

**MotorGuide®**

**NEVER STOP.**

# **Digital Remote DRC**

**Owner's Instruction  
Manual**

**M887655**

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### **FCC Compliance Statement**

FCC ID #MVUDRC01

This device complies with part 15 of the FCC Rules. 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.

**Thank you for purchasing this MotorGuide product!**



**WARNING:** Modifications to this device not expressly approved by the manufacturer may invalidate the user's right to operate this equipment".

### **DRC INSTALLATION**

1. Plug the receiver into the trolling motor foot-pedal cable.
2. Plug the foot-pedal into the receiver.

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**Note: The remote control system works with or without the foot pedal attached.**

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## **PROGRAMMING THE SERIAL NUMBER**

Each remote unit has a unique serial number. Up to four serial numbers (remotes) can be stored by your receiver. For your remote to respond to your commands only and not those of other boaters, you must program the serial number into your receiver. Follow the instructions below (one time only) to program your receiver for each new remote:

1. Power the motor up - within 10 seconds, press and hold the + and - buttons on the remote simultaneously
  2. Listen for a long high pitch beep
  3. The receiver has now learned and stored the serial number of the remote.
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## **CONTROLLING THE BOAT REMOTELY**

1. **Steering: Press the left or right arrow buttons to steer the boat, a beep will sound**

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each time one of the arrow buttons is pressed. Each button press steers the motor left or right one step. Holding a button down will rapidly steer the motor until it reaches a stop; once it has reached a stop, the receiver will no longer beep when you press the button. When the motor is first powered-up, it automatically steers to a center position unless a foot-pedal is used, then it will steer to the position of the pedal.

2. **Speed: Use the + and – buttons to control the speed of the motor**, a beep will sound each time the + or – buttons are pushed. Holding the button down will rapidly speed-up or slow-down the motor until it reaches minimum or maximum speed; once at the limit, the receiver will no longer beep when you press a button.

When the motor is first powered-up, the initial speed is set to the same setting as on the foot-pedal speed wheel. If a foot-pedal is

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not used, the initial speed is equivalent to a setting of 2 ½ on the foot-pedal.

3. **Prop On/Off** – turn the prop on or off by pressing the center button and it will alternate between on and off. The “on” condition is indicated by a high-pitched beep while “off” is indicated by a low-pitched beep.

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## **USING THE REMOTE WITH A FOOT-PEDAL**

1. For maximum flexibility, the remote can be used in combination with the foot-pedal. Please note the following when doing so:
2. The last controller device (foot-pedal or remote) to send a command will be in control.
3. When going from foot-pedal to remote control, the speed and steering will always start at the last foot-pedal setting, but will end up wherever the operator sets the remote.
4. When going from remote to foot-pedal control, the motor will immediately:

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- ▶ steer to the current setting of the pedal and
  - ▶ adapt to the speed setting on the speed-wheel.



## CAUTION

**When changing from the remote to the foot-pedal, speed and steering will instantly convert to the foot-pedal setting.**

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## USING THE REMOTE WHILE TRACKING WITH A PTS<sub>v</sub> MOTOR

Do not use the “Left” and “Right” arrow buttons on the remote while the motor is tracking. Use the following commands:

1. Tracking can be suspended with the “On/Off” button.
2. Once Tracking is suspended, use the left and right arrow buttons on the remote to steer.
3. To resume tracking, press the “Resume” button on the foot-pedal.

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- a) Motor speed can be changed at any time using the “+” and “-“ buttons on the remote.
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## **REMOTE BATTERY REPLACEMENT**

Use only 3V lithium type CR2032 replacement batteries. Follow these instructions to change the battery:

1. Remove the four screws on the back of the remote control.
  2. Remove the Remote Control's back cover
  3. Using a pencil, push the battery out of its holder.
  4. With the “+” symbol facing up, slide the new battery in the holder.
  5. Replace the cover and four screws.
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## **SPECIAL COMMANDS**

1. **Steer to Center** – to automatically return to center, press and hold the steer left and right arrow buttons on the remote until a low pitch

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beep sounds. The motor will then steer back to the center position.

