



INSTALLATION OPERATION & SERVICE MANUAL

FOUR CHANNEL RADIO TRANSMITTER

Model: RC949

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.

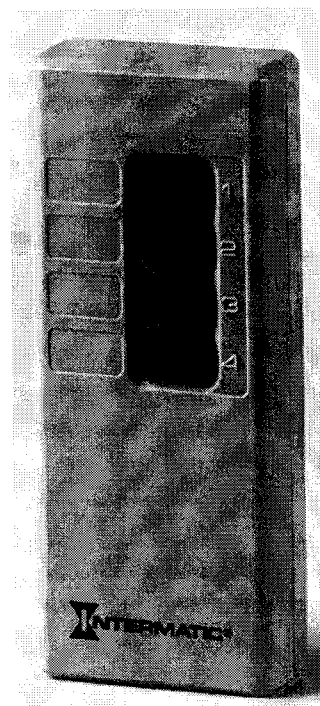
READ, FOLLOW AND SAVE THIS INSTRUCTION MANUAL

GENERAL INFORMATION

This Radio Transmitter is an FCC (Federal Communication Commission) regulated device and operates on 418 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.

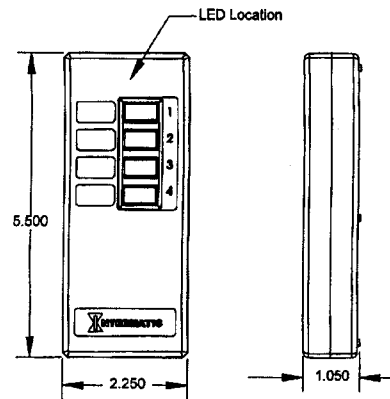
By the push of a button on the face of this Transmitter, the user is able to turn ON/OFF a piece of equipment connected to the Receiver - the other half of the system. The Receiver must be an Intermatic model RC700 Series Receiver Module. One Transmitter is capable of operating up to four such Modules from any remote location, inside or outside of the house safely and conveniently.

The maximum (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. 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**.
3. Environmental conditions could affect the operation of the Remote Control System. For example, in rain the range may be less than normal.
4. To prevent electronic interference, install Receiver Modules at 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 four different sets of Receivers.

1. Install battery by removing (4) screws in back of Transmitter case and remove battery compartment cover. Snap connector onto new battery. Replace cover and tighten screws firmly.
2. Erase all memorized codes by pressing and holding the CODE SET button on the Receiver Module until the colored indicator light alongside goes out (in about 6 seconds).
3. Turn ON the main power to the Receiver and manually operate the load a few times, then turn load OFF.
4. Holding the Transmitter close to the Receiver Module, press and hold the pushbutton you choose to operate that particular Module. The red LED indicator should now be lit.
5. Press the "CODE SET" button on the face of the Receiver Module until the colored light next to the button flashes ONCE (about one second).
6. 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.
7. 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.

WARRANTY

If within one (1) year from the date of installation, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it free of charge.

The warranty does not cover labor for removal or reinstallation and does not apply to: (a) damage caused by accident, abuse, mishandling, or dropping; (b) a unit which has been subject to unauthorized repair; (c) units not used in accordance with directions; (d) damages exceeding the cost of the product. Some states do not allow a limitation of damages so the foregoing warranty may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty service is available, if the defective product or its defective component is returned with proof of purchase and date of installation, either (a) to the dealer from whom the unit was purchased or (b) by shipping prepaid to the Intermatic Service Center, Intermatic Incorporated, Intermatic Plaza, Spring Grove IL 60081-9698.

Because of our commitment to continuing research and improvements, Intermatic Incorporated reserves the right to make changes, without notice, in the specifications and material contained herein and shall not be responsible for any damages, direct or consequential, caused by reliance on the material presented.

INTERMATIC INCORPORATED, SPRING GROVE, IL 60081-9698
<http://www.intermatic.com>

158RC10580

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.