PRO1

T955WH

Pro1 Technologies, Inc.
1111 S. Glenstone Ave., Suite 2-100
Springfield, MO 65804

Toll-Free: 888-776-1427   **Web:** www.pro1iaq.com
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.

Una versión española de este
manual puede ser descargada
en al pagina web de la compania

Getting to know your thermostat

Important:
The low battery indicator is displayed when the AA battery power is low. If the user fails to replace the battery within 21 days, the thermostat display will only show the low battery indicator as a final warning before the thermostat becomes inoperable. The batteries are located on the back of the thermostat.

② * Glow in the Dark Light Button

③ Fan Button

④ System Button

⑤ Temperature Setpoint Buttons

⑥ Menu Button

⑦ Humidity Button

*NOTE ABOUT THE LIGHT BUTTON: This button is used to light up the display, but it is also used to set up communication with the base module. DO NOT hold the light button down for more then 10 seconds, unless you are performing the initial communication setup steps.
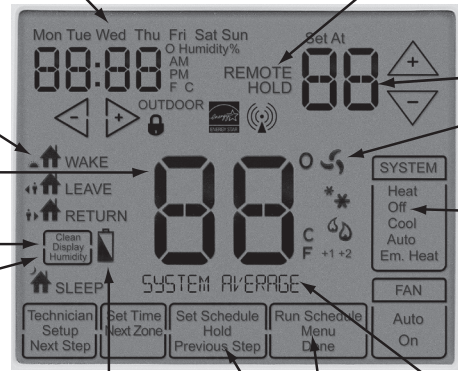
① LCD

Days of the week and time. Flashes ambient humidity level. May also flash outside temperature when used with R250W. OUTDOOR will show.

Programmable Time Period Icons: This thermostat has 4 programmable time periods per day.

Temperature: Indicates the current system temperature.

Humidity: Shows the humidity target setpoint settings and keys.

Clean Display: Pressing CLEAN DISPLAY will allow 30 seconds to clean the display. The keys will be inoperable during this time. CLEAN will appear if your contractor has programmed a filter change reminder. Press CLEAN when filter has been replaced to reset the filter change reminder timer.

Low Battery Indicator: Replace batteries when this indicator is shown.

(•) Wireless Icon

REMOTE indicates a remote has control of the system.

HOLD is displayed when thermostat program is permanently overridden.

Displays the user selectable setpoint temperature.

System operation indicators:

COOL   HEAT   FAN

The COOL, HEAT or FAN icon will display when the COOL, HEAT or FAN is on. NOTE: The compressor delay feature is active if these icons are flashing. The compressor will not turn on until the 5 minute delay has elapsed.

Program Menu Options: Shows different options during programming.

System Information: Shows which zone or zones are controlling your system. Shown only when one or more indoor sensors are connected.
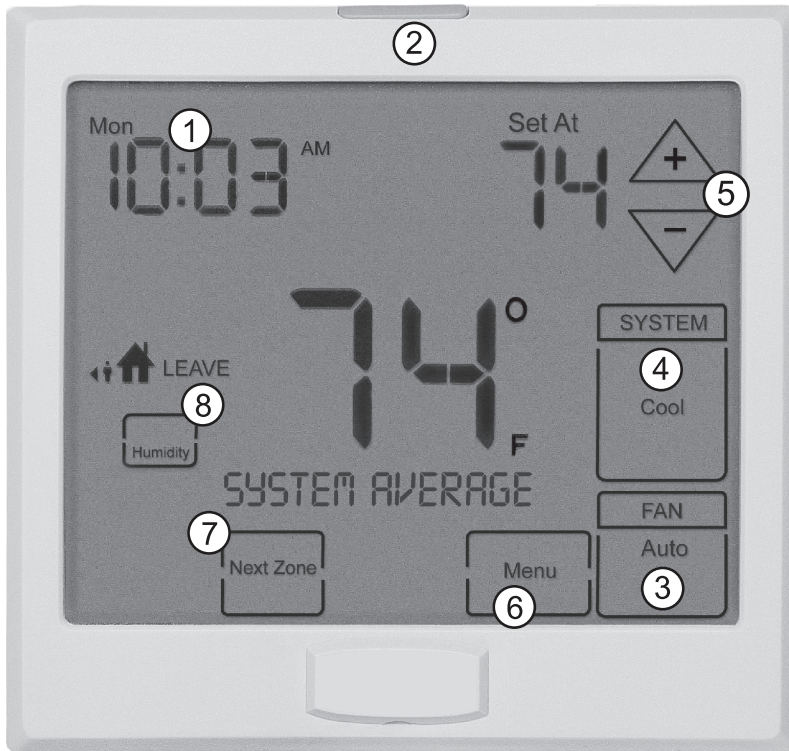
Battery information

On the back of the thermostat insert 2 AA Alkaline batteries (included).

