
OSTech Laser Controller: Manual Mode Instructions

DMT Technical Note
Applies to OSTech Laser Controller
Firmware Version 2024
Used with the SP2



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1.0 Background

This technical note applies only to firmware version 2024 of the OSTech Laser Controller. OSTech does not list the version number in any of the Laser Controller display screens, and the OSTech label with the version number is hidden from view once the controller has been installed in the SP2. However, DMT has applied a sticky note to the top of version 2024 laser controllers identifying them as such. If your unit does not have a sticky note, it is not version 2024, and this technical note does not apply.

When operated in Manual mode, the OSTech Laser Controller Version 2024 may not have an “X” in the LTON/LTOFF field (Figure 1). As a result, the laser’s temperature controller is disabled, and the laser will not operate properly. This problem only occurs in Manual mode; in remote control mode, the laser operates correctly.

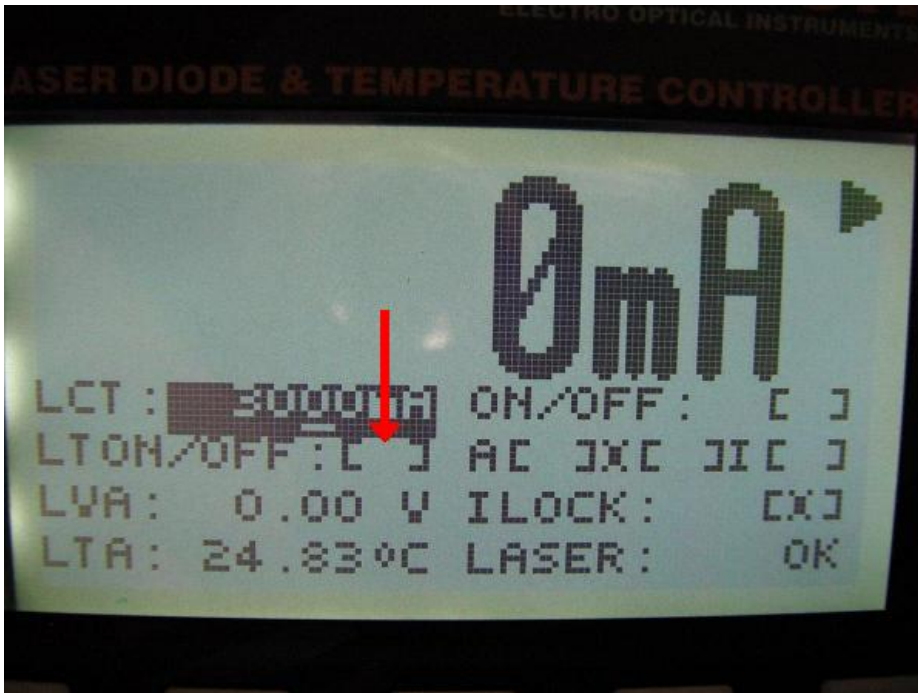


Figure 1: Laser Controller Screen with LTON/OFF Set to Off

2.0 Resolving the Issue

Use the ▼ arrow to select the LTON/OFF field, and then press the ● button. Next, use the ► and ▲ arrows to move to the ON/OFF field in the top right of the screen. Press the ● button again, and the laser should be ON (Figure 2). You can now proceed to use the Laser Controller as described in Appendix C of the SP2 Operator Manual (DOC-0171).



Figure 2: Laser Controller Screen with LTON/OFF Set to ON and Laser ON.