

554-7 Wireless Remote Transmitter & Receiver Kit 554-8 Wireless Transmitter Button

Plant I.D. 001-4225

EFFECTIVE: September 1, 2014

Model #: 554-7 Wireless Remote Transmitter & Receiver Kit

Kit Includes:

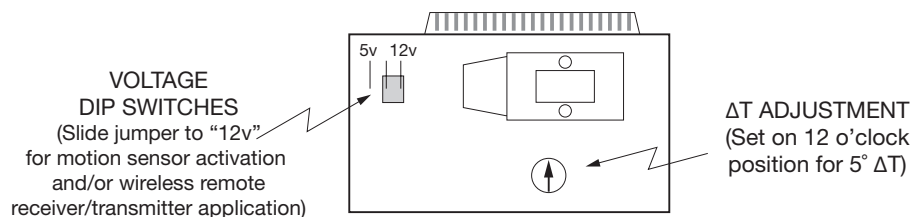
- 1 Remote Receiver
- 3 Wire Nuts
- 1 Remote Transmitter Button



INSTALLATION INSTRUCTIONS

1. The remote receiver is the small black rectangular box with three protruding wires (white, black, green). Connect the white, black, and green wires from the remote receiver directly to the corresponding white, black, and green wires on the circulator control box by twisting each same colored wire together with the wire nuts provided.
2. When installing the remote receiver under a sink, mount the remote receiver toward the front of the cabinet (transmitter range is about 70'). If the transmitter button will activate the pump from a short distance, but not from further away, the receiver may need to be relocated for better reception. Strapping the receiver to the front of the drain trap facing outward will optimize reception.
3. **Troubleshooting Note**
If the circulator does not start when the remote receiver is properly wired to the circulator and mounted, follow the steps below to ensure the electronic control board is set to the correct voltage.
 - I. Unplug the circulator from the power outlet.
 - II. Remove the circulator electrical box cover and carefully remove the electronics control board from terminal strip.
 - III. Turn control board over and locate voltage dip switches in top left corner of board. (Refer to diagram).
 - IV. Slide off the Jumper from the connector pins marked "5v" and slide on to the connector pins marked "12v."
 - V. Insert control board firmly into terminal strip and replace electrical box cover.

CONTROL BOARD



4. **NOTE: The remote transmitter button included with the remote is synced for use. It does not need programming.**
5. For additional Wireless Remote Transmitter Buttons, use model 554-8.

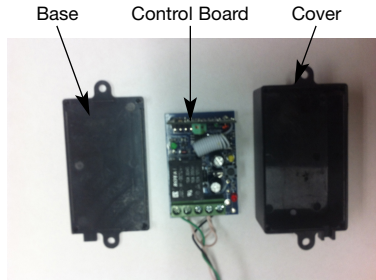
Model #: 554-8 Wireless Remote Transmitter Button

Includes: 1 Remote Transmitter Button

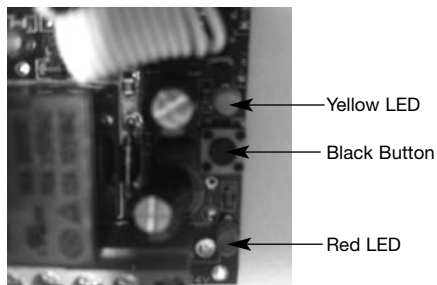
NOTE: The remote transmitter button is provided with a “coin” type lithium battery installed in the remote transmitter and is ready for programming. 554-8 Remote Transmitters purchased separately must be synced with the remote receiver.

PROGRAMMING INSTRUCTIONS

1. Unplug the circulator from the 115V wall outlet.
2. Remove the remote receiver cover (rectangular black box wired to the circulator) separating the top cover from the base plate. A small straight tip screw driver may be used if necessary. Lift the control board out from the case.



3. Plug the circulator back into the 115V wall outlet. Circulator will auto-matically turn on and operate until hot water is detected at the circulator temperature sensor.
4. A red LED will light on the remote receiver electronic control board once the circulator is plugged into the wall outlet. The remote receiver must be powered with the red LED on to properly sync remote receivers.
5. Next to the red led is a small black button. Press and hold black button until yellow led lights. Release black button. While yellow led is on, press and hold the 554-8 remote transmitter button until the yellow led blinks then release the 554-8 button. The remote transmitter button is now synced and ready to operate.



6. Place the control board back into the remote receiver cover and reinstall the cover by aligning the four plastic posts on the base with the four holes in the cover. Make sure the white wire is properly inserted into the cover cutout. Gently snap the cover and base together.
7. To de-link a wireless remote transmitter button from the remote receiver:
 - I. Turn on the power to the pump.
 - II. Open the receiver case.
 - III. Press and hold the button until the yellow led turns on, blinks and then turns off (approximately 5 seconds).

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