



# MODEL 550105

## REMOTE CONTROLLER



## INSTALLATION AND OPERATING INSTRUCTIONS

REV 09/16  
99-55285

# **ELECTRICAL CONNECTIONS**

**WARNING: Never operate the wireless remote from outside the boat**

## **The RECEIVER:**

This **receiver** is designed to operate from any standard 12 volt battery.

1. Connect the ring terminal leads from the **receiver** to the battery. Connect the red lead to the positive (+) terminal and the black lead to the negative (-) terminal.
2. Connect the receiver two prong molded plug connector to the two prong connector of the motor that you are going to operate.
3. The receiver will provide voltage to the motor when commands are received from a learned transmitter.

## **The TRANSMITTER:**

(In-depth instructions and FCC compliance on following page)

The **transmitter** operates off of a standard 12VDC A23 type battery. We recommend replacing the battery every season. (***Always carry an extra A23 type battery***)

**ALL TRANSMITTERS COME PROGRAMMED AND ARE FULLY OPERATIONAL WHEN PACKAGED.**  
(If the transmitter does not work, follow the “Transmitter Instructions” on page 3.)

# **WIRELESS REMOTE TROUBLE SHOOTING**

## **Weak Signal:**

1. **Battery may be low.** To replace battery, remove the screw on the back of the transmitter. Remove the back cover carefully, noticing how the rubber membrane is seated in the case. Remove and replace the battery. Reinstall back cover making sure that the rubber membrane is seated in the case. Install screw and carefully tighten.  
***Do not over tighten.*** Dispose of old battery properly. During periods of long inactivity, it is recommended that the battery be removed.
2. **Receiver is obstructed.** Move receiver in a direct line with the transmitter. Make sure antenna is not obstructed.
3. **Programming the transmitter to the receiver.**
  1. Power on the receiver by connecting power cables (both positive and negative terminals).
  2. Receiver’s LED stays ON for 5 seconds and system enters into programming mode.
  3. Enable the transmitter by pressing the power button. The LED will flash twice.
  4. Hold down both directional buttons simultaneously on the transmitter.
  5. While holding down buttons will see receiver’s LED extinguished for 1 second and lights on again.
  6. Programming is now successful, release buttons on transmitter.
  7. Repeat steps 2 to 5 above to program another transmitter, if necessary.
  8. Receiver’s LED extinguishes after 5 seconds and system returns to normal working mode.

# Transmitter Instructions

## **WARNING: Never operate the wireless remote from outside the boat**

Before you can operate the transmitter it must be programmed (paired) to communicate with the receiver (see above). Your transmitter and receiver are pre-programmed (paired) from the factory, but it may be necessary to reprogram the transmitter if the battery is replaced. **Be Careful when programming, the device plugged into the receiver may start operation.** If you experience problems repeat the programming process again. After the transmitter is programmed with the receiver, you should not have to repeat this process again

Place the transmitter in the palm of your hand. You will see three buttons (see picture below). The button to the lower left turns the transmitter on and off after use. Press this button a red LED will blink twice and go out letting the operator know the unit is activated and ready for operation. Press the button again; the LED will blink once shutting the unit down. The unit will shut down automatically if you fail to turn it off or there is no activity on the activation buttons for a period of five minutes. The activation buttons are located above the power button and have raised surfaces. The two buttons are used to activate the device after the transmitter is turned on.

This Device complies with the FCC Part15. Operation is subject to the following two conditions.

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Section 15.105 Information to the user 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.

**CAUTION: Any changes or modifications not approved by MarineTech Products, Inc. voids user's authority to operate this equipment**



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