

# User Manual

## GX30R SX30R MX30R

### L2 series

Regular Diffuser Turbo



EAGTAC

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

The EAGTAC GX30R, SX30R and MX30R L2 series pack huge output lumen and far projecting beam in a very convenient and compact body. They offer versatile user interface, tough build quality and rich accessories like no other. This series is especially designed for police, professionals, and hobbyists. Be crazy lumen output with you in the dark.

#### Quick Specifications

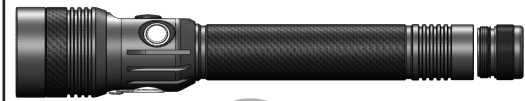
LED	CREE XP-E2/XP-G2/XM-L2/XP-L <sup>HD</sup> <sub>HI</sub> Nichia 219 / Luminus SST90/SBT70
Output	5 brightness levels + AUX
Circuit	C5000 / C6800 / C9500
Charger	1300SW II/1900SW II
Batteries	7.4V EAGTAC battery pack
Voltage	5.4V-8.4V/5.4V-12V



**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.

## Quick Start Guide

Unscrew the tailcap and **remove the battery isolation disk** at the end of the battery to use. If your flashlight does not come with battery, insert new batteries (w/ protrude top) to use. Ensure positive terminals is facing the LED. Replace tailcap and tighten snugly.

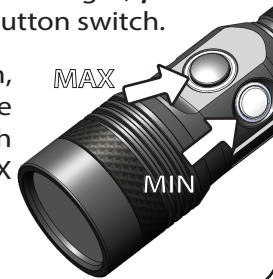


⊕ ← Battery Isolation Disk ← ⊖  
 LED (Front) Tail-cap (Back)

#### 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	45%
3rd	18%
4th	8%
5th	0.5%

#### Hidden AUX. settings

**Press and hold** the **white** button switch for 4 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 → ... → (Repeat)

#### Battery level indicator (blue)

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

# of Flash	Battery Capacity
1	<10%
2	30%
3	50%
4	>70%

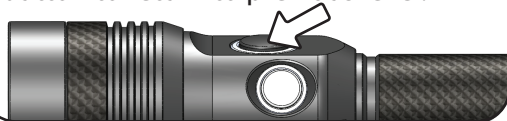


#### Instant MAX output

**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.

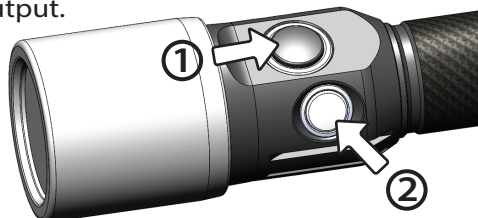


#### Energy saving feature

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

#### Diffuser output (Diffuser model)

**Press and hold** the **black** button switch and press the **white** button switch to cycle between diffused and regular output.



SPOT → DIFFUSER → ALL ON (Repeat)

#### Battery charging (rechargeable model)

Models	AC-DC Wall Charger	Watt
GX	12V 1A/10V 1.8A	12W/18W
SX/MX	10V 1.8A	18W

Remove the waterproof rubber cap and charge your flashlight with the included 12V car adapter, or AC-DC wall charger (included with kit model). It is recommended that you turn off the flashlight during charging for a fast and full charge.

LED indicator*	Charge status
Blue	Charging
LED off	Charge complete

\*Since the charging circuit and LED driver share the common output. The LED indicator may flash or light up with dim output during startup or operation. This is normal.



#### 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.



#### Battery Safety Precaution

Battery with protruding positive terminal is required for this flashlight. For rechargeable li-ion battery, use only EAGTAC 7.4V li-ion battery pack.

Always ensure the battery outer wrapping 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 whenever 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.

#### 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 less than 50% capacity, 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. Do not touch or attempt to clean the reflector, as it will damage the reflective coating.

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
- 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](mailto: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.