

# Single Laser Remote with Power Supply

## AC/DC CDRH Power Supplier compatible with WhisperIT® Lasers

The AC/DC CDRH Power Supplier is a small remote-control box that allows you to connect to - and interface with - a single laser head. This Single Laser Remote with Power Supply for WhisperIT® Lasers offers all the features from the laser in a convenient CDRH-compliant interface. You can use it to implement analog modulation control of the laser, such as switching the laser, and adjusting its power. Also, there are two status indicators on each AC/DC CDRH Power Supplier's top, for showing the voltage and total current.

We have four kinds of AC/DC CDRH Power Suppliers, for different lasers and different-area usages. Details are shown below:

- (1) 5V/5V CDRH Control Box Low active
- (2) 5V/5V CDRH Control Box High active
- (3) 5V/9V CDRH Control Box Low active
- (4) 5V/9V CDRH Control Box High active

Customer can do the selection per specific application.

### FEATURES

- **Friendly to use design**
- **Laser safety features (CDRH) such as key switch and interlock**
- **Full input and output connections for analog modulation control**
- **Laser status indicators**
- **Compact size**
- **With mounting brackets**

### APPLICATIONS

- **Applications that require analog control the laser**
- **Applications that require laser control at a remote location away from the laser**
- **Laboratories that require CDRH features**

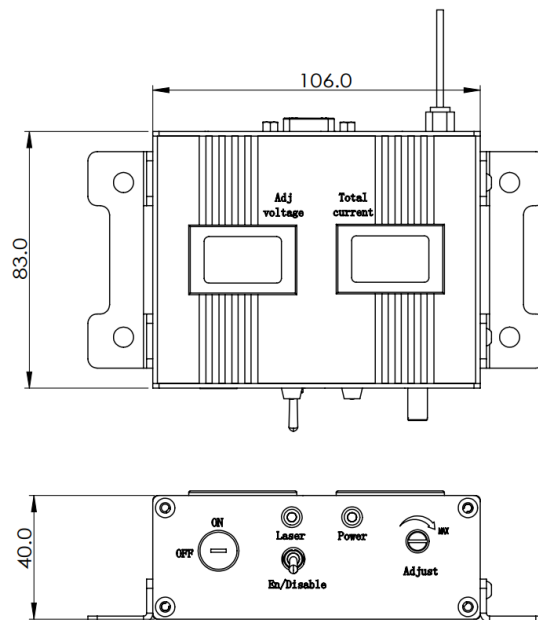


**AC/DC CDRH Power Supplier**



<p>DB9 Female</p>	PIN 1: +5V/+9V PIN 2: NC PIN 3: +5V PIN 4: NC PIN 5: GND_TEC PIN 6: ADJ PIN 7: Enable PIN 8: NC PIN 9: GND_LD
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**Laser control interface: 9-pin female connector**



**Mechanical Diagrams (unit: mm)**

**AC Adapter for the AC/DC CDRH Power Supplier**



<b>Description</b>	<b>Specification</b>
Input voltage	100V to 240V AC
Input current	0.55A
Input frequency	47Hz. to 63Hz.
Output voltage	12V DC
Rated current (max)	2.08A

**Specifications of the AC Adapter**

Information furnished by Pavilion Integration Corporation is believed to be reliable. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications are subject to change without notice.