Pull the thermostat directly away from the wall to access the batteries. A firm tug will be required to remove the thermostat from the subbase mounted on the wall.

Easy to use controls

A Note About Auto Changeover:

If in Auto you have the ability to switch between Auto Heat or Auto Cool by pressing the System key. This can be done once the current mode has reached its set-point. For example: if in Auto Heat, the heat setpoint must be satisfied before the thermostat will allow you to switch to Auto Cool. You can switch out the Auto by holding down the System key. To get back into Auto, you must toggle the System key to Auto.

① LCD Display:
See page 2 for details about this display readout and icons.

② Glow in the Dark Light Button:
Press and release the light button to turn on the display light. The glow in the dark light button will self illuminate for several hours after exposure to ambient light. DO NOT hold down the light button for more then 10 seconds. This will break the communication link between the T955WH and the base module.

③ Fan Key:
Select ON or AUTO. The ON key will run the fan continuously. The AUTO key will cycle the fan on only when the heating or cooling system is on.
A Note About Programmable Fan:
The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot and cold spots in your building.

④ System Key:
Selects the operation mode of your HVAC system. Selecting HEAT turns on the heat mode. Selecting COOL turns on the air conditioning mode. Selecting OFF turns both heating and cooling off. Selecting AUTO will turn the HEAT or COOL on as needed.

⑤ Temperature Setpoint Buttons:
Press the + or - buttons to select the desired room temperature.

⑥ Menu Keys:
Use these keys to set up your programming options. Refer to the next page for instructions.

⑦ Next Zone:
This button will appear if optional indoor remotes are present. By selecting NEXT ZONE you can cycle through each of the zones set up during the initial installation.

⑧ Humidity Key:
Use this key to enter the target humidity setpoint screen. Refer to the next page for instructions.

Setting Target Humidity Setpoint

Follow the steps below to change your target humidity setpoint.

> Press the HUMIDITY key
>
> Use the ◁ − or ▷ + key to select the target humidity setpoint.
>
> Press DONE when completed

Note:
The target humidity setpoint is not programmable. Unlike temperature, humidity does not change quickly and should not be programmed.
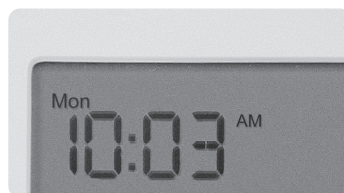
Note:
Humidity is only energized during heat.
Dehumidify is only energized during cool.
Heat and Cool each have their own target setpoints.

HUMIDITY KEY

TARGET HUMIDITY SETPOINT KEYS

Ambient Humidity Display

Ambient humidity will flash opposite the day and time, if the optional outdoor temperature sensor is installed the ambient outdoor temperature will also cycle in the display.

AMBIENT HUMIDITY   DAY & TIME   OUTDOOR TEMPERATURE

Recommended Heating Settings:

Increasing Humidity

The table on the right shows recommended indoor humidity levels in relation to outdoor temperatures during heating (adding humidity).

Outside Temperature (0°F)	Recommended Relative Humidity
+20º and above	35% to 40%
+10º	30%
0º	25%
-10º	20%
-20º	15%

Recommended Cooling Settings:

Consult your professional HVAC technician for recommended settings for your climate.

⚠ **Important:**
You will see a **TECHNICIAN SETUP** option after the **MENU** key is pressed.

This **TECHNICIAN SETUP** key is for installer configuration and should **NOT** be changed unless you consult your Professional Heating and Air Conditioning Technician.

⚠ **Keypad Lockout Note:**
If 🔒 appears in display then the keypad is locked. All or some of the keys will not work. Hold the ⊿+ and ▽ keys for 3 seconds to remove the lock.

A Note About Programmable Fan:
The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot & cold spots in your building.

Set Time

Follow the steps below to set the current time:

1. Press MENU

2. Press SET TIME

3. Day of the week will be flashing.
   Use the ⊿+ or ▷- key to select the current day of the week.

4. Press NEXT STEP

5. The current hour is flashing.
   Use the ⊿+ or ▷- key to select the current hour.
   When using 12-hour time, make sure the correct a.m. or p.m. choice is selected.

6. Press NEXT STEP

7. Minutes are now flashing.
   Use the ⊿+ or ▷- key to select current minutes.

8. Press DONE when completed

Set 5+1+1 Program Schedule

To customize your 5+1+1 program schedule, follow these steps

Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** key.
   Note: You have to program heat and cool each separately.

