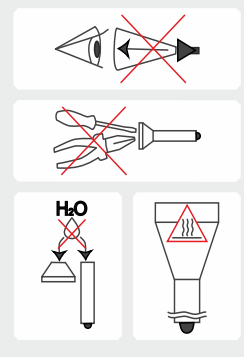## Warnings

1. Always follow the instructions from this manual and recommendations on battery usage.
2. Apply only the recommended power sources.
3. Do not reverse battery polarity.
4. Do not use different power sources together, i.e. old ones with new ones, charged with discharged. Do not use different types of batteries combined as the element with less capacity can be damaged.
5. Do not modify or recast the flashlight and its components as it will deprive you of the warranty.
6. Do not allow water or any other liquid to leak into the flashlight.
7. Do not aim a switched-on flashlight at people's or animals' eyes – it can cause temporary blindness.
8. Do not allow children to use the flashlight without your assistance.

! *The producer will not be liable for any harm done to the user if it was caused by improper use of the product.*

Care and Storage

It is recommended to clean the threads and O-rings off dirt and old grease once or twice per year. Remember that reliable protection from water and dust cannot be provided by worn out sealing. The fouling as well as lack of lubricant cause fast wear-out of threads and sealing rings. **To clean the threads do the following:**
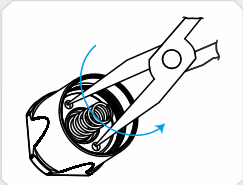
1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as they can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean the metal threads with a brush using ethanol. Be careful not to allow the applied liquid to get inside the flashlight or tailcap as it can cause fails in functionality of the flashlight.

After cleaning lubricate the thread and the sealing ring with polyalphaolefin-based silica grease, e.g. Nyogel 760G. The application of automotive and other improper grease can cause swelling and damage of the sealing rings.

In case of active operation and exploitation in dusty environments, it is recommended to perform cleaning and lubricating of the parts as often as required.

In case the rubber button is damaged, it should be replaced. You can also replace the switch with the spring in the same way. Replacement order:

1. Unscrew the tailcap.
2. Unscrew the first washer inside it to take out the switch. To do so you should use needle-nose pliers (round-nose pliers or another tool, the most suitable will be expansion pliers). Use the tool as it is shown at the picture. To replace the rubber button unscrew the second washer under the switch.
3. Replace the rubber button and assemble the parts in inverse sequence.

! *Do not disassemble the flashlight except for unscrewing the thread ring gage and replacing the rubber button. There are no other parts in the flashlight that can be replaced by the user.*

Service and Warranty

Armytek provides free warranty repair for 10 years from the date of purchase.

Warranty doesn't cover damage caused by:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures and chemicals' exposure (including the exposure of liquid from defected batteries).
5. Usage of low-quality batteries.

Armytek Optoelectronics Inc.
Web: www.armytek.com   Email: service@armytek.com
Address: 13-85 West Wilmot St, Richmond Hill, Ontario, L4B 1K7, Canada

Specifications are subject to change without notice.

Partner

THE MOST TECHNICALLY ADVANCED FLASHLIGHTS IN THE WORLD

—· USER MANUAL ·—

Thank you for choosing the products of Armytek Optoelectronics Inc., Canada.
Please read this manual carefully before using the flashlight.

Specifications

Armytek Optoelectronics Inc. is a Canadian manufacturer that produces powerful and reliable flashlights designed especially for your needs. The components made in the USA and Japan. **10 years no-hassle warranty**.
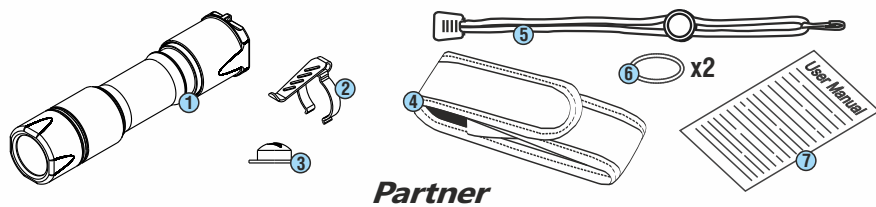
- Amazing brightness in four different sizes and with various power sources.
- Extreme beam distance for such a compact tactical light.
- TIR-optics for smooth light beam without sharp edges. No «tunnel vision» effect after continuous use.
- Solid and impact-resistant body ensures the flashlights' efficiency even after the fallings from the height of 10 meters and harsh impacts.
- The highest standard of water- and dustproof IP68 – submersion to the depth up to 10 meters.
- Compact size and small weight perfect for constant carrying in the bag, pocket or on the belt.
- Compatible with original remote switches and weapon mounts.

