

L.E. Modulator Light Link Interlock Test Box

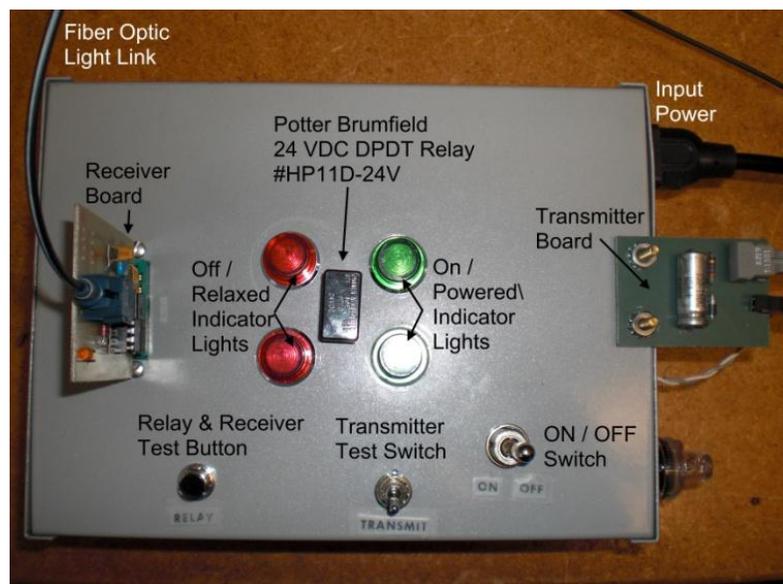
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This box was designed to test the fiber optic transmitter & receiver boards, light link cables, as well as the relays used in the modulator interlock system. After hooking up the boards, relays, and cables as seen in the picture on the right, apply power and follow the indicated procedure



1. Switch the ON/OFF switch to the on position, the Transmitter Test Switch down, and then verify that both the Red Indicator Lights are on & the Green Indicator Lights are off
2. Using the Relay Test Button, verify that both the Green Indicator Lights turn on and the Receiver Board LED lights up.
3. Switch the Relay around 180 degrees and re-install. Repeat Step 2.
4. Verify that the Transmitter board is connected to the Receiver board via the Light Link, and then use the Transmitter Test Switch to power the Transmitter Board. This will send light down the Fiber Optic and should light both the LED on the Receiver board and the Green Indicator Lights. *Note: You cannot use the Relay Test Button during the step since the Transmitter should be constantly powering both the Receiver and Relay.
5. To test the Fiber Optic Light Link, remove it from the receiver, which should relax the relay. You should be able to set red light coming from the fiber. Verify that the light link makes good connection on both boards and is not affected by rocking the cable in either the gray or blue light link socket.



Fiber-Optic Interlock Tester Box

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