

## Manual Leveling LED Control



MLC-1

Lectrotab's Manual Leveling LED control incorporates features requested by boat owners to provide a user friendly control for a more enjoyable boating experience.

- Single button touch control
- Automatic tab position return
- Sleek bezel design

### FEATURES

- Microprocessor based trim tab control with LED tab position indicators
- Single button press to move both tabs up or down simultaneously
- Rubber overlay with a sleek bezel design
- Automatic return to last tab position if ignition key is turned off and back on again
- Completely sealed, completely waterproof and will not deteriorate in sunlight
- Automatic tab retraction and calibration with key or accessory switch off
- Easy upgrade from rocker switch style control or Oval control
- No external power module required for one actuator per tab system
- LED tab position indicators dim automatically in darkness and brighten in sunlight
- Adjustable programming features located on back of specification sheet
- Operates on 12 or 24 volt dc systems

### SPECIFICATIONS

Model Number	Display Color	Number of Stations/Actuators	Overall Width	Overall Height/Thickness	Mounting Hole Cutout (Diameter)	DC Voltage	Fuse Size Power Input (1 Actuators per Tab)	Fuse Size Terminal 7 (MUST CONNECT)
MLC-1	Black	Single Station/ 1 Actuator/tab (2 tab system)	3.15"/ 80mm	3.0"(77mm)/ .437"(11mm)	2.0"/50mm	12/24	12vdc = 15 or 20 amp 24vdc = 10amp	1 to 2 amp

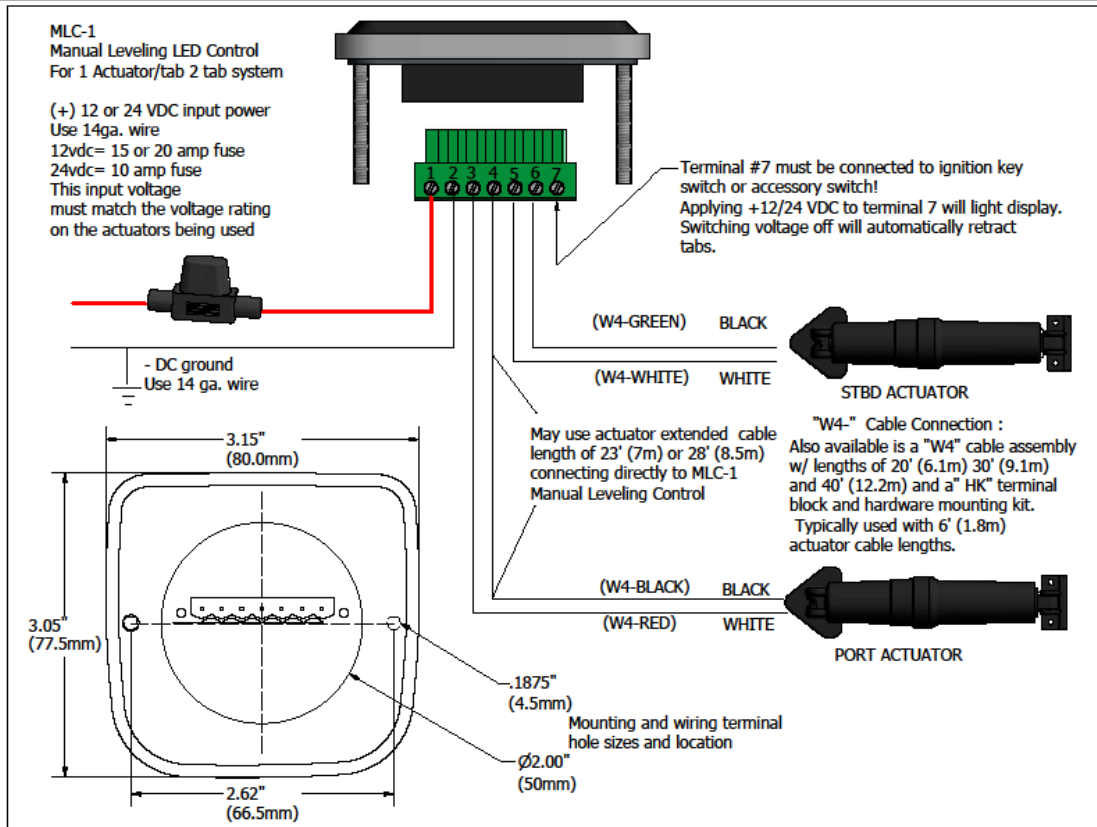
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# MLC-1 WIRING and DIMENSIONS



## MLC-1 PROGRAMMING

Program Mode Sequence						
Setting	Enter	Change Setting	Change Setting Value	Setting Value	Default	Program Details
(1L) Auto Retract	Press Bow Down and Bow Up 4 sec.	Press/Release Port Bow Side Down	Press/Release Stbd Bow Down	R1 = Standard R2 = Last Tab Set	R1	R1=Standard Auto Retract R2=Return to last tab position before key switch off
(2L) Actuator Stroke Time	Press Bow Down and Bow Up 4 sec.	Press/Release Port Bow Side Down	Press/Release Stbd Bow Down	R1=4sec, R2=5sec., R3=6s, R4=7s, R5=8s	R5	Change setting value to match actuator stroke time to fully deploy
(3L) Swap LED tracking	Press Bow Down and Bow Up 4 sec.	Press/Release Port Bow Side Down	Press/Release Stbd Bow Down	R1 = LEDs track tab position R2 = LEDs track button press	R1	R1=LEDs track angle of tab position R2=LEDs track same side as button being pressed

### Enter, Adjust and Exit Program Mode:

- Before entering program mode, 12vdc or 24vdc must be applied to MLC terminals 1, 2 and 7 (see wiring)
- Press and hold Bow Down (top) button and Bow Up (bottom) button for 4 seconds to enter program mode
- LED L1 (top left LED) will begin flashing and LED R1 (top right LED) will be lit constantly
- Press and release the Port Side Down (left) button to cycle through the three settings under "Setting"
- Press and release the Starboard Side Down (right) button to change the "Setting Value"
- Press and hold Bow Down (top) button and Bow Up (bottom) button for 4 seconds to exit and save new value

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