



Instruction Manual

TCM-550XL-GL

US PATENT 9,713,217



WEAPON SAFETY

FAILURE TO FOLLOW SAFETY AND OPERATING MEASURES WHEN HANDLING A FIREARM OR THE NIGHTSTICK TCM 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 TCM.
- 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 TCM 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.

WEAPON MOUNTED LIGHT SAFETY

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



TCM-550XL-GL on Glock 19.

BEFORE ATTACHING, INSPECTING OR SERVICING THE TCM

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.

EXPORT CONTROLS

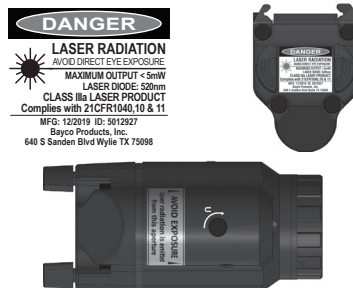
The export of this product is restricted by the U.S. Department of Commerce as a controlled commodity ECCN 0A504.f. Subsequent resale and reexports of this product are subject to US Export Administration Regulations (EAR).

LASER RADIATION

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.

The TCM-550XL-GL is not intended to be serviced. Contact Bayco Customer Service if product is not functioning properly. See warranty section for more information.



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

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.

INSTALL THE BATTERY

SAFETY WARNING: ALWAYS ENSURE HANDGUN IS SAFE AND UNLOADED BEFORE CHANGING THE BATTERY.

- Unscrew and remove the bezel.
- Insert the included CR123A battery with the positive(+) end first.
- Replace the bezel and turn until fully seated. You will feel a resistance as you tighten past the lockout detents. Continue turning until the dot on the bezel aligns with the ON position.

SAFE MODE: The light will not operate while in safe mode. To activate battery, align the mark on the bezel with the ON position. To engage safe mode and prevent the light from unintended activation, turn the bezel until the mark aligns with the OFF position.

INSTALL THE LIGHT ONTO YOUR FIREARM

The firearm must have a tactical rail and at least one cross rail slot. The TCM is not designed to be used on a firearm that does not have a cross rail slot.

NOTE: The TCM comes pre-configured with the C1 modular insert. If the fit is not correct for your specific handgun model, switch to the C2, C3, C4 or C5 insert that works best for your firearm. Correct key installation is verified by the light positioned close to the trigger guard with only a slight visible gap. Consult TCM Insert Guide on nightstick.com. Minimal gap ensures proper fit with most holsters.

- Push inward on the head of the rail clamp tension thumbscrew to fully open the adjustable portion of the rail clamp.
- Align the insert tab with the appropriate slot on the tactical rail of your handgun. Rotate the rail clamp of the TCM onto your handgun's rail so that the insert is fully seated in the slot.
- While making sure that the insert remains fully seated in the slot, tighten the rail clamp tension thumbscrew by hand.
- Use a coin to fully tighten the tension thumbscrew.

IMPORTANT: Periodically check to insure that the Allen screws and rail clamp tension thumbscrew remain tight.

OPERATION

The left and right side switches operate independently. Depending on the user-programmed mode, activation of either switch will turn on the light.

- Turn on/off: Press down and release.
- Momentary on: Press and hold for .5 seconds or longer. Release to turn off.

PROGRAM THE USER-SELECTABLE SETTINGS

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.

NOTE: The mode will default to *white light only* when the battery is removed or fully discharged, or when light is placed in **safe mode**.

ADJUST WINDAGE AND ELEVATION OF LASER

Rough Adjustment

- Determine the distance where you want the laser and bullet to intersect (Zero distance) We recommend 5 - 20 yards.
- Hold the handgun and align the front and rear sights properly for this distance.
- Use the included Allen wrench 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 Allen wrench and the directional arrows to further refine windage and elevation by moving the point of impact.