

PRO
Operation Manual

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RZ251W

Pro1 Technologies

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

This manual covers the following models:

- **RZ251W** (For use with 955WH Remote Sensing Thermostat and the Z955W Zoning System.)

Congratulations on purchasing our Wireless System.

This remote sensor was designed to the highest reliability and ease of use standards. **Thank you for choosing our quality products**

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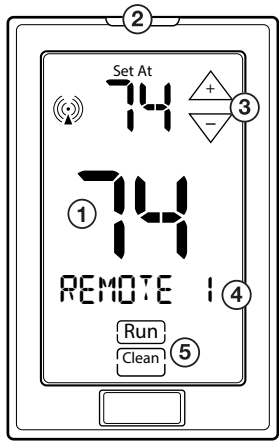


Caution:

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

Una version en español de este manual se puede descargar en la pagina web de la compañía.

Getting to know your indoor remote sensor



- ① LCD
- ② Glow in the Dark Light Button*
- ③ Temperature Setpoint Keys**
- ④ Remote Name
- ⑤ Run and Clean Keys**

***NOTE ABOUT THE LIGHT BUTTON:**

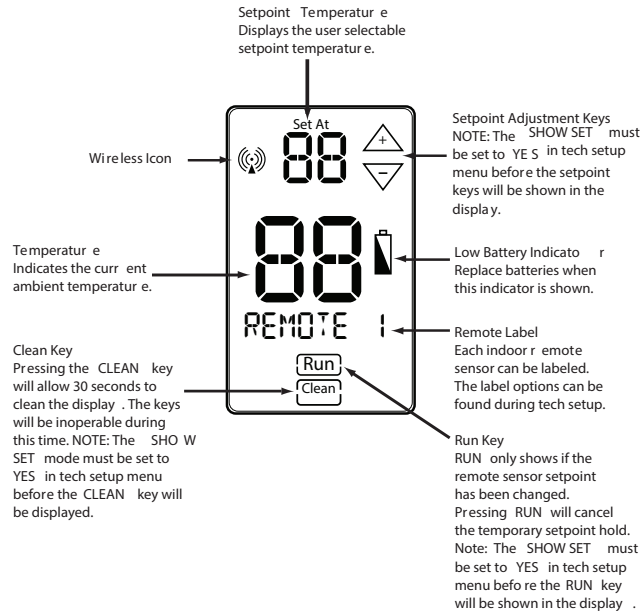
This button is used to light up the display. DO NOT hold the light button down for longer than 3 seconds or you will enter the technician setup screens. If inadvertently enter the tech setup screens, press and release the light button a second time to exit the tech screens.

****NOTE ABOUT SETPOINT, RUN, AND CLEAN KEYS:**

These keys will only be shown if they have been turned on in Technician Setup menu.

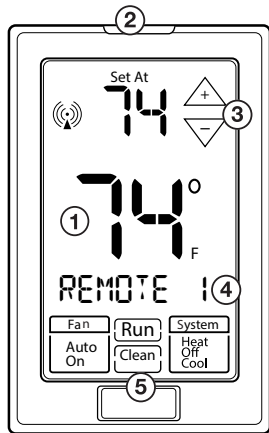
Wireless Range

Range between the remote and the master thermostat is approximately 100 feet with no obstructions and approximately 50 feet in standard residential metal, brick, and concrete construction.

**Mercury Notice:**

All of our products are mercury free. However, if the product you are replacing contains mercury, dispose of it properly. Your local waste management authority can give you instructions on recycling and proper disposal.

