

WIRELESS WATER SWITCH

RSA-500-100 Switch Kit Operation & Installation Instructions

While the benefits of the RS-360 Wireless Plumbing Leak Protection System are hard to overstate, some users additionally want the finality that comes with actively shutting down the water main when they know their home or facility will be unoccupied for a long period of time. The RSA-500-100 Wireless Water Switch Kit includes everything needed to do just that via a simple flip of a wall switch. This particular switch is powered by kinetic energy and does not require power at the switch or electrical wiring to the RS-360 receiver.

Note that when the RSA-500-100 Wireless Water Switch Override is active (On/Closed), normal RS-360 leak detection and low temperature monitoring capabilities will be deactivated. Installation of the 12V gel cell battery at the RS-360 receiver is required for this accessory to operate. Benefits include:

- Place the wall switch in a convenient location – no more running up and down stairs to turn the water off and back on.
- Leak detection monitoring when you need it and the ultimate certainty that the water is turned off at your fingertips.
- With wireless kinetic energy powering switch operation, there is no need to run electrical wiring between the Water Switch and the RS-360 receiver.



Wireless Water Switch Kit (RSA-500-100) includes:

- (1) Wireless transmitter wall-mount rocker pad (white)
- (1) Wireless kinetic energy receiver (EnOcean® HVAC setback unit)

Wireless Water Switch Kit Installation Instructions

1. Disconnect AC power to the RS-360 receiver.
2. Loosen and remove the (6) face plate screws on the RS-360 receiver and carefully remove the receiver face plate. Disconnect power to the 12V battery.
3. On the receiver's printed circuit board (PCB), locate the four (4) pins labeled EnOcean Interface (see Figure 1).
4. Wire the HVAC setback unit to the receiver PCB as follows:
 - a. Connect the red wire to Pin 1 (+16V).
 - b. Connect the black wire to Pin 2 (GROUND).
 - c. Connect one of the yellow wires to Pin 3 (WALL SWITCH).
 - d. Connect the other yellow wire to Pin 4 (GROUND).
5. Re-connect the 12V battery power to the RS-360 receiver.
6. With battery power supplied to the receiver, pair the rocker pad to communicate with the HVAC setback unit:
 - a. Hold down both levers on the back on the HVAC setback unit until their corresponding LEDs light (approx. 2 seconds).
 - b. On the rocker pad, press the top button three (3) times quickly. Observe the HVAC setback unit LEDs light solid green for three (3) seconds.

- c. Confirm proper operation of the RS-360 valve by pushing the rocker pad On (Closed valve) and Off (Open valve).

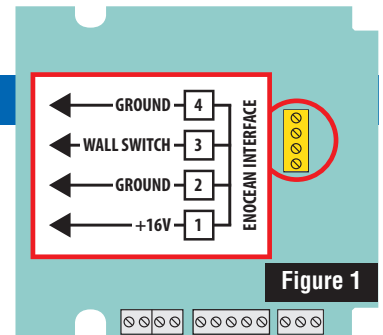


Figure 1

7. Carefully reinstall the receiver plate back onto the RS-360, taking care to place the HVAC setback unit away from any electrical components and clear of the 12V battery. Be sure that no lead wires or cables bind or catch in the seat of the face plate. All wires should exit the receiver via the opening provided.
8. Mount the rocker pad where it is easily accessible and within wireless range (typically within 80' of the receiver). *Note: No electricity is required to power the Rocker Pad.*
9. Confirm that the rocker pad correctly controls the RS-360 valve.

You can now wirelessly control the closing and opening of the RS-360 Water Main Valve.



Note that the signal to close the valve via the rocker pad will temporarily disable the leak and low temperature detection functionality of the RS-360 until the valve is re-opened via the rocker pad. Once the valve is opened via the rocker pad, the system will automatically resume normal monitoring and automatic response capabilities.

