

**FIRST-LIGHT**  
USA



# **TOMAHAWK MC TC3 KIT**

**USER MANUAL**

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Thank you for purchasing the First-Light USA Tomahawk® MC TC3 Kit. Your light features a “mix” of red and green secondary LEDs which will effectively highlight the color red in comparison to other colors. Please carefully review this manual prior to use.

### **IMPORTANT – PLEASE READ FIRST**

The intense white light emitted by the primary white LED may cause temporary blinding, regardless of the brightness level used. Use caution during operation. Do not point light directly into eyes at any distance. Not for use by children.

### **LITHIUM BATTERY WARNING**

Lithium batteries can be dangerous if used improperly. Never disassemble, short circuit, recharge, or expose to water, fire, or high temperatures. Never use batteries of different ages, capacities, or brands together. Store separately and properly dispose of batteries after use. Keep away from children.

## **SPECIFICATIONS**


### **Lumen Output**

150+ Lumens (at the maximum brightness setting)

### **Batteries**

- (2) CR123 3-Volt Lithium Batteries, ANSI: 5018LC, IEC: CR17345
- Run Time
  - White LED: 2+ hours (on the highest setting)

*Note: High quality, rechargeable CR123 batteries may be used to power the Tomahawk MC Tactical Light. The user should identify the voltage capacity of any rechargeable batteries prior to installing them into the Tomahawk MC Tactical Light.*

 **IMPORTANT: Never install any rechargeable CR123 batteries that exceed a combined voltage of 10 volts as this will damage the internal circuitry and void the warranty.**

### **Environmental Specifications**

- Normal Operating Temperatures: (-20°F) to 120°F
- Waterproof

## **REPLACEMENT PARTS**

To order replacement parts, please call 877.454.4450 or visit [www.first-light-usa.com](http://www.first-light-usa.com).

## COMPONENTS



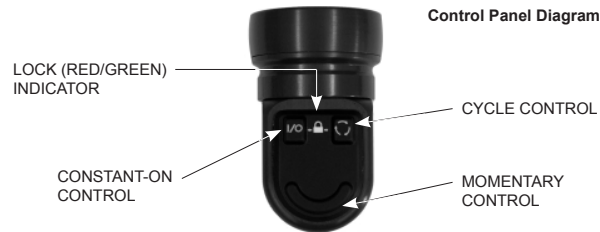
## BATTERY INSTALLATION

**STEP 1.** Remove battery cap. Insert two batteries “+” terminals first (as shown above).



**STEP 2.** Reinstall battery cap. Hand-tighten until snug.

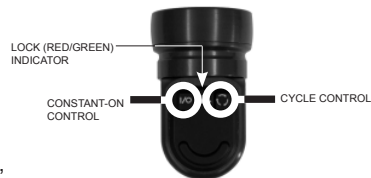
**STEP 3.** Ensure batteries are properly installed by pressing any button on the control panel. The red LED “lock” should illuminate indicating the light is in Lockout Mode. If it does not, repeat Steps 1 and 2, ensuring both “+” terminals are facing up.

## BASIC FUNCTIONS




### LOCKOUT/READY MODE


Lockout Mode prevents accidental illumination. To unlock the light and enter Ready Mode, press the Constant-On  and Cycle Control  buttons simultaneously and release. The green “unlock” indicator will illuminate signaling that visible light modes are active.



To reenter Lockout Mode at any time during use, press and hold the Constant-On  and Cycle Control  buttons simultaneously for 1 second. The red “lockout” indicator will illuminate.

### MOMENTARY MODE




The Momentary Control  button activates the primary white LED at maximum brightness when pressed. When released, the white LED turns off.

*NOTE: To momentarily activate the secondary colored LEDs from the off position, press the Cycle Control  button. When released, the secondary LEDs turn off. The secondary LEDs will illuminate at the last used Constant-On brightness level.*





## CONSTANT-ON MODE



The Constant-on Control  button activates both the primary white LED and secondary colored LEDs in Constant-On Mode.

- To turn on the secondary colored LEDs from the off position, press and release the Constant-On Control  button.
- To turn on the primary white LED from the off position, press and hold the Constant-On Control  button until the white LED illuminates then release.
- To turn the light off, press and release the Constant-On Control  button.

## CYCLE CONTROL



The Cycle Control  button is used to adjust the brightness level of the primary white LED and secondary color LEDs while in Constant-On Mode. Press and release the Cycle Control  button when either the primary or secondary LEDs are illuminated to select one of three brightness levels. The light will “remember” the last used Constant-On brightness setting.



*NOTE: While the primary white LED is activated in Momentary Mode, Constant-On Mode can be activated by simultaneously pressing the Constant-On Control  and Momentary Control  buttons then releasing both buttons.*





## DOUBLE-CLICK FOR COLOR

While in Lock Out Mode the secondary colored LEDs can be activated by double-clicking the Constant-On Control  button. This will illuminate the secondary color LEDs in the lowest brightness setting. The primary white LED will remain locked out. Adjust the secondary color LEDs brightness using the Cycle Control  button. When the secondary color LEDs are turned off, the light will return to Lock Out Mode.



## SECONDARY COLOR SELECTION

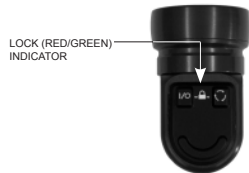
To select the desired secondary color, ensure that the light is off, but in Ready Mode. Rapidly press and release the Cycle Control  button until the desired color of light flashes. Turn the secondary color LEDs on and off with the Constant-On Control  button.



