



## Innovative Lighting Dual Remote Control System

The Innovative Lighting Remote Control system is designed to work with lights that when combined, draw less than 5 amps from a distance of 50 yards. Anyone who had boarded or de-boarded a boat or trailer at night will recognize the importance of being able to remotely turn on or off your boat and trailer lights. The receiver works with Innovative Lighting products or other lights, which will make boarding and de-boarding in the dark a thing of the past. Each remote control system is unique and will not work with other systems. In the event of a lost transmitter (fob), the replacement fob can be programmed to work with the installed receiver.

The system is composed of two units, a transmitter (fob) and a receiver.

The receiver is mounted in the boat or trailer, and the floatable remote transmitter (fob) is carried with the operator. The receiver operates on 12 volt DC systems. The receiver is capable of switching 5 amps and has a standard automotive in line 10-amp fuse for protection. The receiver can be used with up to four transmitters.

The fob has two buttons, which control two different lights. Both buttons are working as an on/off button. Press this button and the light or lights attached to the remote are turned either on or off. Additional fobs are available and can be programmed by the consumer to work with the existing receiver.

### INSTALLATION:

Mount the receiver in a covered area and preferably close to the 12-volt power supply. Mount it with the open areas pointing down so that water cannot enter the receiver. The unit mounts with four screws, which are not included, as mounting areas vary. Do not mount it next to electric motors or appliances. The red wire with the in line fuse is connected to the positive (+) side of the power supply. The black wire is connected to the negative (-) side of the power supply. The two yellow wires (F1 button) and two green wires (F2 button) are connected to the two separate light source terminals you wish to light.

### NOTE:

1. The remote control system (receiver and transmitter (fob) is programmed before shipping and requires no additional programming.
2. The receiver can be used with up to four transmitters.
3. If you loose the transmitter or obtain additional remote units, please follow the instructions below to program the new transmitter/transmitters.

### PROGRAMING AN EXTRA REMOTE TRANSMITTER:

This instruction is if you wish to use two remotes to control the same receiver. To do this, you must **RE-PROGRAM** the original remote along with the extra unit.

1. With power turned on, unplug the jumper from the receiver. The jumper is located on the printed circuit board and can be accessed through the open area on the side of the receiver. To unplug the jumper, pull it straight out. It may be necessary to use a long nose pliers to grasp and remove it.
2. Turn the receiver power off for a minimum of 5 seconds and then turn the power back on. At this time the light/lights connected to the receiver will only be on for 5 to 6 seconds before they go off. The remote controls must start to be programmed while the light/lights are on. Please note that it does not matter which remote is programmed first.
- \*3. Press one of the buttons on either the original or the extra remote control once; it can be either button. The light/lights will flash twice.
- \*4. Press one of the buttons on either the original or the extra remote control for the second time; it can be either button. The light/lights will flash three times.
- \*5. Press one of the buttons on either the original or the extra remote control for the third time; it can be either button. The light/lights will flash four times.
6. Press one of the buttons on either the original or the extra remote control for the fourth time; it can be either button. The light/lights will go off.  
*\*=Please Note: You will have to press one of the buttons on both the original and new remote at least once to make both of them functional for the same receiver while programming from step 3 to step 5.*
7. The new and the original remote unit are now programmed to work with the receiver.
8. Replace the jumper that you removed in step one.
9. The unit is now ready for operation.

### PROGRAMING EXTRA REMOTE TRANSMITTERS:

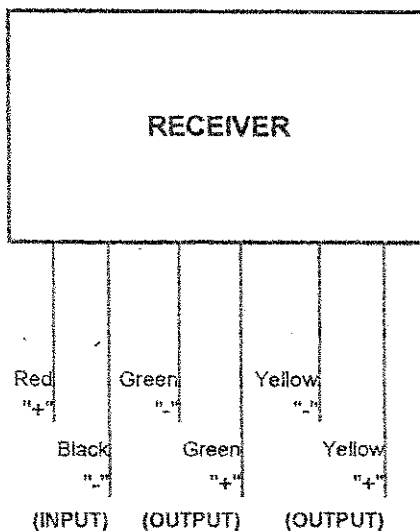
This instruction is if you wish to use three or four remotes to control the same receiver. To do this, you must **RE-PROGRAM** the original remote along with the extra units.

1. Repeat steps one through 9 above.
2. *Please Note: You will have to press one of the buttons on the original and new remotes at least once to make all of them functional for the same receiver while programming from step 3 to step 5.*

### Innovative Lighting Part Numbers:

Dual 5 Amp Remote System: 590-0000-1

Replacement Transmitter (fob): 590-9900-1



GROUND WIRES: black "-"  
green "-"  
yellow "-"

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