires, the system removes that remote from the average.

Warranty Registration

Your new thermostat has a 5 year limited warranty. You must register your thermostat within 60 days of installation. Without this registration the warranty period will begin on date of manufacture. For warranty issues please contact the HVAC professional that installed this product. Please register your new thermostat online.

Please Register Your Thermostat Here

www.pro1iaq.com/warranty

Scan Here

**For More Information
About Your Thermostat**

www.pro1iaq.com/r751wo

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