2. Press **MENU**

3. Press **SET SCHED**. Note: Monday-Friday is displayed and the **WAKE** or **OCCUPIED** icon is shown.
   You are now programming that time period for the weekday setting.

Additional step if indoor remote sensor is connected.

The master thermostat will either average all sensors (system average) or only use one sensor for the system ambient temperature (priority). The default setting is **SYSTEM AVERAGE** , which means all sensors are averaged to create the system average ambient temperature reading. The **NEXT ZONE** key can be pressed to change the priority. The system information area of the display shows the priority.
For Example: There is a remote connected and it is named **REMOTE 1** . If the **NEXT ZONE** key is pressed until **REMOTE 1** is shown, then the **REMOTE 1** ambient temperature reading will be used exclusively for that time period. All other sensors will be ignored.

---

4. Time is flashing. Use the $\boxed{-}$ or $\boxed{+}$ key to make your time selection for that weekday time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** key.

5. Press **NEXT STEP**

6. The setpoint temperature is flashing. Use the $\triangle{+}$ or $\triangledown{-}$ key to make your setpoint selection for that weekday period.

7. Press **NEXT STEP**

8. Repeat steps 4 through 7 for other weekday time periods.

Saturday:

9. Repeat steps 4 through 7 for Saturday time periods.

Sunday:

10. Repeat steps 4 through 7 for Saturday time periods.

Set 7 Day Program Schedule

To customize your 7 day program schedule, follow these steps:

Monday

1. Select **HEAT** or **COOL** using the system key. You have to program heat and cool each separately.

2. Press **MENU**

3. Press **SET SCHED** Note: Monday-Friday is displayed and the **WAKE** or **OCCUPIED** icon is shown. You are now programming that time period for the weekday setting.

> ### Additional step if indoor remote sensor is connected.
>
> The master thermostat will either average all sensors (system average) or only use one sensor for the system ambient temperature (priority). The default setting is **SYSTEM AVERAGE** , which means all sensors are averaged to create the system average ambient temperature reading. The **NEXT ZONE** key can be pressed to change the priority. The system information area of the display shows the priority.
> For Example: There is a remote connected and it is named **REMOTE 1** . If the **NEXT ZONE** key is pressed until **REMOTE 1** is shown, then the **REMOTE 1** ambient temperature reading will be used exclusively for that time period. All other sensors will be ignored.

4. Time is flashing. Use the [−] or [+] key to make your time selection for that days time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** key.

5. Press **NEXT STEP**

6. The setpoint temperature is flashing. Use the [+] or [−] key to make your setpoint selection for that days time period.

7. Press **NEXT STEP**

8. Repeat steps 4 through 7 for other weekday time periods.

Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Repeat steps 4 thru 7 for the remaining days of the week.

Next Zone (Only if Indoor Remote is connected)

The **NEXT ZONE** key cycles through all sensors connected to your wireless system.

SYSTEM AVERAGE shows the average ambient temperature of all connected sensors.

LOCAL shows the ambient temperature of the thermostat only.

The name of the remote sensors will show and the ambient temperature for that sensor only will be displayed.

For more information, see the Indoor Remote Sensor User Guide.

Temporary and Permanent Hold Feature

Temporary hold: The thermostat will display **HOLD** and **RUN SCHEDULE** on the bottom of your screen when you press the ⬆ or ⬇ key. If you do nothing, the temperature will remain at this setpoint for four hours. Your program setpoint will then replace your temporary setpoint.

Permanent hold: If you press **HOLD** key at the bottom of your screen, you will see **HOLD** appear below the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the ⬆ or ⬇ keys.

To return to program: Press the **RUN SCHEDULE** key at the bottom of your screen to exit either temporary or permanent hold.

Filter Change Reminder

If your installing contractor has configured the thermostat to remind you when the air filter needs changed, you will see **FILT** in the display when your air filter needs changed. **FILT** will be shown in the display after your system has run long enough to require an air filter change.

Resetting the filter change reminder: When **FILT** reminder is displayed, you should change your air filter and reset the reminder by pressing the **CLEAN** key for 3 seconds. **FILT** will leave the display when reset.

Hold down **CLEAN** for 3 seconds, to reset filter reminder.

Warranty Registration

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 comapny website select warranty registration and fill out a short registration form.

- or -

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

- -

Warranty Registration:

Name: _____

Address: _____

_____

City: _____

State: _____

Zip: _____

Thermostat Model: _____

Date Installed: _____

Complete form and mail to:

Warranty Registration
1111 S. Glenstone
Suite 2-100
Springfield, MO 65804