



# Instruction Manual TSM Series Weapon- Mounted Lights

US PATENT 9,713,217



## GENERAL SAFETY WARNINGS

- NOT FOR USE ABOVE HAZARDOUS LOCATIONS
- DO NOT use in explosive atmospheres, near flammable liquids, or where explosion proof lamps are required.
- DO NOT use in the proximity of vehicles or equipment when there is a risk of flammable liquids coming into contact with the flashlight.
- DO NOT expose the batteries to water or salt water, or allow the batteries to get wet.
- DO NOT store the batteries with metallic objects that may cause a short circuit.
- Immediately discontinue use of the batteries if they emit an unusual smell, feel hot, change color, change shape or appear abnormal in any way.
- Keep out of the reach of children.

## WEAPON SAFETY

**FAILURE TO FOLLOW SAFETY AND OPERATING MEASURES WHEN HANDLING A FIREARM OR THE NIGHTSTICK WEAPON LIGHT WHEN MOUNTED ON A FIREARM IS DANGEROUS AND CAN RESULT IN SERIOUS INJURY, DAMAGE TO PROPERTY, OR DEATH.**

- Use of a firearm under any circumstance is inherently dangerous. SERIOUS INJURY OR EVEN DEATH may result without proper training in the safe handling of firearms. Proper training should be obtained from an accredited firearms safety program conducted by a qualified instructor.
- Read, understand and follow all of the safety instructions that come with your firearm before attaching your new TSM.
- Always assume every firearm is loaded and treat that firearm as such.
- Never point a firearm at anything that you are not willing to destroy.

- Never service your firearm or your weapon light when mounted on a firearm without first activating the weapon's safety (if applicable), removing the magazine, opening the action and physically and visually inspecting to make sure that no ammunition is installed in the firearm.

## BEFORE ATTACHING, INSPECTING OR SERVICING THE LIGHT

**WARNING: IT IS IMPERATIVE THAT SAFETY MEASURES BE EMPLOYED AT ALL TIMES WHILE HANDLING A FIREARM.**

- Engage the safety on the firearm (if applicable).
- Remove the magazine from the firearm (if applicable).
- Open the action and visually and physically inspect the chamber to be sure it is empty.
- Keep the barrel pointed in a safe direction at all times and never place your hand in front of the muzzle.

## INSTALL THE LIGHT ONTO YOUR FIREARM

**WARNING: FOLLOW ALL SAFETY MEASURES WHILE HANDLING FIREARMS.**

- Loosen the 3 screws on the outer housing of the light using the included tool until the two halves separate. It is not necessary to completely remove the screws.
- Separate the two halves of the outer housing while holding the inner module in place. It is best to retain the inner module with the side that has the screws and hold it so that the screws do not fall out.
- While holding the gun in one hand, place the empty half under the trigger guard, then place the side that contains the module (with screws on top) over the trigger guard. Hold the two sides firmly together while starting the screws.
- Tighten all 3 screws while keeping pressure on both sides. Inspect for gaps and continue to tighten until fully closed.

## CHARGE THE BATTERY

Fully charge the light before the first use or if it has been unused for several months. For best performance, charge the light when the flashlight beam starts to dim.

- Use only the supplied Nightstick rechargeable battery and MAGMATE™ cable.
- Connect the cable to a power source with a USB connector. Attach the magnetic end to the charging port located on the light.
- The USB end of the cable includes an LED charge status indicator that remains red until the battery is fully charged. At full charge, the LED turns green.
- Total time to fully charge the light depends on the remaining charge in the battery.

## WEAPON MOUNTED LIGHT SAFETY

- Nightstick recommends that the TSM should only be activated with the non-trigger hand (support hand) while employing a two-handed grip on the handgun and with the trigger finger fully outside the trigger guard when applicable.
- Thoroughly practice (employing safe training conditions) with the TSM installed on an unloaded handgun before using the weapon.

## OPERATION

The left and right side switches operate independently.

- Turn on/off: Press down for 1/2 second or less and release.
- Momentary on: Press and hold for 1/2 second or longer, release to turn off.

**Laser Models:** The switches will operate either 1) white light only, 2) green laser only, or 3) white light and green laser based on user programming.

## PROGRAM THE USER-SELECTABLE SETTINGS (LASER MODELS)

While holding down either the left or right side switch, press and release the opposite side switch to cycle between the modes: 1) white light only, 2) green laser only, or 3) white light and green laser.

- Cycle through each mode by continuing to hold one side while pressing and releasing the opposite side.
- When the desired mode is selected, release the switches.
- The setting will remain in the selected mode until changed by the user.

## ADJUST WINDAGE AND ELEVATION (LASER MODELS)

### ROUGH ADJUSTMENT

- Determine the distance where you want the laser and bullet to intersect (Zero distance). We recommend 5 to 20 yards.
- Hold the handgun and align the front and rear sights properly for this distance.
- Use the tool included to turn the windage (side) and elevation (bottom) screws to adjust the laser until it is aligned with the top of the front sight post.

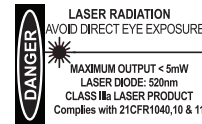
### FINE ADJUSTMENT

- At the firing range, refine the point of aim to match the point of impact at your desired distance.
- Use the included tool and the directional arrows to further refine windage and elevation by moving the point of impact.

## LASER RADIATION (LASER MODELS)

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

**WARNING:** Laser Radiation maximum power measured at 3.33mW. Avoid direct eye exposure. Do not stare into beam. Do not turn the light on while looking directly into the bezel.



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Aperture warning and Class IIIa laser labels are located on the bottom and back of the light as per illustrations above.

## EXPORT CONTROLS

The export of this product is restricted by the U.S. Department of Commerce as a controlled commodity ECCN 0A504.f. Subsequent resale and reexports of this product are subject to US Export Administration Regulations (EAR).

## COMBINATION LOCK INSTRUCTIONS

**Ensure the safety and security of your weapon before charging the light by installing the gun lock included with the purchase of this product.**

Change the factory set combination

- The factory set combination is 0-0-0. Begin by setting the dials to 0-0-0 along the dash marks on the lock.
- Insert the free end of the cable into the lock.
- Use a ball-point pen or other pointed instrument to press and hold the reset button located on the bottom of the lock.
- While holding the reset button, rotate the dials to the new 3-digit combination of your choice.
- Make a note of the 3-digit combination.
- Release the reset button.
- Test the lock by rotating the dials to the new combination. Press the cable release button located on the side of the lock to release the free end of the cable.
- The new combination is correctly set if cable releases.

