

RM115-EM Wireless Reel Controller Installation Instructions

Application:

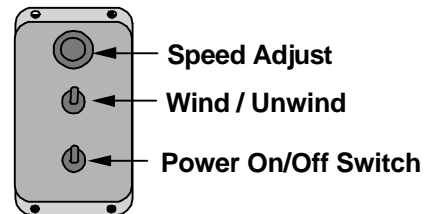
The **RM115-EM** is a wireless reel motor controller specifically designed for 115V (Rectified DC Motors), with a current tag rating up to 10 Amps. .

The RM115-EM has an internal solid state relay that can turn on/off a 115VAC, 10 Amp, accessory, such as a 115VAC motor that drives a pump. Turning the accessory on/off is controlled by the Red button on the transmitter (see transmitter operation instructions).

The RM115-EM can operate the reel motor in manual mode, using the switches on the RM115-EM controller, or using the wireless remote transmitter to wind/unwind the reel motor.

Mounting:

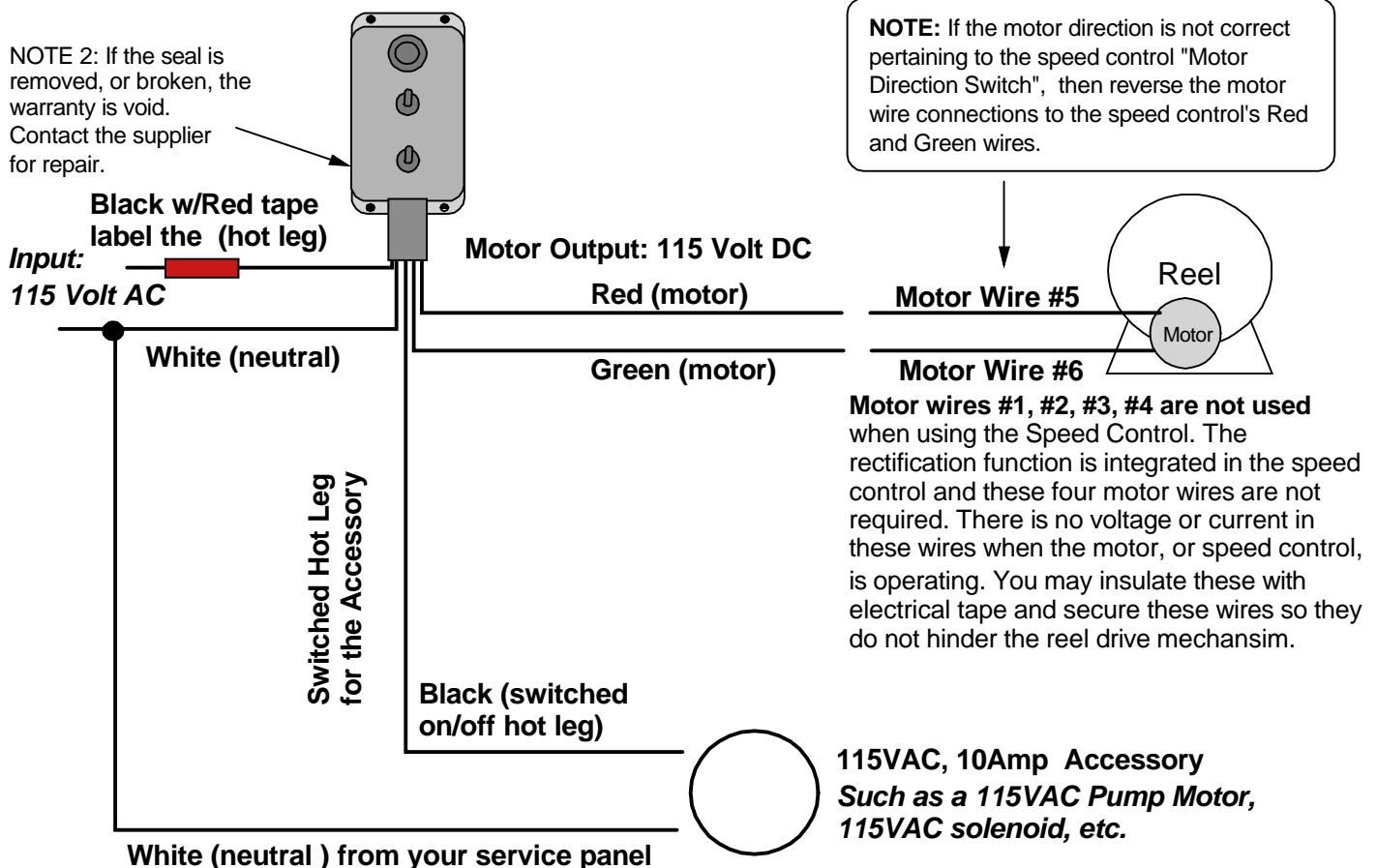
The top and bottom flanges contain screw holes to mount the unit to a flush surface.



