

### What's In the Box

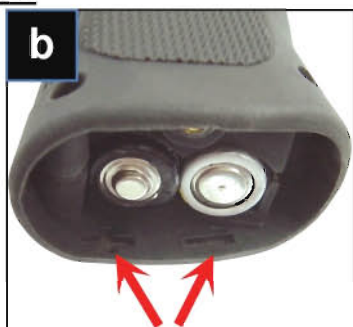


#### Parts:

- (A) CGL™ (CGL-RW) - white LED  
(CGL-RB) - blue LED  
(CGL-RR) - red LED
- (B) MOUNTING SYSTEM (CGL-MOUNT)
- (C) BATTERIES: AA (2)
- (D) ALIGNMENT TOOL (CGL-AT)
- (E) ACTIVATION SWITCH

### Installing the Batteries

#### Figures:



- 1 Loosen the flat head screw on the battery cover at the base of the CGL (Part A) with a flat head screwdriver. **Note:** The battery cover screw was specifically designed to fit the rim of a standard 5.56mm rifle cartridge. (See Figure a) You do not need to completely remove the screw to remove the battery cover.
- 2 Insert Batteries: AA (2) (Part C) into base of the CGL (Part A). Notice the Positive (+) and Negative (-) signs inside the battery compartment to ensure proper installation. (See Figure b) Replace battery cover and tighten flat head screw.

### Mounting on Firearms



- 1 Unlock the Mounting System (Part B): Depress the locking button (See Figure c) and move the lever 180° to the unlocked position.
- 2 Set lever tension: Move lever to 90° (See Figure c) and push in on lever to expose adjustment screw (See Figure d). Tighten or loosen adjustment screw to preference. Depress lever to lock adjustment screw. To increase tension, turn screw clockwise. To decrease tension, turn screw counter-clockwise. **Note:** In order to maintain accuracy between Point of Impact (POI) and laser, there must be no movement between mount and rail system.
- 3 Attach Mounting System (Part B) to rail in desired position. Return lever to the locked position.

### Rotating Selector Switch Position and Activation



- 1 The Rotating Selector Switch on the back of the CGL has four (4) positions (in order from left to right): Navigation Light, Off, Constant Laser Beam, Pulsating Laser Beam. Note the raised lettering above the switch to identify the positions. (See Figure e)
- 2 When the Rotating Selector Switch is in a position other than off, half-depressing the Activation Switch (Part E) will provide momentary activation. (See figure f) A fully-depressed Activation Switch (Part E) will provide constant, hands-free activation. **\*Note:** The Activation Switch (Part E) latches when fully-depressed. Fully-depress the switch again to deactivate.

### Laser Alignment



A clockwise turn adjusts the laser to the left



A clockwise turn adjusts the laser down

You can easily fine tune your laser to accommodate any weapon platform, type of ammunition or shooting distance.

- 1 To sight in your laser, insert the Alignment Tool (Part D) into one of the small alignment ports on the outside of the foregrip. (See figures g & h)
- 2 Fine tune your laser alignment by slowly turning the alignment screws with the Alignment Tool (Part D), checking your laser position against your POI. A one-quarter (1/4) turn equals approximately three (3) inches at nine (9) yards.

### Cleaning the Laser and Light



It is recommended that cleaning of the laser and light occur during standard rifle cleaning to ensure emission points are not being blocked due to a build-up of gun shot residue.

- 1 To clean the laser, use a cotton swab moistened with isopropyl alcohol, wiping off the front of the laser aperture and around the edges to clear away any residue and dust particles. (See Figure i)
- 2 Repeat step 1 for the navigation light emission point. (See Figure j) **Note:** Cleaning process is effective for all colors variations of navigation light (Red, White, or Blue)

### Warranty Registration Online

Registration of your product is required in order to receive warranty service. Log on to [www.lasermax.com](http://www.lasermax.com) to fill out the registration form.

### Limited Warranty

LaserMax, Inc. laser products, except expendable parts, are warranted to be free from defects in material and workmanship for a period of one year from the date of purchase, as provided in the warranty registration process for LaserMax. Expendable parts shall be defined as batteries, springs, and replaceable plastic parts. Expendable parts of some models have definite life expectancies. They should be replaced as recommended to protect the laser and preserve your warranty. This warranty shall benefit, and may be enforced only by the initial purchaser of the laser system and is not transferable. Warranty is limited solely to repairing or replacing the part(s), at the discretion of LaserMax, Inc.; which proves to be defective during the warranty period. Parts and equipment replaced under warranty will not be returned. Parts and equipment repaired under warranty will be covered for the remaining portion of the original warranty period. This warranty does not apply to equipment or parts which upon inspection by LaserMax, Inc. are determined by LaserMax, Inc. to have become defective or unworkable due to abuse, mishandling, misuse, alteration, negligence, improper installation or maintenance, damage resulting from use of springs not supplied with laser, damage resulting from repair or attempted repair by anyone other than LaserMax, Inc. or a repair facility authorized by LaserMax, Inc., or other causes beyond the control of LaserMax, Inc. All returns must have factory labeling present and legible. All returns require a return authorization number available from our Warranty Department at 1-800-LASER-03. The hours of operation are from 9 a.m. to 5 p.m. EST, Monday through Friday.

**LASERMAX, INC. DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE LASERMAX, INC. LASER PRODUCT IS FOR A PERIOD OF ONE YEAR FROM DATE OF PURCHASE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.**

#### SPARE PARTS LIST:

**CGL-MOUNT:** Mounting System (Part B)  
**CGL-AT:** Alignment Tool (Part D)

**CGL-RS:** Rotating Selector Switch Knob  
**CGL-BC:** Battery Cover Assembly-*includes backup alignment tool & screws*



#### WARNING:

Avoid direct exposure to beam.

#### CGL-RW; CGL-RB; CGL-RR

FOREGRIP LASER/NAVIGATION LIGHT

**CLASS 3R VISIBLE LASER PRODUCT**

Laser Output: <5 mW

Wavelength: 635 nm

Navigation Light Output: 3.5 lumens (White)

.5 lumens (Blue)

.2 lumens (Red)

**Reminder:** Aiming a laser beam at moving vehicles including boats, aircraft, trains, and construction equipment may be illegal. Check current applicable laws and follow them accordingly.

For warranty repair contact the warranty department at LaserMax at 800.527.3703 or email [warranty@lasermax.com](mailto:warranty@lasermax.com)

**MANUFACTURED BY  
LASERMAX, INC.  
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Complies with 21CFR1040 per Laser Notice 50 (2001)

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Patents Pending

installation guide