

User Manual SX25L3 / MX25L3



High Performance Tactical Flashlight
<http://www.eagletac.com>

EAGTAC SX25L3 and MX25L3 packs big 2750 lumen in a very compact and convenient body. It offers versatile user interface, tough build quality and rich accessories like no other. Be crazy lumen output with you in the dark.

Quick Specifications

LED	MT-G2 P0	XM-L2 U2
LED Lumen	2750	1505
ANSI Lumen	2375	1245
Runtime	1.5-350 hrs	2.7-370 hrs
Beam distance	347 yards	507 yards
Output	4 brightness level + 7 AUX	
Circuit	C5000 ST	
Batteries	3x18650, or 6xCR123A	
Voltage	5.4V-19V	



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.

Battery Safety Precaution

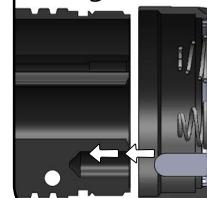
All EagleTac flashlights are designed to use "button-top" battery (battery with protruding positive terminal). For rechargeable li-ion battery, use only EagleTac li-ion battery, or other protected li-ion battery with compatible length and diameter. Before using the battery, check and ensure the battery outer wrapping (the isolating plastic film that wraps around the metal housing of the battery) is complete. Broken battery wrapping may lead to short circuit and damage to the flashlight.

Lithium and Li-ion battery can explode or cause burns if disassembled, shorted, or exposed to high temperature. Do not mix new and used 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 especially when you're using multiple batteries wired in series like this setup.

When the combined voltage falls below 9.1V, the LED will flash once every minute to remind you that the battery is almost out. Lower the output to extend runtime and replace/recharge batteries. Remove batteries if you are not going to use the flashlight for a long period of time.

Quick Start Guide

1) Unscrew the tailcap and insert batteries referring to the diagram on the right (this shows the back of the head). Ensure positive terminals of the batteries are facing the brass contact, and the negative terminals facing the silver coated copper spring.



To replace the tailcap, align the columns to the holes on the back of the flashlight body. Insert the tailcap and tighten snugly.

Basic ON and OFF

Turn on the light by **press and release** the on/off button switch (<0.4s). To turn off the light, **press and release** the switch again.

For momentary on, **press and hold** the button switch for immediate output.



Adjusting output level

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



Level	Tactical Mode	Regular Mode
1st	100%	100%
2nd	12%	45%
3rd	Strobe I	8%
4th	Strobe II	1%

To switch between tactical and regular mode, turn on the flashlight at 1st level, switch to 2nd level and then back to 1st level for ten times within five seconds.

Hidden AUX. settings

With the head at tight position (1st level), loosen to 3rd or 4th level and tighten the head within one second to enter AUX. setting. Repeat to cycle through all settings. Turn off the light or loosen the head to quit.

Strobe (I/II) ➔ Hi-Flash ➔ S.O.S. (I/II) ➔ Beacon ➔ Lo-Flash ➔ (Repeat)

Instant Turbo output

At any output level, **press and hold** the on/off switch for 100% output. **Release** the button to return to previous level.

Instant Strobe output

At any output level (even off), **double press and hold** the on/off button switch for strobe output. **Release** the button to return to previous level.

Energy saving feature

Enabled by default, this feature reduces output by 25% (or 10% when disabled) after 200 seconds at turbo mode. To toggle this feature, turn on the flashlight at 4th level, and dial to 3rd level and then back to 4th level for ten times within five seconds.

Color and diffuser filter

Kit models come with diffuser and color filters. Unscrew the stainless steel bezel and replace it with the filter to use.

Tail-cap with switch

For kit versions that comes with extra tailcap and body that is setup with rear signal connection, user may operate the flashlight with the rear switch.

How to prolong battery life

- 1) Recharge often. No need to discharge the battery completely before charging as li-ion has no memory effect.
- 2) To prolong li-ion battery life, drain the battery to 3.75V or below, and disconnect it from the flashlight before putting it in long-term storage.

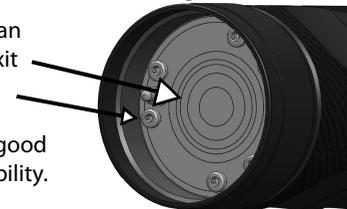
Maintenance

Periodically clean the thread and o-rings with a lint free cloth and apply a thin coating of EagleTac silicon-based lubricant to the o-rings.

Clean the battery contact, signal contact (the gold coated pins and PCB contact area on the body tube), and machined thread with a lint free cloth and use a small drop of Deoxit red cleaner solution (D100L series) to slightly lube them for better conductivity and smoother mode switching experience.

“Deoxit” is a trademark of Caig Laboratories,

Periodically clean and apply Deoxit red to ensure smooth mode switching and good long term reliability.



Do not touch or attempt to clean the reflector, as it will damage the reflective coating permanently.

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

- 1) Check and replace batteries
- 2) Ensure tailcap is tight
- 3) Clean all conductive contacts (see maintenance section)
- 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, reversed charging damage, improper maintenance or repaired by anyone other than EAGTAC or authorized dealer.