

# GREEN LASER WITH UNIVERSAL BARREL MOUNT

- ❖ This Green Laser is designed to mount directly to your firearm as an advantage of quick target acquisition. Use of the laser will not replace the use of other sighting devices in regards to accuracy, but it will certainly aid in locating your target with ease.
- ❖ This Green Laser mounts easily to almost any size barrel with two different sized mounting screw sets.
- ❖ Included in the package are two types of switches: a standard on & off cap switch(4), and a coil pressure momentary type switch(10). Also included is the specially designed Universal Barrel Mount(1), two different allen wrenches, and a CR123A battery.
- ❖ Always be sure that the unit is off when not in use to preserve battery life.
- ❖ **DANGER: AVOID DIRECT EYE EXPOSURE TO LASER BEAM. LASER RADIATION IS EMITTED FROM THE APPERTURE.**

## MOUNTING:

- ❖ **CAUTION: BEFORE BEGINNING INSTALLATION OF YOUR GREEN LASER BE SURE THAT THE FIREARM IS UNLOADED. ALWAYS PRACTICE SAFE FIREARMS HANDLING PROCEDURES.**

Your new Green Laser is designed to mount directly to just about any barrel. To install, first loosen the Laser Mount Screw(2) on bottom of the Universal Barrel Mount(1) using the provided allen wrench. Next, place the Laser into the mount as shown in the Front View. The laser must be positioned so that the unit is right side up. To perform this operation, remove the cap on the front of the laser housing(3) by twisting it counter clockwise. Locate the reference arrows(5) on the face of the laser. The arrow pointing to the U is the arrow that should be pointing straight up. Twist the entire laser unit within the mount to get it square. When the arrows are perfectly square up and to the right you have successfully aligned your laser. Next, tighten the Laser Mount Screw(2) to secure your settings. Now you can mount the unit by removing the two Barrel Mounting Screws(11). Place the Universal Barrel

mount(1) around the barrel of your firearm with the top half on top of the barrel and the bottom half with the laser directly below the barrel. Once you have the mount in the desired position, you can install and tighten the Barrel Mounting Screws(11). Be sure not to over tighten the Barrel Mounting Screws(11) to avoid stripping them. Also, be sure that the mounting location for the laser allows for proper function and movement of all parts of the firearm.

## **ZEROING:**

- ❖ **WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.**

Begin the zeroing process by first turning your laser to the On position by either twisting the Rear On/Off cap(4), or by depressing the Pressure Switch Pad(10). Set up a target at the desired distance. Place your laser beam on the center of the target. Be sure to secure the firearm so that it will not move when fired. Fire a few shots to see where the projectiles land in relation to the laser beam. Adjust the laser to match the shot grouping using the provided allen wrench. To perform this action, begin by removing the Front Cap of the Laser housing(3) by twisting it counter clockwise. By examining the face of the laser you will see that there are two small adjusting screws, one with a U (meaning up) which is your Elevation Adjuster(6), and the other with an R (meaning right) which is your Windage Adjuster(7). There are also reference arrows that wrap around the adjuster screws(6 & 7) that indicate the direction to turn the screw in order to move the laser to the desired location. For instance, when you want to move the laser beam up you can see that you must turn the "U" adjuster screw(6) clockwise. So to move the laser beam down you must turn the "U" adjuster screw(6) counter clockwise. After adjusting the laser beam to match the location of the shot grouping, fire a few more shots to confirm zero. If the laser is still not zeroed then follow the same procedure again making small adjustments until the desired level of accuracy is achieved. Using a laser bore sighter will also make the zeroing process a little easier. Another method is to zero the laser beam to the iron sights of the firearm if they are available. After the zeroing process is complete, be sure to reinstall the front cap(3) to protect the laser from damage.

## INSTALLING THE BATTERY:

Your new Green Laser uses one 3 volt lithium battery which is type CR123A. Always use this type of battery for best performance results, and to avoid damage to the laser. To install the battery, simply remove the Rear Cap Switch(4) by turning it counter clockwise. Next, place the battery into the Battery Housing(14) with the positive side facing out towards the Rear Cap Switch(4). Twist the Rear Cap Switch(4) back onto the rear of the laser. To use the Coil Pressure Switch(10), remove the standard On/Off Cap Switch(4) by turning it counter clockwise. Remove the Spring Insert(12) from the Threaded Coupling(13) portion of the switch by gently pushing it out. String the Pressure Pad side(10) of the coil through the inside part of the Threaded Coupling(13). Pull the pad all the way through until the Battery Connection(8) portion of the coil becomes flush with the Threaded Coupling(13). Now twist the Threaded Coupling(13) onto the rear of the laser until it is tight. If this procedure was done correctly, you should see the laser beam appear every time the Pressure Pad(10) is depressed. Always be sure that the unit is off when not in use to preserve battery life.

**❖ If you are not sure about any of the procedures in this manual, always seek the help of a qualified professional to avoid damage to your Green Laser and your firearm.**

## SPECIFICATIONS:

Wavelength:	532 nm
Output Power:	5mW
Operating Voltage:	3V DC
Battery type:	one CR123A lithium
Line Width:	<0.1 nm
Beam Divergence:	<1mrad
Beam diameter:	< 1 mm
Operation Current:	<300mA
Operating temperature:	59 - 95 degrees Fahrenheit

SPECIAL NOTE: THIS UNIT WILL ONLY FUNCTION UNDER THE TEMPERATURES LISTED ABOVE. THE UNIT WILL NOT FUNCTION IN EXTREME COLD OR EXTREME HEAT. ONCE THE UNIT HAS RETURNED TO NORMAL TEMPERATURES IT WILL FUNCTION PROPERLY.



# SIDE VIEW



# FRONT VIEW



# REAR VIEW