Model		Partner A1	Partner A2	Partner C1	Partner C2	Partner C4
LED / Optics		XP-L or XM-L2 / TIR				
Brightness stabilization type		FULL (constant light)			DIGITAL (CPU brightness control)	FULL (constant light)
Light output, LED / OTF lumens*		600 / 500	850 / 700	800 / 650	1250 / 1050	1450 / 1200
Peak beam intensity, candelas		3280	5080	4320	7560	9360
Hotspot / spill		20° / 80°				
Beam distance*		115 meters	143 meters	131 meters	174 meters	193 meters
Modes and runtimes (measured with Sanyo Eneloop AA 2000 mAh / Armytek CR123A 1500 mAh / Armytek 18650 Li-Ion 3400 mAh until the light output drops to 10% of the initial value)	Turbo	500 lm / 0.8h	700 lm / 0.8h	650 lm / 0.7h	1050 lm / 1.5h	1200 lm / 1.7h
	Main3	95 lm / 4.2h	95 lm / 8.3h	95 lm / 6.2h	410 lm / 3.8h	410 lm / 6h
	Main2	34 lm / 11.7h	34 lm / 25h	34 lm / 18h	190 lm / 9h	190 lm / 17h
	Main1	10 lm / 35h	10 lm / 75h	10 lm / 55h	32 lm / 48h	32 lm / 70h
	Firefly	2 lm / 8d	2 lm / 17d	2 lm / 13d	2.5 lm / 18d	2.5 lm / 30d
	Strobe	15Hz/500lm/1.7h	15Hz/700lm/1.7h	15Hz/650lm/1.7h	15Hz/1050lm/3h	15Hz/1200lm/3.5h
Power source		1xAA / 1x14500 Li-Ion	2xAA	1x18350 Li-Ion / 1xR123 Li-Ion / 1xCR123A	1x18650 Li-Ion / 2xCR123A / 2xR123 Li-Ion	2x18650 Li-Ion / 4xCR123A / 4xR123 Li-Ion
Size and weight (without batteries)		Length 104mm, body diameter 25.4mm, head diameter 24.5mm, weight 59g	Length 150mm, body diameter 25.4mm, head diameter 24.5mm, weight 58g	Length 88mm, body diameter 25.4mm, head diameter 24.5mm, weight 55g	Length 119mm, body diameter 25.4mm, head diameter 24.5mm, weight 61g	Length 205mm, body diameter 25.4mm, head diameter 24.5mm, weight 82g

* Light output for flashlights with Warm light are about 7% less, beam distances are about 3% less.

! *We DO NOT RECOMMEND to use LOW-QUALITY CR123A batteries as a power source for often and continuous flashlight's operation. Remember that old or low-quality disposal batteries can be damaged under heavy load and explode.*
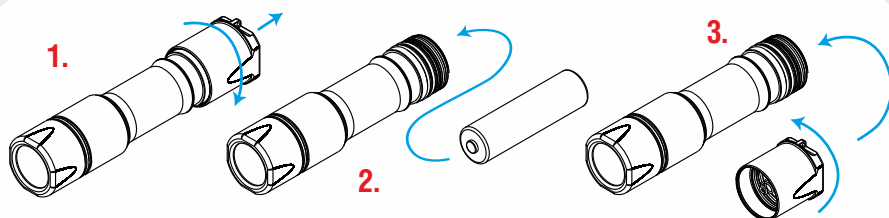
Items included in the package:

Partner

Items included in the package:

1 - Flashlight
2 - Clip
3 - Spare rubber button
4 - Holster
5 - Lanyard
6 - 2 spare O-rings
7 - User manual

!
✓ Depending on the model, your flashlight can inconsiderably differ from the pictures in the manual.
✓ The producer reserves the right to change the package at his own discretion without modifying this manual.

Initial Service

1.
2.
3.

To set/replace batteries:
  1. Unscrew the tailcap.
  2. Place the batteries with the positive contact (+) facing the head of the flashlight.
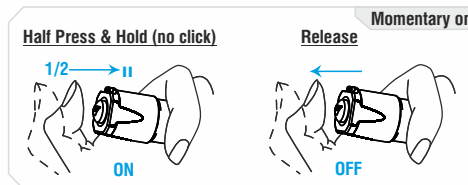 **3.** Adjust the tailcap and tighten it as far as it can go.

