

User Manual SX30 MX30 L3/L4 series

Turbo Regular Compact
Rechargeable Diffuser SR



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

The EAGTAC SX30 and MX30 L3/L4 series pack big lumen and far projecting beam in a very convenient and compact 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	CREE XM-L2/MT-G2/XP-L ^{HD} /XHP ⁵⁰ ₇₀ Nichia 219 / Luminus SST90/SBT70
Output	5 brightness levels + AUX
Circuit	C5000 / C6600 / C7000 / C9500
L3 series	
Batteries	3x18650, or 6xCR123A
L4 series	
Batteries	4x18650, or 8xCR123A
Rechargeable series	
Batteries	Li-ion battery pack only



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

Battery Safety Precaution

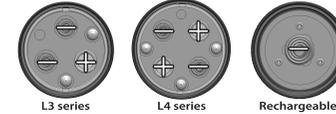
Battery with protruding positive terminal is required for this flashlight. For rechargeable li-ion battery, use EAGTAC li-ion battery, or other protected li-ion battery with compatible length and diameter (ensure their battery protective circuit can sustain at least 6A output, or it may shut down on higher level).

Before using any 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/Li-ion battery can explode or cause burns if disassembled, exposed to high temperature, or shorted. Do not mix new/fully charged and used batteries. Do not mix batteries with different brand, capacity, voltage, or install batteries backwards. When output starts to dim or low battery voltage warning appears, lower output level to extend runtime, and replace or recharge batteries when ever possible. It is a good practice to not drain the batteries completely. When you are not going to use the flashlight for a long period of time, remove all batteries from the flashlight.

Quick Start Guide

Unscrew the tailcap and insert batteries with correct polarity. Positive terminal faces the yellow brass contact, and negative terminal faces the silver spring.



To replace the tailcap, align the columns to the holes on the back of the flashlight body. Insert the tailcap and tighten snugly. (L3/L4)

Basic ON and OFF

Turn on the light at MAX output by **pressing** the **black** button switch (release within 0.4s). To turn on the light at MIN output, **press** the **white** button switch. To turn off the light, **press and release** the **black** button switch.

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



Adjusting output level

With flashlight turned on, **press and release** the **white** button switch to cycle to the next output level.

Level	Output
1st	100%
2nd	40%
3rd	13%
4th	5%
5th	1%

AUX output (all models excl. Diffuser/SR)

Press and hold the **white** button switch for 5 seconds to enter AUX setting. At AUX setting, press the **white** button to cycle to next AUX output. Exit AUX setting by turning off the flashlight.

AUX1 ▶ AUX2 ▶ ... ↻

Switching between different LED

(Side LED -S & Diffuser -D model only)
Press and hold the side switch for more than one second to toggle.

(White) Side LED model / Diffuser
SPOT ▶ FLOOD/DIFFUSED ▶ ALL ON ↻

(Color/IR/UV) Side LED model
SPOT ▶ FLOOD/DIFFUSED ↻

Instant MAX output

Press and hold the **black** button switch for 100% output. **Release** the button to return to previous level.

Instant Strobe output

Double press and hold the **black** button switch for strobe output. **Release** the button to return to previous level.



Battery level indicator (blue)

After turning on the flashlight or switching levels, it reports the battery capacity by flashing itself.

# of Flash	Battery Capacity
1	<20%
2	20-50%
3	50-80%
4	>80%



At higher output levels, the reported capacity will be lower than dimmer level. This is due to lower underload voltage at higher output levels.

When the battery is almost depleted, the flashlight output may blink due to low voltage battery. User may lower the output or recharge the battery.

Li-ion Charging (Rechargeable model)

Remove the waterproof cover and insert the charging plug to charge. The flashlight will switch off the LED output during charge automatically and reports current charged percentage by flashing the LED indicator. Charge the flashlight using the included wall adapter or optional car charger (boost circuit built-in).

# of Flash	Charge progress
1	<50%
2	50-75%
3	>75%
Constant ON	100% (done)

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



Energy saving feature

At MAX output level, this feature reduces the output current by 20% after 200 seconds to extend battery runtime.



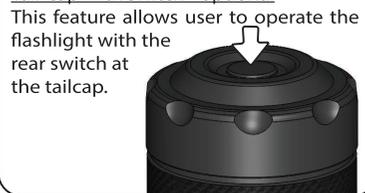
Active thermal management

(Selected models only)

After 30 seconds at MAX output level, this feature activates and continuously adjusts the MAX output according to flashlight internal temperature. The adjustment range is between 68% to 100% and it maintains the flashlight surface temperature to about 140°F (60 °C) or lower, depending on surrounding temperature.

Tail-cap with switch - optional

This feature allows user to operate the flashlight with the rear switch at the tailcap.



Color and diffuser filters - optional

(Screw-on type) Unscrew the stainless steel bezel and replace it with the screw-on filter to use.

(Cover type) Insert the filter cover directly on the flashlight head to use. The filter cover door can be locked in place using a cable tie.



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 3.7V or below per cell, 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 EAGTAC synthetic PTFE lubricant to the o-rings and thread.

Clean the battery contact and signal contact on the tailcap (for tail-cap with switch only) with a lint free cloth.

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.