

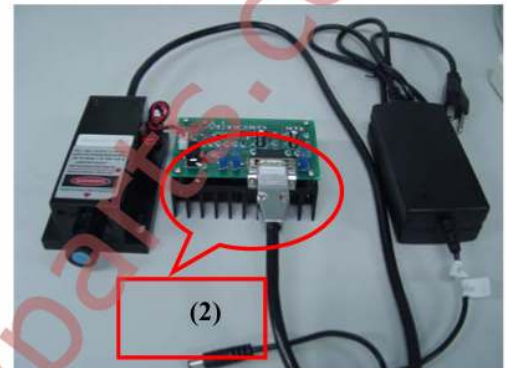
Operation Instruction for CNI Model MXL Laser

Note: The laser can be operated only when the temperature of the laser housing comes back near to that of operating temperature (the most proper temperature is 20? -25?). Otherwise, the laser may be damaged because the large temperature differences.

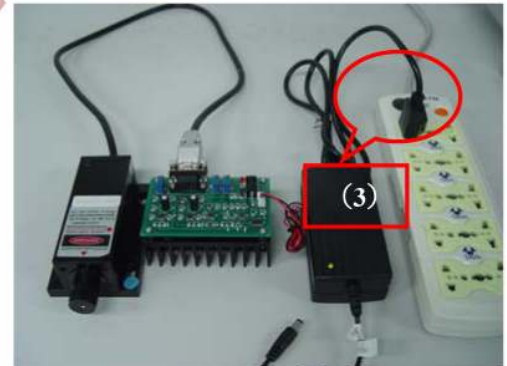
1. Setting up the laser

(1) Place the laser head, PC board, black power supply (which must have the same serial numbers) on a stable surface. And it can transfer heat, such as iron board.

(2) Connect the laser head with the PC board firmly by means of the 9 pin connector.

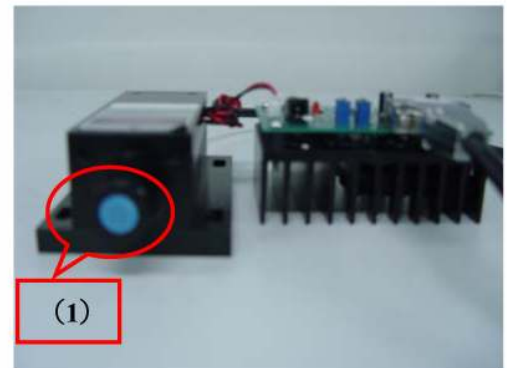


(3) Please connect the mains plug of the black power supply to the mains that can provide input voltage indicated on the power supply.



2. Starting the laser

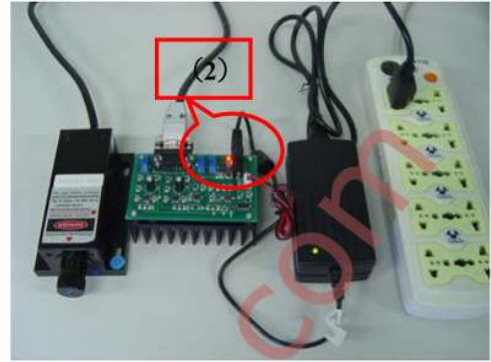
(1) REMOVE THE PROTECTIVE LABEL FROM THE EMISSION PORT OF THE LASER HEAD. If there is a shutter on the laser head, please, open it.



(2) Please connect the earphone plug of the power supply to the earphone socket of the PC board. The laser emission will start.

(3) TTL modulation or 0-5 V analogue modulation is an optional function of the power supply. If TTL or analogue modulation is provided, please, refer to the corresponding section of operation instruction.

Note: If you apply analogue modulation. You must provide a 0-5VDC input voltage, then the laser will start.

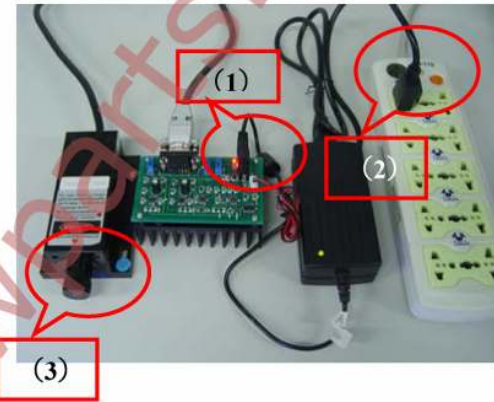


3. Shutting off the laser

(1) Pull off the earphone plug of the black power supply.

(2) Remove the main plug from the mains.

(3) Close the shutter, if there is a shutter. Please adhere to the label on the aperture.



4. Warranty

The warranty on both the laser and the power supply is one year from date of shipment from CNI's factory in Changchun.

Please, observe that CNI does not assume liability for its laser products if any one of the following circumstances has occurred:

- (1) Don't touch the laser head and the PC board when the laser is working.
- (2) The laser head or the PC board has been disassembled by the user.
- (3) The proper laser performance has been disturbed as a result of outer force or damage of the laser head.
- (4) The original labels with serial numbers and CNI's model name have been removed.
- (5) The warranty period has expired.

5. Laser safety warning

- (1) Laser light can be harmful to human eyes and skin. Therefore one must avoid direct exposure and one should NEVER point the laser beam to your own or other people's eyes.
- (2) When working with an open laser beam, ALWAYS wear laser safety spectacles.
- (3) The laser head should be placed on a stable surface. Be sure not to place any other object on the laser head or the power supply.
- (4) The laser should be operated in a dry, clean and dust-free environment.
- (5) The laser must not be exposed to shock or excessive oscillations.
- (6) Forbid touching elements of PC board by your hands or other electric objects, or else PC board and laser will be damaged.
- (7) Avoid modulation lines contacting PC board, or else PC board and laser will be damaged.