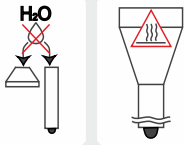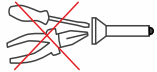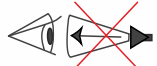## Warnings

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:**
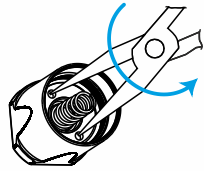
1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as they can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean 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 (excluding batteries, chargers, switches and connectors which have 2 years warranty) from the date of buy with the document confirming the purchase.

Guarantee does not extend to damage during:

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
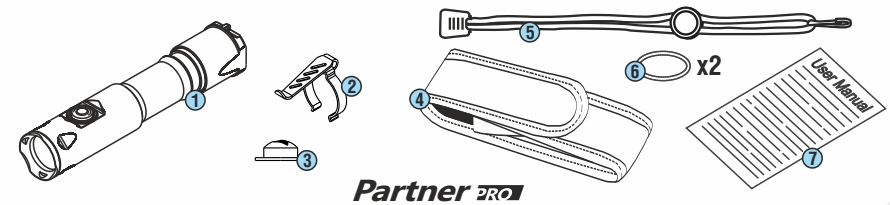
Specifications are subject to change without notice.

— · USER MANUAL · —

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

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**.
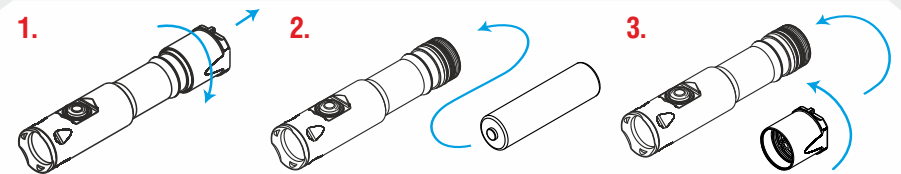
Set description

Items included in the package:

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

! ✓ *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

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 then use new and high-quality batteries and 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 then withdraw them from the flashlight and utilize. It is also recommended to replace discharged batteries with new ones before the storage as the chance of leakage is higher with discharged batteries.*

- Amazing brightness and extreme beam distance in four different sizes and with various power sources.
- TIR-optics for smooth light beam and no «tunnel vision» effect even after continuous use.
- Additional side button for comfortable one-hand operation.
- Solid and impact-resistant body ensures the flashlights' efficiency even after the fallings from the height of 10 meters.
- 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.
- Warning Indication of low battery level and real-time temperature control.

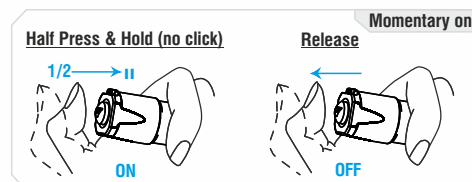| Model	Partner A1 Pro	Partner A2 Pro	Partner C1 Pro	Partner C2 Pro		Partner C4 Pro	
LED	Cree XP-L	Cree XP-L	Cree XP-L	Cree XHP35	Cree XP-L	Cree XHP35	Cree XP-L
Optics	TIR						
Brightness stabilization type	FULL (constant light)						
Light output, LED / OTF lumens*	600 / 500	850 / 700	800 / 650	2100 / 1700	1250 / 1050	2300 / 1800	1450 / 1200
Peak beam intensity, candelas	3280	5080	4320	9200	7560	11560	9360
Hotspot / spill	20° / 80°						
Beam distance*	115 meters	143 meters	131 meters	192 meters	174 meters	215 meters	193 meters
Modes, light output (OTF lumens*) 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) — Turbo2	500 lm / 0.8h	700 lm / 0.8h	650 lm / 0.7h	1700 lm / 1h	1050 lm / 1.3h	1800 lm / 1h	1200 lm / 1.7h
Turbo1	280 lm / 1.2h	280 lm / 2.8h	280 lm / 1.8h	950 lm / 1.7h	750 lm / 1.8h	950 lm / 2.8h	750 lm / 3.3h
Main3	95 lm / 4.2h	95 lm / 8.3h	95 lm / 6.2h	420 lm / 4h	410 lm / 3.5h	420 lm / 8h	410 lm / 6h
Main2	34 lm / 11.7h	34 lm / 25h	34 lm / 18h	180 lm / 10.5h	190 lm / 8.5h	180 lm / 22h	190 lm / 17h
Main1	10 lm / 35h	10 lm / 75h	10 lm / 55h	35 lm / 50h	32 lm / 36h	35 lm / 100h	32 lm / 70h
Firefly	2 lm / 8d	2 lm / 17d	2 lm / 13d	1.7 lm / 40d	1.7 lm / 18d	1.7 lm / 85d	2.5 lm / 30d
Strobe2	15Hz/500lm/1.7h	15Hz/700lm/1.7h	15Hz/650m/1.5h	15Hz/1700lm/2h	15Hz/1050lm/3h	15Hz/1800lm/2h	15Hz/1200lm/4h
Strobe1	15Hz / 240lm / 4h	15 Hz/ 240lm / 8h	15 Hz / 70lm/36h	15Hz / 240lm / 6h	15Hz / 190lm/ 17h	15Hz /180lm/ 44h	15Hz/ 190lm/ 34h
Power source	1xAA / 1x14500 Li-Ion	2xAA	1x18350 Li-Ion / 1xR123 Li-Ion / 1xCR123A	1x18650 Li-Ion / 2xCR123A / 2xR123 Li-Ion** / 2x18350 Li-Ion**	1x18650 Li-Ion	2x18650 Li-Ion ** / 4xCR123A / 4xR123 Li-Ion** / 4x18350 Li-Ion**	2x18650 Li-Ion **
Size and weight (without batteries)	Length 121mm, body diameter 25.4mm, head diameter 24.5mm, weight 69g	Length 167mm, body diameter 25.4mm, head diameter 24.5mm, weight 76g	Length 105mm, body diameter 25.4mm, head diameter 24.5mm, weight 65g	Length 136mm, body diameter 25.4mm, head diameter 24.5mm, weight 71g		Length 205mm, body diameter 25.4mm, head diameter 24.5mm, weight 82g	

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

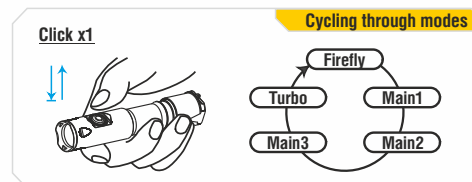** It is allowed to use only protected Li-Ion batteries.