Wiring Instructions

NOTE 1: Use 12-3 wiring for the power feed and protect the Control's Black (hot) with a 15 Amp Circuit Breaker in the electrical service panel. Use a **junction box** to make all power, accessory, and motor connections. the controller has a Carflex connector to mate with your Carflex flexible weathertight conduit between the controller and your junction box.

NOTE 2: If the seal is removed, or broken, the warranty is void. Contact the supplier for repair.



Remote Transmitter Operation Instructions

Qualitech's transmitter is the only transmitter, on the market, that contains Qualitech's proprietary internal battery recharging technology. Battery life is approximately 5 years.

Each transmitter is addressed to the matching motor controller so as no other transmitter can run your motor controller. The controller S/N (Serial Number), and the transmitter S/N, identifies the address the units are coded to. Provide the S/N when ordering a new controller, or transmitter. The unique address will be coded at the factory.

On/Off Switch on the side of the transmitter. The "I" is on. The "O" disconnects the battery when not in use. Also serves as a "reset". Power off for 4 seconds, then on, if the transmitter green light does not turn on when the On/Off pushbutton switch is depressed once.

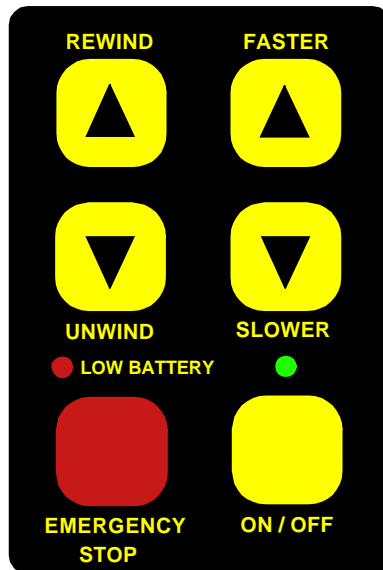
Rewind Pushing the Rewind button will wind the reel.

Unwind Pushing the Unwind button will unwind the reel.

Emergency Stop Pressing the Emergency Stop button once, and releasing it, will turn on your 115VAC, 10Amp Accessory. Pressing the Emergency Stop button again will turn off your Accessory.

Battery Recharge Procedure Under normal use, 4 hours per day, a battery recharge is required once every month. Using the power cord provided, plug the cord in to the transmitter socket and then plug the cord in to a vehicle 12V power socket (cigarette lighter type). When charging, both the low battery red LED and the On/Off green LED will be on. A battery recharge cycle takes approximately 2 to 4 hours. When the battery is fully charged, the **On/Off Green LED** will blink and the charging management circuitry will stop charging the battery. The transmitter can stay plugged in until the operator has the opportunity to unplug the transmitter and cord.

Important: If the transmitter's green On/Off LED does not turn on when you push the On/Off button, this means the battery power has depleted below the allowable voltage. If this happens, turn off, for 4 seconds, the "reset" rocker switch on the side of the transmitter. Then, turn the reset switch on. The transmitter batteries will now charge.



Faster Not functional for the RM115-EM. The speed adjust is on the controller.

Slower Not functional for the RM115-EM. The speed adjust is on the controller.

On/Off Pushing the **On/Off** button will turn on the transmitter. When the transmitter is on, the **Green On/Off LED** will turn on. Push the **On/Off** button to turn off the transmitter. **Auto Shutoff** feature: If the transmitter is left on, without any buttons being pushed for 10 minutes, the transmitter will automatically turn itself off.

Low Battery LED. When the Red LED is on, or the Green LED blinks when you turn on the transmitter, a battery recharge is required.