!
We DO NOT RECOMMEND to leave power sources inside the flashlight for a long storage period, as batteries (especially, non-rechargeable) can leak for various reasons and damage the inner parts of the flashlight. If you want to keep your flashlight in a stand-by state with batteries in, use new and quality batteries, store the flashlight in acceptable for batteries operational temperature and revise the batteries' state at least once a month. If you have noticed any signs of batteries' defects, withdraw them from the flashlight and take out of operation. It is also recommended to replace discharged batteries with new ones before the storage as the chance of leakage is higher with discharged batteries.

Operation

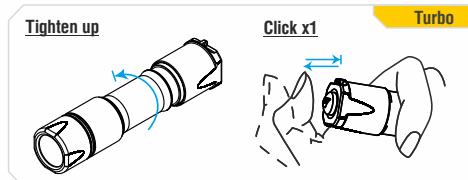The flashlight has two operational variants:

Turbo – permanently switched light at Turbo mode (activated by click with the head of the flashlight tightened up). It's an easy and comfortable operational mode for Hunters, especially when the flashlight is used with a remote switch.

Additional – permanently switched light at one of the Additional modes at user's choice (activated by click with the head of the flashlight unscrewed to 1/8). Additional modes: Firefly, Main1, Main2, Main3, Strobe (hidden).
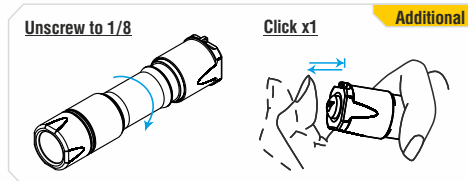
Momentary on

Half Press & Hold (no click) | **Release**
1/2 ➔ ‖
ON | OFF

Momentary on.

Any mode switched on by half-pressing of the button and active till the button is released. In Turbo mode suitable for giving signals by short button pressings. In Additional mode quick half-pressings can be used to switch modes.
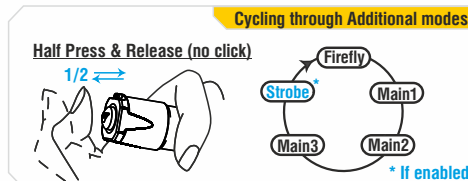
Turbo

Tighten up | **Click x1**

Turbo.

Tighten the head of the flashlight if it is unscrewed. First full click of the button turns the light on. Second full click turns it off.

Additional

Unscrew to 1/8 | **Click x1**

Additional modes (Firefly + 3 Main + Strobe (if enabled)).

If the head of the flashlight is tightened up, unscrew it for 1/8 of a circle. Full click of the button turns the light on at the last used Additional mode.

Cycling through Additional modes

Half Press & Release (no click)
1/2 ⇄
Firefly
Strobe* — Main1
Main3 — Main2
* If enabled

Cycling through Additional modes.

To switch the mode turn the flashlight off and on (by full click or half-pressing). The modes switch cyclically: Firefly - Main1 - Main2 - Main3 - Strobe (if enabled).

Adding Strobe to Additional modes

Unscrew & Tighten up x10
x10

Adding Strobe to Additional modes.

Strobe is a hidden mode which you can add or remove from the additional modes at your choice. To enable (remove) Strobe: unscrew and tighten up the head of the flashlight at least 10 times (while rotation you will change the modes). The pause must be <1 sec.

Automemorizing. After switching off the last used Mode is memorized for quick 1-click access at next switching on.

Lock-out function. Unscrew the tailcap to 1/4 for the protection from accidental switching on.

Low Battery Indication. If the brightness is <25% from the nominal value, the LED flashes 2 times ONCE (after 30sec from switching on). If you are not sure if it flashed or not switch the flashlight off and on: in case the battery is low flashes will repeat. Light output decreases to Firefly mode at critical level.

Active temperature control. The flashlight can quickly heat up in Turbo mode. When the temperature becomes +60°C – the brightness decreases by small steps. After cooling-down (provided that battery voltage is sufficient) the brightness increases to the Turbo mode again. This stepping goes cyclically to maintain the user's safety and the flashlight's functionality. In conditions of good air-cooling the flashlight delivers light without stepping down even in Turbo mode. There are no preset timers for stepping, but real-time active temperature measurements.