

***Please read this instruction before touching the devices***

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**The laser head and power supply has the same S/N number. Don't mismatch.**

**LSR-PS-II**

**OPERATION INSTRUCTION**

Following the steps:

1. Connect the laser to the LSR-PS-II by the wire. Try a pull and the wire can't be pulled off, which indicates the connection is firm. The orientation of the connector and the socket on the LSR-PS-II should be accordant to be plug into thoroughly.
2. To input modulation, plug in the earphone plung on the back of LSR-PS-II. Connect the analog **5V the max** to the red wire and the ground wire, or TTL to the white wire and the ground wire. The wires should be connected firmly. Don't touch with hand or things with statics or high voltage when the power is on. **Don't plug in or off the earphone plung when the power is on.**
3. Open the shutter of the laser, Plug the LSR-PS-II to your power service 110/220V AC. Then turn on power by the on/off switch. The red LED light to indicate the power is on. After 3 seconds delay the laser beam emits.
4. The adjustor can be tuned to change the current thus laser power as the arrow indicates. The current value is showed on the panel. The knob should be tuned gently and smoothly.
5. Turn off the power switch when you want to turn off the laser. Then pull off the earphone plung for modulation. **Never** pull off or plug in the plung when the power is on.
6. **Make sure the power switch is off when you connect laser to power supply. Don't disconnect laser from power supply when the power is on.**

Notes:

1. Additional heatsink and cooling like fan is needed for continuous operation of this laser. Don't let the temperature of the laser goes up 50C degree. This power supply has no over-hot protection.
2. The laser diode may be damaged by electrostatic. Static is accumulated on body esp. in fall and winter. **Antistatic** wear is needed or have static discharged before close to the laser.
3. Laser is harmful to human body esp. eyes. You should avoid being shot by the beam or its reflection.

*One year warranty is offered to Lilly Electronics's dpss lasers in conditions of correctly used according to this instruction. Misuse, negligence or accidents or repairs and alteration not authorized by Lilly Electronics Inc. will avoid the warranty.*

Lilly Electronics Inc.