Getting to know your indoor remote sensor



- 1 LCD
- 2 Glow in the Dark Light Button*
- 3 Temperature Setpoint Keys**
- 4 Remote Name
- 5 Run and Clean Keys**

*NOTE ABOUT THE LIGHT BUTTON:

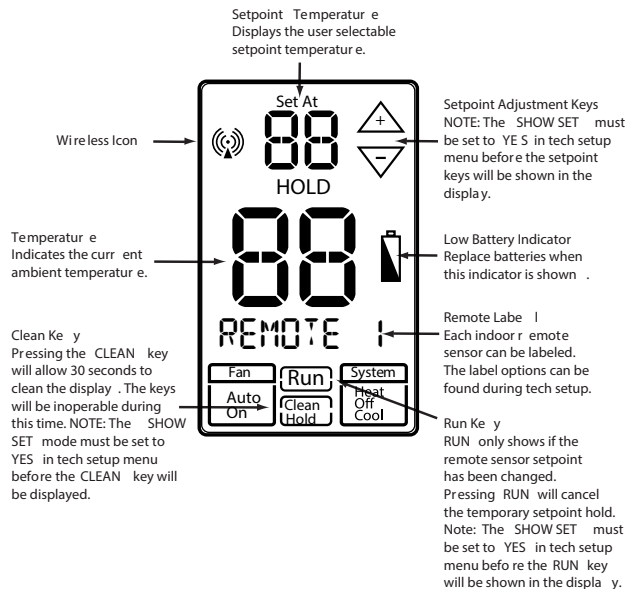
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**NOTE ABOUT SETPOINT, RUN, AND CLEAN KEYS:

These keys will only be shown if they have been turned on in Technician Setup menu.

Wireless Range

Range between the Zone Thermostat and the Master Thermostat is approximately 100 feet with no obstructions and approximately 50 feet in standard residential metal, brick, and concrete construction.



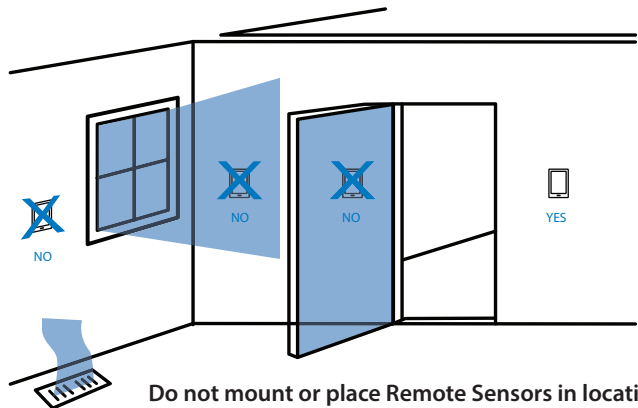
Mercury Notice:

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Mounting Locations

Recommended Wall Mounting Locations

The remote sensor should be mounted or placed approximately 4 to 5 feet above the floor. Select an area with average temperature and good air circulation.



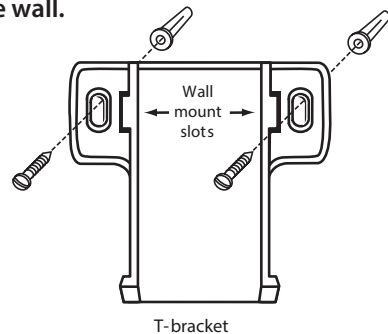
Do not mount or place Remote Sensors in locations:

- Close to hot or cold air ducts
- That are in direct sunlight
- With an outside wall behind the thermostat
- In areas that do not require conditioning
- Where there are dead spots or drafts (in corners or behind doors)
- Where appliances could radiate heat
- Do not set it next to or on hot appliances
- Do not put it in your pocket or hold in your hands for a long period of time.
- Body heat will distort the temperature reading.

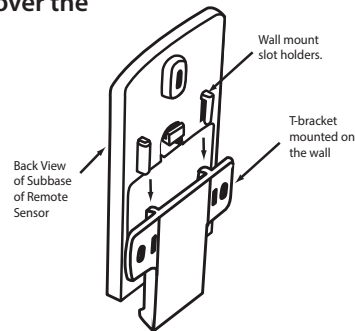
Mounting Locations

Wall Mount - Removable

- 1 Mount T-bracket on the wall.

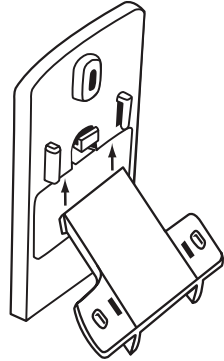


- 2 Slide the Remote Sensor over the mounted T-bracket.

