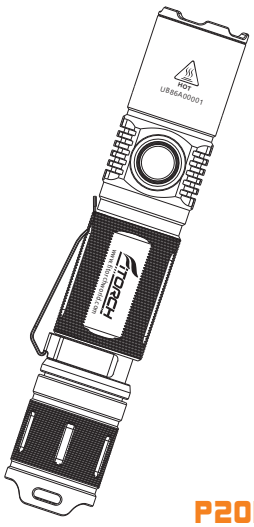

P20RGT

USER MANUAL

P20RGT is a slender, compact integrated shell owns 4 level lumen output, strobe and SOS flashlight with a stunning 1180 lumens maximum output that can be used as a primary or backup light for patrol officers or a duty light for plainclothes officers. It's also ideal for everyday-carry, self-defense, or outdoor applications.

Caution

- Turn on in “strobe” mode may cause seizure in persons with photosensitive epilepsy.
- When operated for a long time, it will get uncomfortably warm. This is NORMAL and is not a defect.
- NO charge cell phone when uses 2*CR123R batteries.

Features

- High-strength aerospace aluminum body, Mil-Spec hard anodized for extreme durability.
- Compact integrated anti-roll housing with removable bezel.
- Coated tempered resists impact glass In high light transmittance.
- Metal filmed reflector to create a high intensity beam.
- Dual Switch (Tailcap and push side switch).
- Maximum output of 1180 ANSI lumens.
- High, Medium, Low, Ultra Low brightness and Strobe, SOS function.
- Rechargeable Micro USB port.
- Charge mobile devices as a portable power (only works In rechargeable batteries)
- IPX-8 water resistance, 2 meter impact resistance tested.

ANSI Chart

FL 1 STANDARD	HIGH	MEDIUM	LOW	ECO	STROBE	SOS
OUTPUT	1180LM	300LM	100LM	5LM	1180LM	300LM
RUNTIME	1.5h	3.8h	18h	181h	2.5h	
INTENSITY	18,600cd					
DISTANCE	245m(Max)					
WATERPROOF	IPX-8					
IMPACT RESISTANCE	2m					

The above running time data tested on the Fitorch lab In regular ambient temperature, use 1*18650 3500mAh SANYO Li-on rechargeable battery, different batteries may get tolerance data when compares with it.

Specification

- LED: Cree XP-L
- Input: DC2.75V-8.4V
- Output: max 1180 lumen
- Reflector: precise metal filmed
- Glass: filmed mineral glass
- Material : HA-III military hard-anodized finish aluminum alloy
- Housing: Premium Type III hard-anodized anti-abrasive finish of black
- Switch: Tailcap and side Switch
- Size: head: Ø 1.0 inch/ Ø25.4mm, housing: Ø 1.0 inch /Ø25.4mm, Length: 5.64 inch/143.5mm
- Weight: 3.46 Ounces/97g(exclude battery)

WeChat

Website

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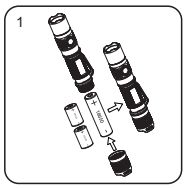
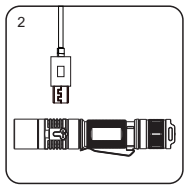
CE RoHS

Manual

- **Battery Load**: Insert the 1*18650 ,2*CR123A or 2*16340 as illustrated.
- **On/Off**: Hold and click the tail cap on, again off.
- **Changing Illumination Modes**: With the light turned on, quick press the side switch. The light will cycle through the illumination modes in the following order: **High–Medium–Low–Ultra Low–Low–Medium–High**, flashlight has memory function when battery inside.
- **Activating Strobe and SOS Modes**: With the light on, double tapping the side switch will activate Strobe mode, repeat to activate SOS mode.
- **Power Level Detection**: Sustained press the side metal switch then click the tailcap switch, the lamp underneath the side switch will blink Green and Red. Each Green blink indicates 1.0 volt and each Red blink indicates 0.1 volt. For instance, if your battery level is at 3.8 volts, you will see 3 Green blinks and 8 Red blinks.
- **Location Beacon**: When power off, quick press the side switch 4 times and the indicating LED around the side switch will start blinking. The indicating LED will blink once every two-seconds. Quick press the side switch to return to normal illumination modes.
- **Power recharging**: lift the black rubber cap and connect the USB cable Included to the Micro USB port then Insert another end to the USB outlet as below guide, please note when torch is recharging In USB cable, the lamp will blink In green and finally stay In green when battery full charged, can only work In LOW mode in order to prevent battery from damage, once the cable connect the USB outlet will recharge battery and flashlight will power on whether the tail switch click on or not, press the side switch, power off.(**please click the tailcap switch on, It will improve the speed of recharge**)
- **Charge mobile devices**: when uses 1*18650 or 2*16340 rechargeable Li-on batteries, connect the Micro USB port and USB convert OTG kit In the cable Included, then connect the power charge port of mobile devices such as cell phones, then click the tail switch, power on (the torch can still work in LOW mode while charging, press the side switch once, power off), meanwhile the lamp will blink In green &red.





Power Tips

- Low power warning, when voltage less 3.4V, slow Green blinks, less 3.0V, quick Red blinks.
- This torch has power auto detection function, if battery capacity less 10% of total, will jump on the lower brightness switch intelligently to avoid the battery over discharge.

Accessories

- Standard: USB Cable, USB OTG kit, removable pocket clip, Lanyard, holster, spare waterproof ring and snap cap
- Optional: battery and recharger

Battery

Rechargeable Li-on battery	1*18650 3.7V
Rechargeable Li-on battery	2*16340 3.7V
Lithium	2*CR123A 3.0V

Store and maintenance

- Disassembling the sealed head will damage the lights and void the warranty.
- High quality batteries are recommended.
- O-ring will be wear after a Long-term use, change it (included) spare one to maintain watertight seal.
- Unload the batteries if assure the torch won’t use a bit of long time, then better put It into Inner box.
- Store and keep the torch off fire, statics, steaming and humidity surroundings.
- Clean the body with soft fabric clothing then lubricate In silicon grease per half a year.
- Periodic cleaning of batteries contacts to improve the flashlight performance as dirty contacts cause the lamp flickering, shine intermittently or even fail to illuminate for below factors:

  A: Battery need replacing (choose the battery which mentions on this manual)

  B: PCB, Spring or other contacts is dirty (clean the contacts In cotton swab In soaked rubbing alcohol)

Warranty

- Any problems happened during 15 days after sold, you can get a new replace one from the local distributors or dealers.
- We provide 60 months(5 years) warranty for free after sold out, over 60 months, only collect the cost of main parts for replacement.

Unwarrantable

- Damage, destruction, disassembly, reconstruct and unauthorized modify on purpose.
- Destruction caused improper use.
- Damage for batteries leakage.

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