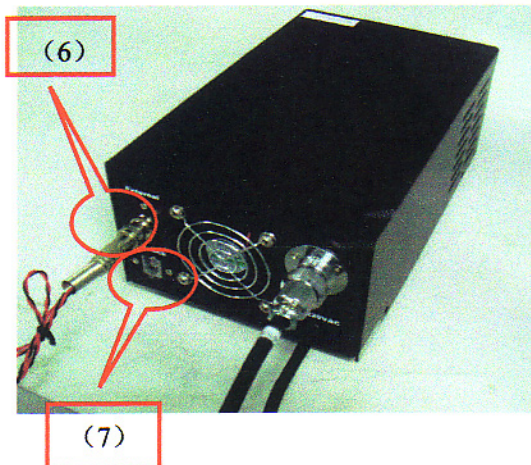
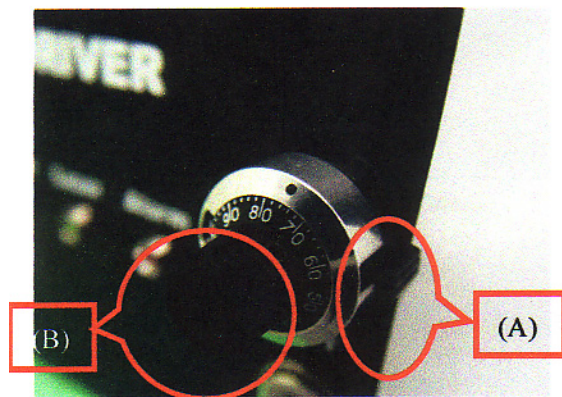
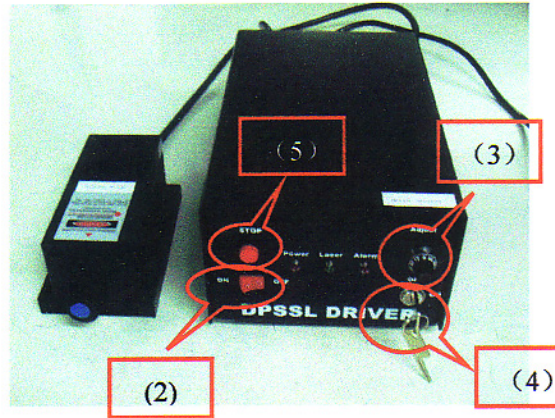


ADR-2100 DPSS laser Driver Operation Manual

Note: The laser must be operated under specified case temperature range otherwise may be damaged!

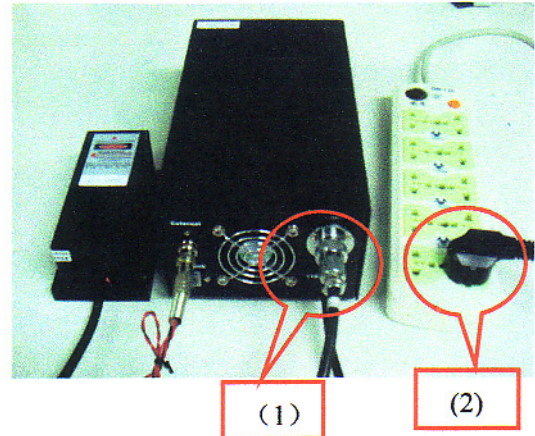
Initial Inspection

1. Place laser head and power supply on a stable surface with good thermal conductivity. Make sure laser head and driver has the same serial number. Miss match between laser head and driver box may cause damaged to the module.
2. Check the main switch on the front panel of the driver and make sure it was off.
3. Use power setting knob to adjust laser output power level. The power will increase when knob was turned clockwise. The locking key is to lock the knob. Counterclockwise turn locking key will release knob for tuning. The laser was set to max output power before shipping.
4. Check the key switch and make sure it was on off position. Turn the key switch to off position by counterclockwise turn the key to vertical orientation.
5. Emergency switch for emergency turn off the module.
6. Input modulation by this port
7. Inter lock key. Pull out the key will disable the laser module.



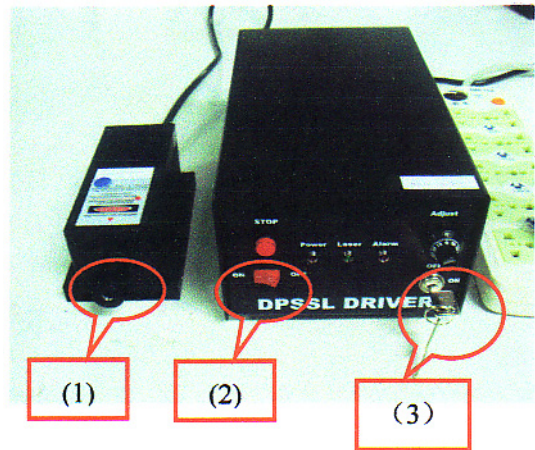
Set Up the Laser

1. Connect the laser head with driver firmly. Push the plug to the end and turn clockwise to lock the plug.
2. Plug the power cord to outlet.



Turn On the laser

1. Remove the protective label from the laser aperture.
2. Turn the switch to on position. The Red LED should on.
3. Turn key switch clockwise to vertical position and the Green LED should on after 5 second. Laser start to emitting.
4. Once laser start to work normally, the Red LED will off. If Red LED stay on, turn off key switch and wait for 5 minutes before power up again.
5. TTL or 0~5V modulation is optional function. If you had ordered this function, please refer to modulation instruction manual for details. **DO NOT USE THIS FUNCTION IF YOU HAD NOT ORDER THIS OPTION.**



Turn Off the Laser

1. Turn off the key switch by counterclockwise turn the key to vertical position.
2. Switch the main switch to off position.
3. Put the label back to laser aperture.
4. Disconnect the power cord from AC power outlet.