## LOW BATTERY INDICATION

When the Tomahawk nears the end of its useful battery life, the red lock indicator will begin to flash (once every 2.5 seconds) during use (visible light mode only). This indicates that the batteries should be replaced immediately.

Once the red lock indicator begins to flash, your Tomahawk will cease to function normally. It is programmed to maximize useful run time by limiting all light output to the lowest brightness setting. Soon after, the light will cease to function and will enter Lockout Mode.



## FINGER LOOP

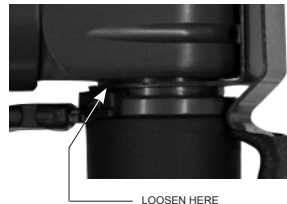
Your Tomahawk comes equipped with a Finger Loop installed in a neutral/straight-forward position. In order to enhance the ergonomic control of the Tomahawk, it is recommended that the Finger Loop be slightly offset to better align the thumb with the control panel.

The Finger Loop can be moved by pushing it to the desired position.



## INSTALLING FINGER LOOP

A smaller Finger Loop is also provided. In order to install the smaller Finger Loop, loosen the threaded connection between the lamp housing and battery housing until the large Finger Loop is loosened to a point at which it can be removed. Insert the collar of the smaller Finger Loop so that it is seated within the machined groove located at the top of the battery housing.



**!** **IMPORTANT:** It is important to ensure that the Finger Loop remains securely seated during use. Hand-tighten the connection between the battery housing and lamp housing as firmly as possible.

## TOMAHAWK TASK LIGHT (TTL)

The Tomahawk Task Light (TTL) replaces the standard Tomahawk Battery Cap with a two-piece design that contains either a blue or UV LED. The TTL can also be used as a secondary general illumination source since it is powered separately from the Tomahawk.

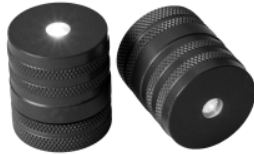
Ensure that the TTL is securely attached to your Tomahawk to prevent loosening when turning the TTL on and off.

To turn on the TTL, tighten (twist clockwise) the threaded connection between the two sections to the point at which the LED illuminates.

To turn off the TTL, loosen (twist counterclockwise) the threaded connection to a point slightly past that at which the LED loses power.

To install, change, or remove the three coin cell batteries:

1. Orient the TTL so that the LED is facing up.
2. Completely loosen the threaded connection to separate the two sections and expose the batteries.
3. The batteries must be installed in a “stack” with positive side facing away from the TTL LED and the negative side facing the exposed TTL circuit board.
4. Reconnect the two sections by tightening the threaded connection.



**WARNING: In order to avoid eye injuries do not look directly at UV LED light.**

## TACTICAL RETENTION SYSTEM (TRS) (IF EQUIPPED)

The Tomahawk MOLLE Tactical Retention System (TRS) will allow your Tomahawk to be mounted to MOLLE/PALS webbing for hands-free use. When horizontally mounted (see Figure B) to TRS the Tomahawk can be rotated nearly 180° up or down.

If vertical mounting is desired (see Figure C), simply unscrew the MALICE clips from the TRS Receiver and reattach them vertically. This allows your light to be rotated 180° left or right. The TRS can also be adjusted for either left- or right-handed release in the same manner.

To mount the Tomahawk to the TRS Receiver, insert the dovetail sleeve on the Tomahawk’s battery housing into the TRS Receiver until a “click” is heard to ensure proper seating. To release, push the spring-loaded button located at the top of the Receiver then slide the dovetail connection free.



Figure B: Horizontal TRS Receiver



Figure C: Vertical TRS Receiver

## FIRST-LIGHT USA, LLC LIFETIME LIMITED WARRANTY

The PERIOD OF WARRANTY shall be for the lifetime of the lighting device from date of purchase. First-Light USA will repair or replace, free of charge, at First-Light USA's option, any part due to defects in materials or workmanship. Certain countries and jurisdictions restrict limited lifetime warranties. If you reside in one of these countries or jurisdictions, First-Light USA extends to you a 10 year limited warranty, which maintains the following terms and conditions.

First-Light USA, at First-Light USA's option, may refund the purchase price to the original owner if unable to make the product perform the work for which it was designed by repair or replacement of a product of at least equal value. The limited warranty contained herein is the purchaser's exclusive remedy.

THIS WARRANTY EXCLUDES damage or defects caused by neglect, abuse, misuse, alteration, disassembly, improper maintenance or accidents. Batteries, or damaged caused by defective or neglected batteries are excluded from this warranty. Accessory items are also excluded from this warranty. Electronics (other than light emitting diodes (LEDs)), are limited to a 3 year warranty with proof of purchase.

To obtain warranty service, call 877.454.4450 or send e-mail to warranty@first-light-usa.com.

First-Light USA will then issue a Return Merchandise Authorization (RMA) and instructions on warranty return. The original owner must include the RMA upon returning the product in order to obtain warranty service from First-Light USA.

We will pay to ship the repaired or replaced product to the original owner's address if located within United States. If the original owner's address is located outside of the United States, we will ship the product freight collect.

If we determine the remedy is not covered under this warranty, we will notify you and inform you of service options available on a fee basis.

FIRST-LIGHT USA, LLC MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL IMPLIED WARRANTIES, TO INCLUDE BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS AND TIME LIMITS STATED IN THIS WARRANTY ARE HEREBY DISCLAIMED BY FIRST-LIGHT USA, LLC AND EXCLUDED FROM THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

ALSO EXCLUDED FROM THIS WARRANTY ARE ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING LOSS OF USE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES; EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

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## NOTES

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***WHEN YOUR LIGHT DEPENDS ON IT.***

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