# User Manual

**EAGTAC**

High Performance Tactical Flashlight

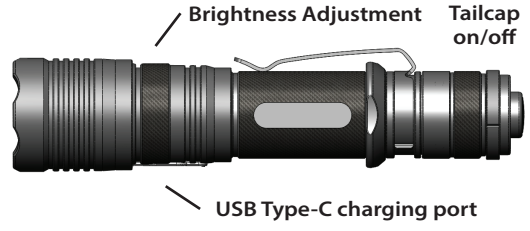
http://www.eagtac.com

sku4564 T/G/S/M-25/30-L/V series

EAGTAC flashlights pack big lumen output and long beam distance in a compact, tough and grippy flashlight body. They offer versatile user interface, highly efficient LED driver, and fast battery charging ability. Be crazy lumen with you in the dark.

**Quick Specifications**

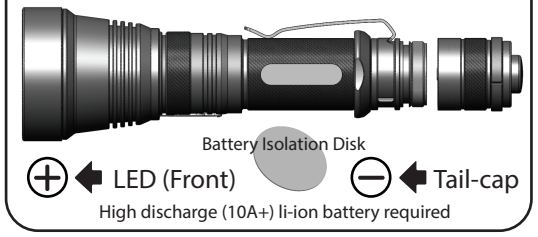
| | |
|---|---|
| LED | CREE XHP35/XHP50.2/XHP70.2 XP-L/XM-L2/Nichia 219/Luminus LED |
| Output | 3 brightness levels + AUX |
| Charging Circuit | C2500 |
| Voltage | 2.7V to 4.2V |
| Battery | 18650 / 21700 |
| USB Charger | 2A or higher |




**WARNING** - Lithium and Li-ion batteries can explode or cause burns if disassembled, shorted, or exposed to high temperature. Do not mix with used or other battery types or install backwards.

## Quick Start Guide

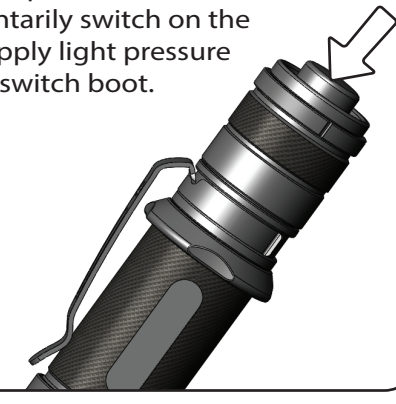
Remove the battery isolation plastic disc (if any). Unscrew the tailcap and insert battery (w/ protrude top) to use. Ensure the positive battery terminal is facing the LED. Replace tailcap and tighten snugly.




High discharge (10A+) li-ion battery required

Basic ON and OFF

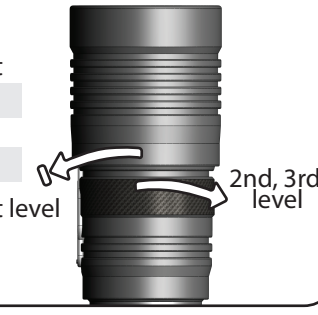
Switch on/off the flashlight by pressing the tailcap switch boot until it clicks. To momentarily switch on the light, apply light pressure on the switch boot.



Adjusting output level

Twist the head to select between three output levels. You can pre-select the desired output level before turning on the flashlight.

| Level | Output |
|---|---|
| 1st | 100% |
| 2nd | 20% |
| 3rd | 0.5% |




Customize low and medium output

Switch to low or medium output and turn the flashlight on and off for 20 times to toogle output setting to the next one.

**LOW: 0.5% ➡ 1.5% ➡ 3% ➡ Strobe (cycle)**

**MED: 14% ➡ 27% ➡ 40% ➡ Strobe (cycle)**

Tailcap strobe (off by default)

Switch to MAX level and turn the flashlight on and off for 20 times to toggle this setting. With this enabled, a double press of the switch button (within 1 second) will activate strobe output.