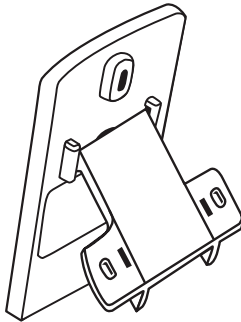


Desk or Counter Option

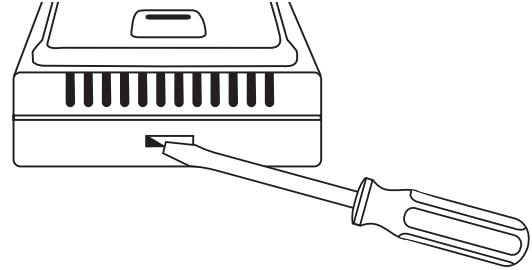
- 1 Slide the T-bracket up into the slot holders.



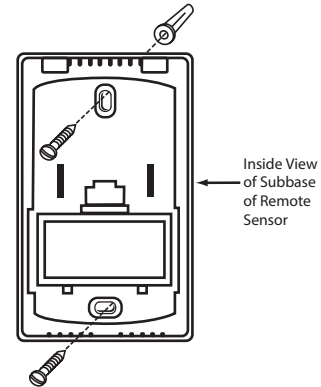
- 2 T-bracket will stop on the top of the slot holders.



- 1 Remove the remote from the subbase.

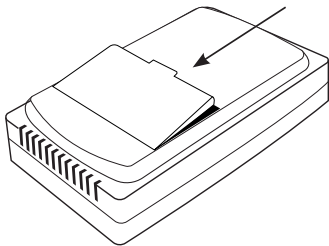


- 2 Mount subbase to the wall

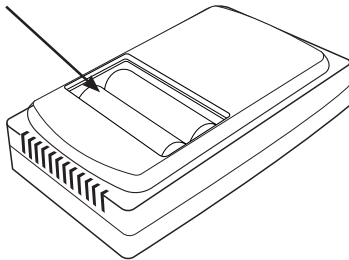


Temporary Wall Mount or Table Placement

- 1 Use the finger tab on the back of the remote to remove the battery door.

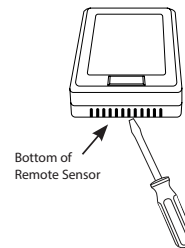


- 2 Once you have removed the door from the back of the remote, insert 2 AA Alkaline batteries and replace the battery door.

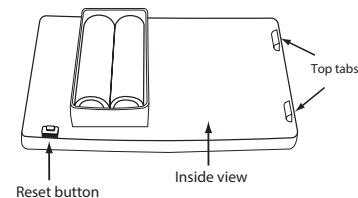


Inserting Batteries for Permanent Wall Mount

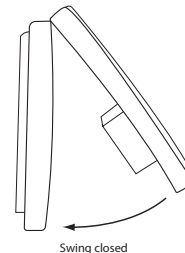
- 1 Remove the remote from the subbase. It is held on the subbase by a plastic tab on the bottom of the remote sensor. Push in with a small flat head screwdriver to remove it from the subbase.



- 2 Once you have removed the remote from the subbase, insert 2 AA Alkaline batteries.



- 3 Attach the remote to the subbase by aligning the two top tabs and then close as shown.

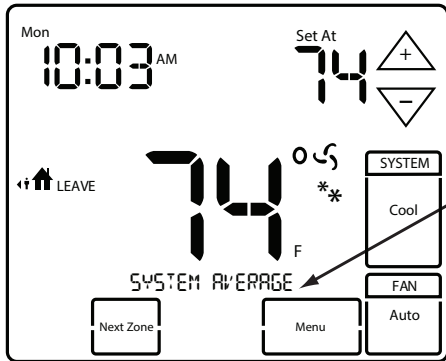


Example of programming a priority for the SLEEP time period:

In this example system we have 1 Thermostat on the main floor and 1 remote in the Master Bedroom on the 2nd floor. During the setup process the remote was named Bedroom 1. During WAKE, LEAVE and RETURN, the program should remain on system average. When on the SLEEP time period during programming, press NEXT ZONE until Bedroom 1 shows. During the SLEEP time period the other remotes in the house will be ignored and the system will be controlled only by the ambient temperature of the remote in the master bedroom. The WAKE, LEAVE and RETURN temperature will be controlled by the system average.

