

HARD-WIRED WATER SWITCH

RSA-500-050 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-500-050 Hard-Wired Water Switch Kit includes everything needed to do just that via a simple flip of a wall switch.

Note that when the RSA-500-050 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.

Water Switch Kit (RSA-500-050) includes:

- (1) Single-pole 15A wall switch and wall plate (white)
- (1) Electrical box for wall switch (not shown)
- (1) 25' 22 AWG, 2-conductor wire (not shown)



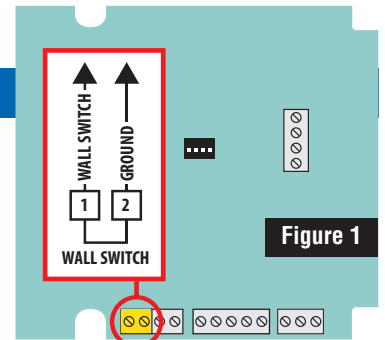
Hard-Wired Water Switch Kit Installation Instructions

1. Disconnect AC power to the RS-360 receiver.
2. Following all local electrical codes, mount the Water Switch and plate where desired.
3. 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.
4. On the RS-360 receiver's printed circuit board (PCB), locate the terminal block labeled Wall Switch (see Figure 1).
 - a. Connect the wires as follows:
 - i. Wire Terminal Pin 1 to the upper pin on the Water Switch.
 - ii. Wire Terminal Pin 2 to the lower pin on the Water Switch.

(NOTE: Wire color does not impact the operation of the system. Follow all local electrical codes. Reliance Detection Technologies recommends standard 22 AWG, 2-conductor wire. Maximum recommended wire length is 60 feet.)

5. Carefully connect the receiver battery cables to the 12V battery (red to red and black to black) and replace the receiver plate back onto the RS-360. Take care 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.
6. Reconnect AC wall power to the RS-360 receiver.
7. Confirm that the Water Switch opens and closes the RS-360 valve. *NOTE: On = Closed valve; Off = Open valve.*

You can now control water flow via the Water Switch.



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

