



The Wireless control utilizes radio frequency to communicate between the display and trim tab power module. This design eliminates the need for wiring between the display control and transom mounted power module. The Wireless combines a microprocessor based trim tab control with an LED tab position indicator. This control incorporates a convenient “one-touch” button for all tabs up or all tabs down. Tabs automatically retract and calibrate whenever the control power is switched on or off. This unique design requires no feedback sensor for tab position. LED indicators automatically dim at night and brighten in sunlight. The Wireless is completely sealed and waterproof. Lectrotab’s Wireless control is available in single station or dual station.

## FEATURES

- Utilizes radio frequency for communication between display control and trim tab power module up to 100’ (30.5m)
- Convenient “one-touch” button for all tabs up or all tabs down
- Tabs automatically retract and calibrate on key switch on or off
- Easy upgrade from rocker switch control with BP-10 mounting plate
- Completely sealed and waterproof
- Automatically dims LED tab position indicators in darkness and brightens in sunlight
- Adjustable programming features located on back of specification sheet
- Dual stations available
- Operates up to 3 actuators per tab on 12vdc or 4 actuators per tab on 24vdc systems

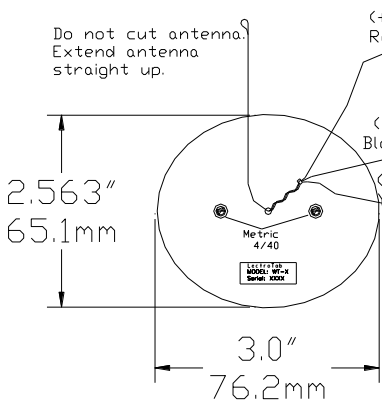
## SPECIFICATIONS

Model Number	Display Color	Number of Stations	Overall Width	Overall Height	Mounting Hole Cutout (Diameter)	DC Voltage	WR Power Module Fuse Size (1 Actuators per Tab)	WR Power Module Fuse Size (2 Actuators per Tab)	WR Power Module Fuse Size (3 Actuators per Tab)	WT Supply Power and AUX Fuse Size
WTR-111	Black	1	3"/76.2mm	2.563"/65.1mm	2"/51mm	12	12vdc = 20 amp	12vdc = 30 amp	12vdc = 40 amp	.25 amp
WTR-121	Black	2	3"/76.2mm	2.563"/65.1mm	2"/51mm	12	12vdc = 20 amp	12vdc = 30 amp	12vdc = 40 amp	.25 amp
WTR-211	Black	1	3"/76.2mm	2.563"/65.1mm	2"/51mm	24	24vdc = 10amp	24vdc =20amp	24vdc = 30amp	.25 amp
WTR-221	Black	2	3"/76.2mm	2.563"/65.1mm	2"/51mm	24	24vdc = 10amp	24vdc =20amp	24vdc = 30amp	.25 amp

# WIRELESS WIRING/INSTALLATION DIAGRAM

## WT Wireless Keypad (REAR VIEW W/ TEXT UP)

Do not cut antenna.  
Extend antenna  
straight up.



(+) +12 or 24 VDC from a source which remains on while the vessel is in service and is turned off with the vessel's main D.C. power switch. Power requirement is about 75 milliamps/keypad. Use a 250ma fuse.

(-) Connect to the vessel's battery (-)

(AUX) Must connect 12 or 24 VDC power to the yellow "AUX" wire (see page 8 in the manual for "AUX" switch options). Turn this switch ON, and a 10 second calibration sequence initiates in order to synchronize the tabs and the indicators at full retract position. The Wireless will show blinking LEDs which denotes tabs up. Turning this switch OFF initiates another sync/retract sequence for tabs up at trip's end. Use a 250ma fuse.

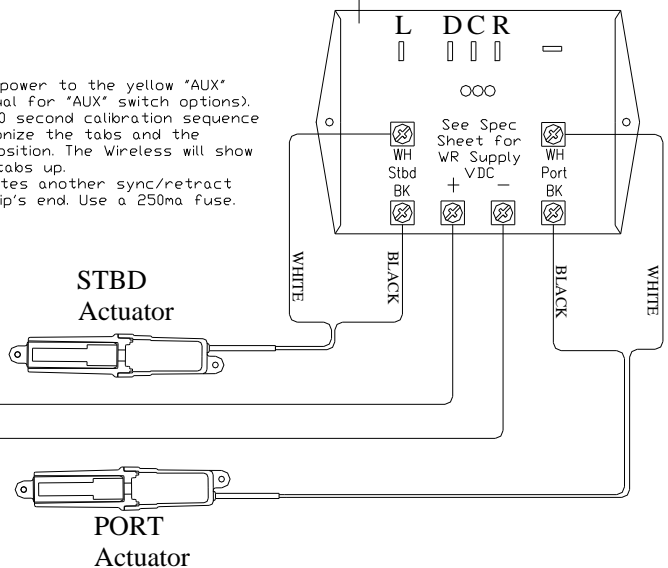
See Specification Sheet for correct fuse size to WR Wireless Power Module.



Fully extend antenna vertically and secure with a screw through the loop. Do Not Shorten Antenna Length.

Test Notes:  
Short C to D to deploy both tabs.  
Short C to R to retract both tabs.  
If key presses on WT do not create a response from WR, frequency matching may be necessary. Do this by connecting a jumper wire between L and +12vdc then press "ALL UP". Remove jumper.

## WR Wireless Power Module



# WIRELESS PROGRAMMING

Program Mode Sequence						
Function	Enter	Adjust	Exit	Range	Default	Program Details
Timing	PORT BOW DOWN	STBD BOW DOWN/UP	PORT BOW UP	4 - 12sec	8sec	8 LED's = 8 second actuator 4 LED's = 4 second actuator
LED's On/Off	ALL DOWN	ALL UP	PORT BOW UP	On/Off	On	All LED's flashing = LEDs ON 1 LED on each side = LED's OFF
Swap LED's	ALL UP	ALL UP	PORT BOW UP	LED's Opposite of button/same side button	LED's Opposite of button press	8 LEDs on right side= LED lights opposite of button press 8 LED's on left side= LED lights same side as button press

### Enter, Adjust and Exit Program Mode:

- Before entering program mode, 12vdc or 24vdc must be applied to Wireless (WT) main power
- Power to AUX (Yellow Wire) must be OFF (Aux is typically connected to ignition key switch or aux switch)
- Press and hold button noted in Wireless Programming chart under column "Enter" for more than 2 seconds while switching the Aux terminal switch to ON at the same time
- Release the "Enter" button and press button in "Adjust" column to change the value
- Press and hold "PORT BOW UP" for more than 2 seconds to exit program mode