New Features on the Thermostat After a remote is Connected

NEXT ZONE KEY



NEXT ZONE key cycles through ambient temperatures for connected zones.

In this example, the name of the zone currently having priority is **SYSTEM AVERAGE**.

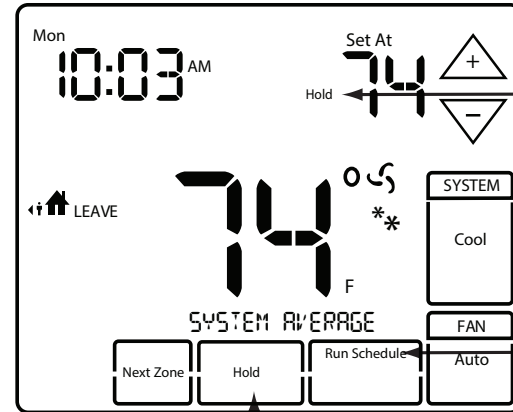
System average is the average of all connected sensors.

Local is the ambient temperature of the **Thermostat**.

The name of the **REMOTE** can be displayed. This shows it has priority.

New Features on the Thermostat After a remote is Connected

THERMOSTAT HOLD (PERMANENT)



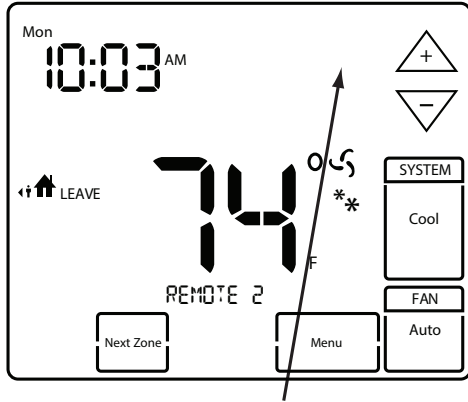
To put the thermostat into hold select system average or the zone you want to hold. Then use the arrows to adjust the setpoint. Then press the **HOLD** key.

HOLD: Indicates the Thermostat is in permanent **HOLD**. A permanent **HOLD** can be active for system average, local, or any **REMOTE**.

Run Schedule: Will cancel any holds and return the system to the program.

New Features on the Thermostat After a remote is Connected

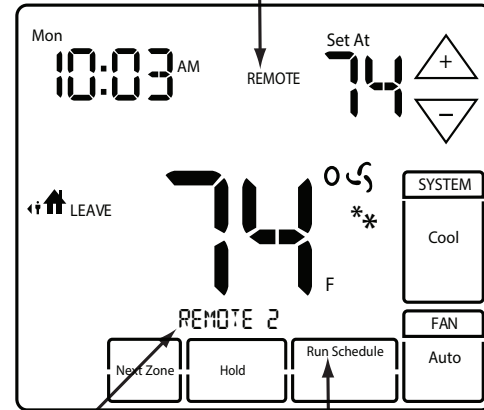
SETPOINT NOT DISPLAYED



Setpoint will only be displayed for the zone currently being used by the program or in hold. Press the or to show the setpoint for adjustment.

TEMPORARY HOLD (4 HOURS)

REMOTE: Indicates the **Master Thermostat** is in hold. The setpoint will now display the temporary override setpoint.



The name of the remote sensor will be displayed. In this example, it is **REMOTE 2**.

Run Schedule: Will cancel any holds and return the system to the program.

Warranty Registration:

Your new thermostat has a 5 year limited warranty. You must register your warranty within 60 days of installation. You can register your new thermostat in 2 ways.

① Go to our company website, select warranty registration and fill out a short registration.

-or-

② Complete the form below and mail it to the address shown.

Warranty Registration

Name: _____ Thermostat Model: _____

Address: _____ Date Installed: _____

==

City: _____ Complete form and mail to:

State: _____ **Thermostat Warranty Registration**

Zip: _____ P.O. Box 3377

Springfield, MO 6580

**Cut Out For
Warranty Registration**



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