2. **Erase Memory** - to erase all serial numbers stored in the receiver's memory:

- ▶ Power-up the motor
  - ▶ Within 10 seconds, press and hold all four outer buttons on the remote
  - ▶ Listen for a long low pitch beep indicating the receiver has erased all stored serial numbers.
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### **FOR REPAIR SERVICE**

Contact your nearest MotorGuide Service Dealer. See a complete listing of Service Dealers in the US and Canada at our MotorGuide web site: [www.motorguide.com](http://www.motorguide.com).

Call Mercury Marine **Consumer Affairs** to obtain the name and location of the Service Dealer nearest you.

**United States:**

**1-920-929-5040**



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## **TROUBLESHOOTING – Frequently Asked Questions**

**The receiver beeps when I press a button on the remote but nothing happens.** The receiver does not have the remotes serial number programmed; refer to “*Programming the Serial Number*”.

**Programming the serial number doesn't work.**

The receiver's memory might be full, see “*Erasing Memory*” then try programming the serial number again. Also, the serial number must be programmed within ten seconds of powering-up the motor.

**When I am standing at the back of the boat and I press a button on the remote, the receiver does not beep.**

Move the receiver away from potentially interfering devices and experiment with orienting the receiver in different directions

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until you get good reception. Check the battery in the remote as well.

**When I press a button nothing happens but the foot pedal still works.**

If the receiver was plugged into the trolling motor while the power was on it will not function, power cycle the motor to energize the receiver properly.

**The system slowly stopped working.**

Check the battery in the remote and replace if necessary.

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## **MOTORGUIDE ACCESSORY LIMITED WARRANTY (ONE YEAR)**

(Keep your original purchase receipt)

### **WHAT IS COVERED**

MotorGuide Accessories are warranted to the original retail purchaser<sup>1</sup> to be free from defects in material and/or workmanship for a period one (1) year from the date of purchase. This Limited Warranty begins on the date the product is first sold to a retail purchaser or the date on which the product is first put into service, whichever occurs first.

### **WHAT YOU MUST DO**

MotorGuide products requiring service not covered under the terms of this warranty may be repaired or replaced for a reasonable fee.

### **WHAT IS NOT COVERED**

This warranty does not cover product damage due to abuse, accidents, modifications, misuse, excessive wear or damage caused by an owner's failure to provide reasonable and necessary installation or care. Neither MotorGuide nor MotorGuide Service Dealers are responsible for damages to MotorGuide products due to repairs performed by anyone other than an authorized MotorGuide Service Dealer. Neither

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<sup>1</sup> Warranty is transferable to any subsequent purchaser for the duration of the unused warranty period.

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MotorGuide nor Mercury Marine is responsible for failure or damage caused by improper installation, set-up, preparation, or previous service or repair errors.

### **HOW TO OBTAIN WARRANTY COVERAGE**

To obtain warranty service, the purchaser should deliver or return the unit (postage prepaid and insured) to any MotorGuide Authorized Service Dealer. Products returned by mail should also be carefully packaged and include a note describing the nature of the problem and/or service requested. A copy of the proof of purchase or registration verification is required with the return of the product for warranty consideration.

### **WHAT MOTORGUIDE WILL DO**

MotorGuide, sole and exclusive obligation under this warranty is limited to, at our option, repairing a defective part, replacing such part or parts with new parts, or refunding the purchase price of the accessory.

### **DISCLAIMERS AND LIMITATIONS**

**THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTIES.** Incidental and/or consequential damages are excluded from this warranty. Some states do not allow the limitations, disclaimers and exclusions identified above; as a result, they

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may not apply to you. This warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

For Your Records:

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

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835 W. 41st Street  
Tulsa, Oklahoma 74107

**For Service Information Contact:  
Mercury Marine Consumer Affairs  
1-920-929-5040**

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