We DO NOT RECOMMEND to use low-quality CR123A batteries, because they can explode. Turbo mode (for Partner C2/C4 Pro only) needs rechargeable 18650 Li-Ion batteries without PCB (unprotected) or with PCB which guarantees 7A discharge current for stable work.

The flashlight has 2 buttons. **Tactical button (in the tailcap**) switches the flashlight on/off. **Side button** changes the modes only.

Momentary on
Half Press & Hold (no click) — 1/2 — ON
Release — OFF

Cycling through modes
Click x1 — Firefly / Turbo / Main1 / Main3 / Main2

Press & Hold — ON / Strobe
Strobe — Press & Hold — Strobe1 ⇄ Strobe2
Click x1 — Strobe → Last used mode

How to change Turbo1 & Turbo2
Half Press x15 & Click x1 — 1/2 — x15

Low Battery Indication — Warning / Critical — 2sec / 1sec — < 25% / < 10%
High Temperature Indication — Warning / Critical — 2sec / 1sec — WARM / HOT

Momentary on. The flashlight is switched on by half-pressing of tactical button and stays active till the button is released. It is suitable for giving signals by short button pressings. Click the button to switch the light on permanently.

Cycling through modes. To switch the mode click the side button.The modes switch cyclically: Firefly – Main1 – Main2 – Main3 – Turbo.

Strobe:
When the flashlight is ON (at any permanent light mode) press and hold the side button to turn on the last used Strobe mode.
Press and hold the side button again. The modes switch cyclically: Strobe1 – Strobe2.
To switch to the last used permanent light mode click the side button once.

How to change Turbo1 & Turbo2:
There are two Turbo modes. You will use only one, but can select which one. Turbo2 is boost mode for maximal brightness and **set by default.** Switch on the flashlight by quick half-pressing of the button at least 15 times. Last switch should be clicked completely. The flashlight blinks once (confirming the selection of Turbo1) or 2 times (confirming the selection of Turbo2).
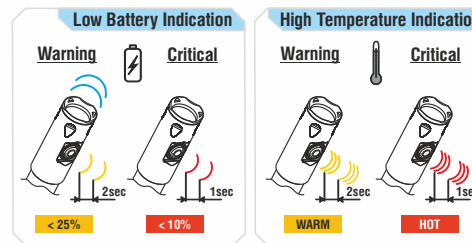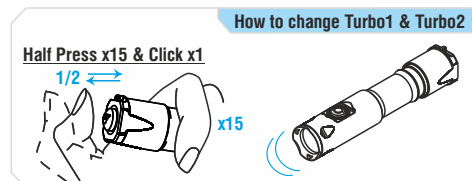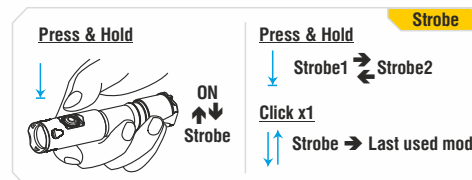
Automemorizing. After switching off the last used Mode is memorized for quick 1-click access at next switching on.

Lock-out function. Unscrew the tailcap to 1/4 for the protection from accidental switching on. State Indication will be turned off.

Constant light. Powerful electronics provide constant brightness even in the Turbo1 mode, using all energy of the battery. And the Turbo2 mode gives the maximum brightness as the Overboost technology in cars, but until temperature of a flashlight and a discharge current of the battery don't exceed critical values.

Digital Light Stabilization & Safe Soft-Start System monitors battery voltage, starts the flashlight at an admissible brightness or decreases it by steps when the voltage dramatically fall down. These actions increase runtime, use all available energy, get longer lifetime of rechargeable battery and protect it from overdischarge or overheating.

Active temperature control (for Partner C2/C4 Pro only). The flashlight can heat up in Turbo mode quickly. When the temperature become +60ºC – 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.

Multicolor State Indication. Shows the battery level by short flashes every 5 seconds. Partner C2/C4 Pro have State Indication in OFF state and Firefly modes.

Switching Multicolor State Indication ON/OFF (for Partner C2/C4 Pro only). It is switched off by default in OFF-state and Firefly modes. To turn on and off: unscrew the tailcap to 1/4, press the button and holding the button pressed - tighten the tailcap and then unscrew it again. The settings will be memorized even when battery is changed.

Warning indication shows the battery level and the temperature inside the flashlight.

Low battery level. When it is < 25%, the color LED will show the warning level – flashing in orange color once in 2 second. With a further voltage reducing brightness will start to decrease in steps for safety of the battery and user. If the brightness will be <25% from nominal value, the main LED will flash 2 times ONCE. Critical battery level <10% is red indicated once a second.

High temperature (for Partner C2/C4 Pro only). When it increases to the warning level – the color LED flashes by orange 3 times once in 2 seconds. At critical level – it flashes by red 3 times once in 1 second, brightness starts to reduce. After cooling down the brightness increases to usual level.