

INTERMATIC® RC SERIES REMOTE-CONTROLS

INSTALLATION OPERATION & SERVICE MANUAL

Model: RC939 THREE-CHANNEL RADIO TRANSMITTER

For indoor and outdoor use, suitable for Pool/Spa equipment control

BATTERY TYPE: 3 Volt CR2032 Coin Battery



! WARNING Risk of Fire or Electric Shock!

- Always keep remote-controls out of reach of children. NEVER permit children to operate or play with remote-controls.
- DO NOT recharge, disassemble, heat above 212° F (100° C) or incinerate.

! WARNING Risk of Injury

- Do NOT permit children to operate the Control Unit or use the Pool/Spa unless they are closely supervised at all times.

NOTICE

- Replace ONLY with 3 Volt CR2032 coin battery.

NOTICE

To comply with FCC and or Industry Canada rules (IC), adjustment or modifications of this receiver and/or transmitter are prohibited, except for changing the code setting or replacing the battery. THERE ARE NO OTHER USER SERVICEABLE PARTS. Tested to comply with FCC Standards for Home or office use. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

DESCRIPTION

The RC939 Radio Transmitter is used to control Intermatic model RC613 series radio receivers. In order for the transmitter to function, it must first be linked to an RC613 series receiver. The transmitter can then operate the receiver to provide remote ON/OFF control of devices connected to the receiver.

INITIAL SETUP

Verifying Receiver Operation

Before linking the transmitter to your receiver, perform this procedure to verify that the RC613 receiver is operating properly.

1. Press the red button on the receiver multiple times. The receiver will click and the connected device will turn ON and OFF to indicate the receiver is working and is wired properly.
2. If the receiver does not click when pressing the red ON/OFF button, make sure there is 120 VAC power to the receiver module.
3. If the receiver module clicks but the connected device doesn't operate, make sure the connected device is functional and is correctly wired to the receiver module.

Linking an RC939 Transmitter Button with the RC613 Receiver

NOTE: The transmitter must be within 6 feet of the receiver during setup.

1. On the remote (RC939), use a paper clip to press and release the button on the lower right-hand side. The red LED on the remote should be solid red now.
2. On the receiver (RC613), press and hold the blue CODE SET button for 3 seconds. See Figure 3.
3. Now, with one-second intervals, tap the button that you want to program on the remote repeatedly until you hear the relay click inside the receiver. (Press at **least** 7 times)
4. Now press a different button on the remote to save your setting. (Red LED should go out)
5. Test the button you just programmed. If it is not working, make sure the red LED on the remote is off and go back to step 1.

Note: To clear any existing codes, press and hold the blue CODE SET button on the receiver for 20 seconds, then release. (This will eliminate all stored codes)

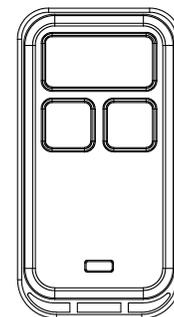


Figure 1 RC939 Radio Transmitter

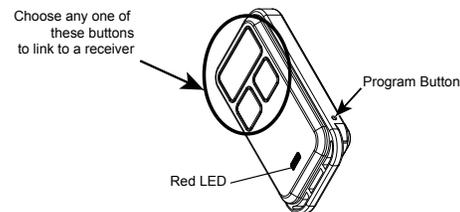


Figure 2 Side view of transmitter

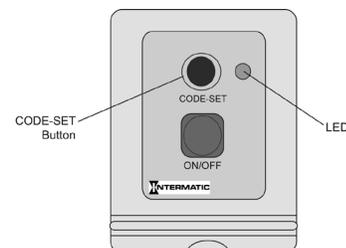


Figure 3 RC613 Receiver

Linking Multiple Transmitters with a Receiver

Up to three different transmitters can control a receiver. Follow steps 1 through 5 of Linking an RC939 Transmitter Button with the RC613 Receiver.

OPERATION

How to Use the Radio Transmitter

Once you setup the required links between the transmitter(s) and receiver(s), you are ready to use the transmitter. Press the configured button on the transmitter to turn the connected device ON/OFF.

NOTE: The usable operation range for the transmitter is 100 feet.

The transmitter linking that was configured at Initial Setup can be revised as needed. Follow the applicable instructions below to revise the transmitter/receiver linking.

Excluding a Transmitter Button Link from a Receiver

Follow this procedure to exclude a transmitter button from a receiver:

1. With a stylus or paper clip, press the button on the side of the transmitter until the red LED illuminates.
NOTE: See Figure 2 for location of the button and LED.
2. Momentarily press the configured ON/OFF button on the transmitter that you want to exclude from the receiver.
3. Momentarily press one of the other buttons on the transmitter. The red LED on the transmitter turns OFF.
4. Momentarily press the button you wanted to exclude to verify it no longer controls the receiver. The button is now excluded.

Deleting All Links from a Receiver

To delete all links from a receiver, press and hold the Code-Set button for 20 seconds. All the codes are deleted from the receiver and all links between the transmitter(s) and the receiver are deleted.

Changing the Transmitter Battery

Follow this procedure to remove or change the transmitter battery.

1. Insert a wide flat screwdriver into the slot on the side of the transmitter and remove the cover.
2. Replace the CR2032 lithium coin type battery inside the transmitter.
NOTE: Make sure the new battery's + terminal is facing away from the circuit board on the transmitter.
3. Snap the cover onto the transmitter.

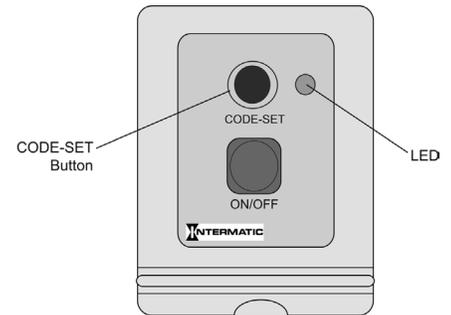


Figure 4

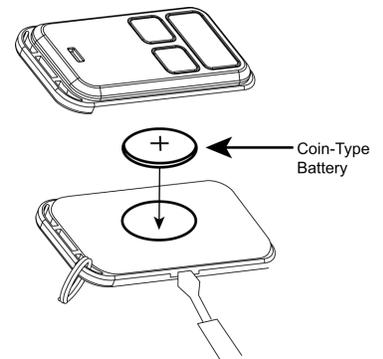


Figure 5 Removing transmitter cover

LIMITED ONE-YEAR WARRANTY

If within the warranty period specified, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

INTERMATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at www.intermatic.com. This warranty is made by: Intermatic Incorporated, Customer Service 7777 Winn Rd., Spring Grove, Illinois 60081-9698. For warranty service go to: <http://www.intermatic.com> or call 815-675-7000.

INTERMATIC INCORPORATED
Spring Grove, IL 60081-9698
www.intermatic.com