



## INSTALLATION OPERATION & SERVICE MANUAL

# THREE CHANNEL RADIO TRANSMITTER

Model: RC939

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

**BATTERY TYPE: 9 Volt**

### IMPORTANT SAFETY INSTRUCTIONS

1. THIS DEVICE COMPLIES WITH FCC RULES PART 15. Operation of this device is subject to the following two conditions:  
A. This device may not cause harmful interference. B. This device must accept any interference that may be received, including interference that may cause undesired operation. FCC rules prohibit adjustments to or modification of receiver and transmitter circuitry except for replacing the remote control battery. **THERE ARE NO OTHER USER SERVICEABLE PARTS.**
2. This Control should not operate any equipment which would cause bodily injury or property damage should it be activated unexpectedly.
3. In case this Transmitter is used to control pool/spa equipment, do not permit children to use the pool/spa unless they are closely supervised at all times.

**READ, FOLLOW AND SAVE THIS INSTRUCTION MANUAL**

### GENERAL INFORMATION

This Radio Transmitter is an FCC (Federal Communication Commission) regulated device and operates on 390 megahertz frequency. It is one half of a two part remote control system, specially designed for switching indoor or outdoor equipment like pumps, lights and other electric devices typical around a house or farm.

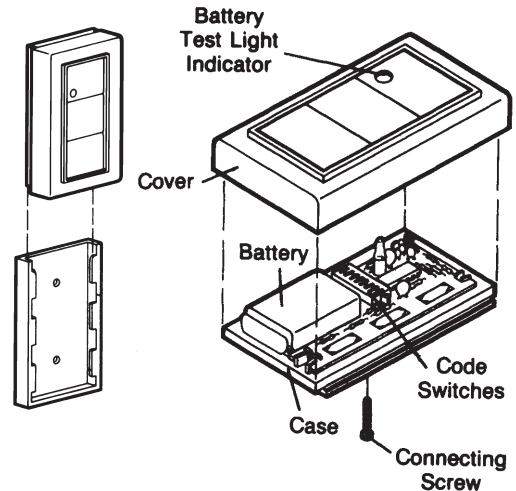
By the push of a button on the face of this Transmitter, the user is able to turn ON/OFF a piece of equipment connected to the Receiver - the other half of the system. The Receiver must be an Intermatic model RC600 Series single channel Receiver Module. One Transmitter is capable of operating up to three such Modules from any remote location, inside or outside of the house safely and conveniently.

The normal (open field) range of the system is 100 feet, but the actual range may be more or less depending on factors like the age of the battery, proximity of large metal objects, the location of the receiver and the environmental conditions at the time of transmission.



## SPECIFICATIONS AND OTHER INFORMATION

1. Radio Transmitters and Receivers are sensitive to heat. Avoid mounting them above heaters or air conditioners and avoid installing in direct afternoon sunlight.
2. This Transmitter is not waterproof.
3. The higher the Receiver Module, the longer its range. For good range and reliable reception, make sure Modules are mounted as high as practical above ground level with antenna at top.
4. Environmental conditions could affect the operation of the Remote Control System. For example, in rain the range may be less than normal.
5. To prevent electronic interference, install Receiver Modules as least 3 feet apart.



## OPERATION

### A. To Set Code

Receiver Modules have the capacity to “learn” and remember a unique code generated by a Transmitter. The Transmitter will operate only the designated one or more Receivers simultaneously. In addition, each Transmitter can “teach” and operate up to three different Receivers. Also, more than one Transmitter can be assigned to operate the same Receivers.

1. Turn ON the main power to the Receiver and manually operate the load a few times, then turn load OFF.
2. Holding the transmitter close to the Receiver Module, press and hold the push-button you choose to operate that particular Module. The red LED INDICATOR SHOULD NOW BE LIT.
3. Press the ‘CODE SET’ button on the face of the Receiver Module until the green light next to the button flashes ONCE (about one second).
4. Code setting is now complete. Release the Transmitter button and test installation by pressing

repeatedly on the chosen transmitter button. The load should cycle ON/OFF, if not, repeat steps 2 and 3 above.

5. To add another receiver module and have them operate TOGETHER, repeat the above procedure on the next receiver module holding down the SAME transmitter button in step 2. Hold down a DIFFERENT transmitter button to have them operate independently.

To erase all memorized codes, press and hold CODE SET button on Receiver Module, until the green indicator light alongside goes out (in about 6 seconds).

To operate a Receiver Module with more than one transmitter, set master code switch, next to the battery in Transmitters to the same setting.

To Change Battery: Remove connecting screw in transmitter case. Set aside top of case and discard old battery. Snap connector onto new battery. Replace the top of case and the connecting screw.

### 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, the unit free of charge. This warranty applies only to the original purchaser and is not transferable. This warranty does not apply to: (a) damage caused by accident, abuse, mishandling, dropping, 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. Some states do not allow a limitation of damages, so the foregoing limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state.

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This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/ After Sales Service, 7777 Winn Rd., Spring Grove, IL 60081-9698/815-675-7000 <http://www/intermatic.com> Please be sure to wrap the product securely when mailing to avoid shipping damage.

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