

ML-6 User's Manual

Revision 1.01

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Overview

The ML-6 is a solid state replacement for the incandescent amp light illuminating Hy-Gain™ HAM-M, HAM-IV, etc., and CDE™ HAM-M type rotor control boxes. It is meant for control boxes with an incandescent lamp above the meter. The ML-6 will provide more even illumination and longer life than the stock lamp. In addition, a trimmer allows LED light level adjustment.

Specifications

Size: 4.1" X 0.5"

Power: 24V AC, internal rotor box supplied. Approximately 60ma at full illumination.

Installation

Warning! High voltage is present inside the rotor control box. Do not touch anything the inside of the case when power is on!

Follow these steps to install your ML-6

1. Unplug the AC power cable.
2. Loosen or remove the screws holding the top cover on. You can slip the cover off without completely removing the screws on the rotor boxes with plastic cases.
3. Unplug the meter lamp.
4. Remove the plastic cover on the Velcro™ pads.
5. Orient the ML-6 LED side down over the meter. The trim pot should be facing up and towards the middle of the control box.
6. Press the ML-6 down against the top of the meter.
7. Solder the two wires to the lamp socket tabs. The Hy-Gain HAM-x type control boxes power the lamp with AC. It does not matter which wire goes to which tab. If you are using the ML-6 from a 24V DC source, the red wire goes to the +24V side.
8. Plug in the AC cord and turn the power on.
9. Carefully adjust the trimmer on the top of the ML-6 to the desired light level.
10. Turn the power off and unplug the AC cord.
11. Replace the top cover and tighten the screws.

Note: If the illumination over the meter is not even, you can pull the board off and reposition it with the Velcro pads.

Warranty

The ML-6 is warranted for 90 days from purchase date. Unified Microsystems will, at its option, repair or replace defective units returned during the warranty period. Unified Microsystems reserves the right to change specifications of its products at any time without notice. Schematics, user manuals, and additional information can be found at **www.unifiedmicro.com/support**. Support is provided by email only: **w9xt@unifiedmicro.com** Include ML-6 in the subject line for fastest response.

Unified Microsystems
PO Box 133
Slinger, WI 53086
www.unifiedmicro.com