Battery level indicator (selected model)

After turning on flashlight or switching levels, it reports the battery capacity:

| # of Flash | Battery Capacity |
|---|---|
| 1 | <30% |
| 2 | 30-50% |
| 3 | 50-70% |
| 4 | >70% |

Active thermal management

After 30 seconds at MAX output, this feature activates and continuously adjusts the MAX output between 60% to 100% according to tempearture.

Low voltage protection

Output step down when battery reaches 3V and shuts off at 2.5V to prevent battery over-discharge.

Compatible battery charging type

This flashlight only charge a single protected 3.7V li-ion battery. Do not charge any other battery type such as CR123A, 3.7V RCR123A, two 18650 batteries, or any unprotected li-ion.

*USB charging port requirement

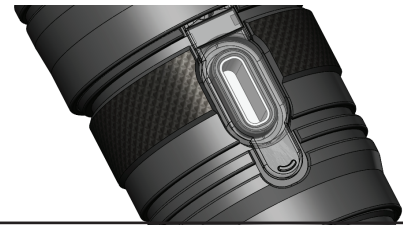
User can charge the flashlight using any 5V USB adapter (rated 2A output or higher).

Charging your battery

Remove the waterproof cover and insert USB cable to charge. The flashlight will switch off the LED output during charge and reports the estimated charging period once by flashing the LED.

| # of Flash | Estimated period |
|---|---|
| 1 | < 50% |
| 2 | 50%-75% |
| 3 | > 75% |
| Charge indicator OFF | Completed 100% |

After charging is done, turn off the flashlight and replace the waterproof cap to ensure water tightness.



Charge limit (ON-100% OFF-80%)

During charge, switch on the flashlight switch at the tailcap to charge to 100%. Leaving the switch in off position will only charge the battery to 80% (extend battery life cycle).

**Battery Safety Precaution**

All EAGTAC flashlights are designed to use button-top battery with protruding positive terminal. For rechargeable li-ion battery, use only EAGTAC li-ion battery, or other protected li-ion battery with compatible length and diameter. When using third party li-ion battery, ensure it is protected and its protection circuit is able to offer 10 Amp or higher to allow the flashlight to function at MAX output.

Do not mix new and used lithium or li-ion batteries. Do not mix batteries with different brand, capacity, voltage, or install batteries backwards. When the output starts to dim (this implies battery is almost drained), replace the batteries. Do not drain the batteries completely empty especailly when you're using two (or more) batteries in series.

Maintenance

Periodically clean the thread and o-rings with a lint free cloth and apply a thin coating of EAGTAC synthetic PTFE lubricant to the o-rings and the thread.

Clean the battery contact, gold plated signal pins, PCB board contact area, and machined thread with a lint free cloth. (Optional) Apply small amount of Deoxit red cleaner solution (D100L series) to the contact area for smooth operation.

Troubleshooting - Flashlight does not turn on or fails to switch between outputs normally:

1) Replace new batteries
2) Ensure retainer ring inside tailcap is tight
3) Clean all conductive contacts
4) Check battery polarity

**"No Hassle" EAGTAC Warranty**

For repair, replacement, or other inquiries contact your EAGTAC dealer. You can also reach our customer support via email at support@eagletac.com.

We warrant our flashlights to be free from defects in workmanship and materials. We will repair, replace at our option, without charging any product or part which is found to be defective under normal use within 120 months from the date of purchase with the proof of purchase.

Electronics, chargers and rechargeable batteries are covered for a period of 12 months with purchase receipt. Such repair or replacement shall be the purchaser's sole and exclusive remedy under this warranty. Normal wear and tear including batteries draining is not covered, nor is damage resulting from modification, misuse, abuse, neglect, faulty battery, battery leakage, improper maintenance or repaired by anyone other than EAGTAC or authorized dealer.