SIEMENS

Quick Reference
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Wireless Room Temperature Sensor (WRTS) Overview

The Wireless Room Temperature Sensor (WRTS) works with the building's environmental controls to regulate temperature for a specific area. Three WRTS models are available: Sensing Only, Sensing with Display, and Full-featured—Sensing with Display, Override, and Setpoint.

NOTE:
The RJ-11 jack on the bottom of the WRTS is for building system tools only. Do not plug a phone into the WRTS. (It is normal for tool communications to seem slow through the WRTS. For faster communications, use the TLX instead.)

Operation

The full-featured WRTS has a display and buttons that you can use to view and change WRTS information.

NOTE:
To conserve battery power, the WRTS may be configured so its display turns on only after a button is pushed. After about five seconds, the display will turn off, unless a button is pushed again.

Viewing the Current Temperature

If the WRTS display is off and you want to view the current temperature reading, press any of the buttons once. The current temperature displays for about five seconds.

Viewing and Changing the Setpoint

The setpoint is the target temperature for an area. To view or change the setpoint :

1. Push the **+** or **–** button once (twice if the display is off) to view the current setpoint.
2. If you want to change the setpoint, push the **+** or **–** button until you see the temperature you want.

Overriding the Occupancy Mode

The Occupancy mode determines the settings used to heat or cool an area. The WRTS shows whether the area is in Occupied or Unoccupied mode. Building control systems use Unoccupied mode to conserve energy when an area is not being used.

You can override the Occupancy mode and request Occupied mode when you are using an area outside of normal operating times, such as at night or during the weekend. To temporarily override the system and change an area from Unoccupied mode to Occupied mode:

➢ Push the button once (twice if the display is off).

The Occupancy mode icon on the display panel blinks while the request is communicated to the building control system, and then displays to indicate the area is set for Occupied mode.

Battery Replacement

Typically, the WRTS battery should last about five years. However, this can vary depending on WRTS usage and activity.

Required Tools

- 1/16” hex key
- small flat-blade screwdriver
- 3.6V lithium AA battery

CAUTION:
Be sure to replace the battery with the recommended 3.6V AA lithium battery, SAFT: LS14500BA. These batteries are commonly available at Batteries Plus and other battery distributors.

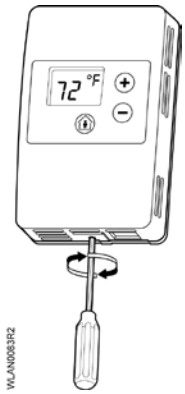

Figure 1. Step 1.

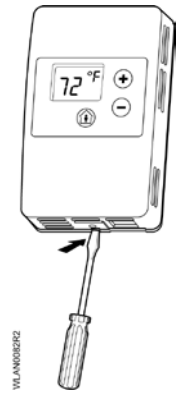

Figure 2. Step 2.

Replacing the WRTS Battery

1. Use a 1/16” hex key to turn the safety set screw clockwise one or two revolutions (see Figure 1) to tighten the screw and unlock the cover from the base plate.
2. Use a small flat-blade screwdriver, or similar item, to push up and backwards on the base plate at the small rectangular cutout (see Figure 2).
3. Starting at the bottom, lift the cover away from the base plate.
4. Replace the battery.
5. Hook the cover onto the top latches of the base plate, and then push the cover to the base plate until it latches.
6. Turn the safety set screw counterclockwise one or two revolutions to loosen the screw and lock the cover to the base.

   NOTE:
   Do not loosen the screw too far as it can be completely removed from the base.
7. Push either the **+** or **–** button once (or twice if the display is off) to verify the setpoint, which displays next to the icon.

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