

STINGRAY

USE & INSTALLATION GUIDE

STEP 1:

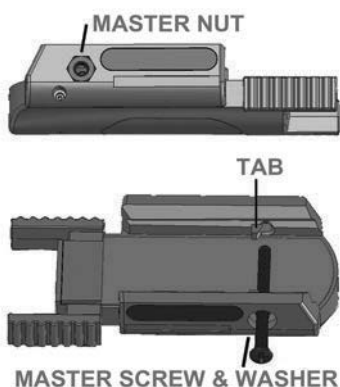
OPEN CONTENTS AND PLACE IN FRONT OF YOU

- (1) STINGRAY SR1 (2) Battery Door Screws
- (2) Hex Keys .035" (2) Locking Screws & Washers (2) Cotton swabs
- (2) Silver Oxide 386 Batteries (1) FDA Yellow Label

MAKE SURE PISTOL IS UNLOADED AND ALL AMMO IS ON A SEPARATE TABLE.

STEP 2: INSTALLATION

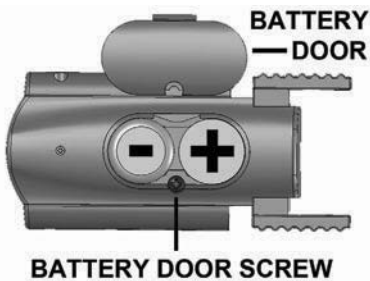
- 1) Remove STINGRAY from packaging.
- 2) With a smaller Philips-head screwdriver, remove the Master Screw and Washer. Be careful not to lose the Master Nut.
- 3) Take Right Rail off of STINGRAY.
- 4) Place STINGRAY onto your pistol - MAKE SURE YOUR PISTOL IS UNLOADED.
- 5) Align the tab shown on STINGRAY with the notch (or closest notch towards muzzle) in your pistol's rail.
- 6) Place Right Rail back onto STINGRAY. It may 'snap' into place at the very front.
- 7) Replace Master Screw and Washer and screw into Master Nut. It's a good idea to place a finger on the Master Nut to stop it from popping off. Tight is good, but do NOT over tighten.
- 8) If switch is in the way of trigger guard during operation (such as on SIG P226, Beretta PX4 Storm, etc.) clip 1 - 3 ribs off of switch with snippers. Ribs are designed to clip off cleanly.



STEP 3: INSTALLING BATTERIES

MAKE SURE PISTOL IS UNLOADED BEFORE INSTALLING BATTERIES

- 1) Remove Battery Door Screw with a smaller Philips-head screwdriver.
- 2) Remove two (2) 386 batteries from Tool Kit. Note which side is positive and which is negative.
- 3) Place batteries into STINGRAY. The negative side of one battery needs to go into the compartment closest to the shooter, this has a smaller circular battery contact. The other battery, closest to the muzzle, goes in with the positive side touching the larger circular battery contact.
- 4) Replace Battery Door and replace Battery Door Screw. Don't over tighten.



STEP 4: ADJUSTING THE LASER

MAKE SURE PISTOL IS UNLOADED BEFORE ADJUSTING THE LASER

You have full control over windage and elevation. A good distance to adjust the elevation to is 25 feet. If you are on-target with an object or target 25 feet away from the muzzle, you will experience good accuracy closer and further away from that point.

- 1) Take one of the two (2) Hex Keys found in the Tool Kit and locate the Windage Set Screw Hole.
- 2) Insert the Hex Key into the Windage Set Screw. Turn Hex Key clockwise to move laser to the left and counter-clockwise to turn it to the right. Adjust laser to the sights on your pistol.
- 3) Repeat 1-2 above for the Elevation Set Screw. You may need to tweak the windage again.
- 4) To be 100% sure of your adjustment, you will have to "dial-in" at a shooting range.



NOTE: IF YOUR STINGRAY IS NOT ADJUSTING PROPERLY, MAKE SURE THE MASTER SCREW IS TIGHT AND BACK OFF ON BOTH WINDAGE AND ELEVATION SET SCREWS UNTIL THE LASER IS POINTING TO THE UPPER-RIGHT OF YOUR SIGHT PICTURE. THEN REPEAT 1-3 ABOVE.

USING STINGRAY



STINGRAY'S Switch is designed to be protected by the Main Housing so that it's difficult to accidentally turn on in a holster or elsewhere.

To turn the laser on, simply depress the Switch from the right or left side. Once on, you can shut the laser off by depressing the Switch again so that it clicks into the center position (Off).

Using a Weaver stance as shown, actuating the switch in between your trigger finger and the thumb of the opposite hand, is the proper tactical technique for controlling the laser.

However, if in a critical-timing situation, all that's needed is one hand to turn the laser on. As you should be drawing the pistol with your finger alongside the trigger guard, STINGRAY's Switch is in the exact spot where your trigger finger should be. Practicing this is an important part of any pistol/self-defense training plan.

ARMALASER LIMITED WARRANTY



For a period of 60 months (5 years) from the date of purchase, ArmaLaser Inc. will, at no charge, repair this Product if determined by ArmaLaser Inc. to be defective in either parts or labor.

This warranty is transferable to subsequent owners, as long as original receipt is presented.

Warranty coverage does not apply to Products that have been abused, improperly installed, altered or modified, or when batteries have been improperly installed and caused damage beyond repair.

TROUBLE SHOOTING?

Here are some tips if your **STINGRAY** isn't performing as it should:

Laser will not turn on when Switch is all the way to the left or right:

A: Batteries are either incorrectly installed or need to be replaced. See Step 3.

Laser dot is blurry or very fuzzy:

A: Clean laser aperture & lens with Applicator Cleaning Brush & dab of alcohol. Each brush has a rounded and pointy tip. Use the rounded tip for most cleaning and the pointy one for stubborn dirt. **DO NOT PUSH IN HARD.** If you moved the laser inwards, back off on the adjustment set screws and readjust. Twirling the brush tip on the laser lens seems to clean best.

Laser will not keep zero:

A: Readjust laser by following directions on Step 4.

A: Tighten Master Screw. If necessary, use blue-colored Loctite or equivalent on thread-tip of Master Screw.

PERFORM ANY ABOVE WITH AN UNLOADED GUN ONLY!



GENERAL LASER SAFETY: CAUTION - Use controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NO SERVICE ALLOWED: Maintenance specifically is limited to housing cleaning and battery replacement. **CAUTION:** Perform all maintenance with power off to avoid accidental exposure. No maintenance required to keep product in compliance.

WARNING STATEMENT: DO NOT POINT AT PEOPLE, ANIMALS, OR SHINY AND REFLECTIVE SURFACES. LASER LIGHT - AVOID DIRECT EYE EXPOSURE.

OUTPUT PARAMETERS:
630-635 nm
<5mW CW
Beam Diameter: <5 mm
Beam Divergence: <1.5 mRad
Mode: TEM00

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