

**GPDesign**

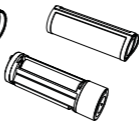
Multi-power Flashlight

**PSR52**

**User Manual**



Battery holder for Alkaline/  
NiMH AAA batteries



Battery type:  
1 x Li-ion 18650 (included)  
2 x Lithium CR123A  
3 x Alkaline AAA  
3 x NiMH AAA

Battery holder for Li-ion 18650/  
Lithium CR123A batteries



## Charging Li-ion 18650 battery\*

1. Unscrew the tail cap (A) and take out the Li-ion 18650 battery.
2. Connect the micro connector of the USB charging cable to the input port of the charger.
3. Connect the type A connector of the USB charging cable to a USB power source. The LED will flash red and then green for a second to indicate it's ready for charging.
4. Insert the Li-ion battery into the charger according to the battery polarity.
5. Operation starts. Refer to the LED indication for the status for each battery.

Power connected	Flash Red & Green Once
Charging in Progress	Constant Red
Charging Completed	Constant Green
Bad or Wrong Battery	Flashing Red
Reversely Connected	Flashing Red

6. Once the operation has been completed, disconnect the charger from the wall socket. The LED will turn red during charging and turns green when the battery is fully charged.

\* Read the charger (L111) user manual before charging Li-ion 18650 battery.

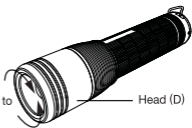
## Fitting batteries (Alkaline/NiMH AAA):

1. Make sure flashlight is off and unscrew the tail cap (A).
2. Remove old batteries and install new batteries in the correct polarity. Insert new batteries according to the polarity indications (+) and (-) marked on the battery holder. Care to install all three batteries as described as failure to do this may cause damage to the flashlight.
3. Screw the tail cap back into place. The torch is now ready for use.
4. Do not use non-rechargeable batteries and rechargeable batteries together.

Dual switch:  
Mode switch (C)  
Main switch (B)



Rotate head to  
adjust focus



## Operation

Rotate head (D) to adjust focus.

When light off:

Press (B) → On → Press (B) → Off

Half press (B) → Momentary on → Release → Off

Press (B) → High → Press (C) → Medium → Press (C) → Low →  
Press (C) → Eco (the cycle repeats)

Flashlight memorizes last output used

Press (C) 3 times within 1 sec → SOS

Press (B) → High  
Press (C) → Off

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Press (C) → Instant strobe

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Press (C) → Hold >5 sec → Continuous strobe —  $\left\{ \begin{array}{l} \text{Press (B)} \rightarrow \text{High} \\ \text{Press (C)} \rightarrow \text{Off} \end{array} \right.$

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#### When light on:

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Press (C) 3 times within 1 sec → SOS —  $\left\{ \begin{array}{l} \text{Press (B)} \rightarrow \text{Off} \\ \text{Press (C)} \rightarrow \text{High} \end{array} \right.$

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Press (C) → Hold >3 sec → Continuous strobe —  $\left\{ \begin{array}{l} \text{Press (B)} \rightarrow \text{Off} \\ \text{Press (C)} \rightarrow \text{High} \end{array} \right.$

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#### Lockout mode when light on/off:

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Press (C) 7 times within 2 sec → Flashes twice — Lockout mode activated → When (C)/(B) is pressed, flashlight flashes once momentarily to show in lockout mode

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When lockout mode is activated → Press (C) 7 times within 2 sec → Flashes twice — Deactivated

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## Features

- Multiple battery options - compatible with 1 x Li-ion 18650/ 2 x Lithium CR123A/3 x Alkaline AAA/3 x NiMH AAA batteries.
- Light modes: High/medium/low/eco + strobe, SOS and momentary -on.
- Dual switch for ease of use and operation.
- Focus: one-handed adjustable focusing.
- Intelligent memory circuit recalls last light output used.
- Durable aircraft grade aluminum body with hard. wearing anodized protective coating.
- Polarity protection and PWM regulation for accurate light output.
- Tail-stand and anti-roll.

## Specifications

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Lumen output*:	1050 lm/525 lm/160 lm/50 lm
Candela*:	10850 cd
Beam distance*:	210 m
Runtime*:	2 h/3 h 45 mins/10 h 30 mins/65 h
IP rating:	IPX8
Impact resistance:	1,5 m
Battery type:	Li-ion 18650/Lithium CR123A/ Alkaline AAA/NiMH AAA
LED:	Cree LED
Weight:	135 g without batteries
Dimension:	137 x 35 mm

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\* Note: The above data is based using a GP 3.7 V/2600 mAh Li-ion 18650 battery according to ANSI FL1 standard. Data will vary if an optional power source such as Lithium CR123A/Alkaline AAA/ NiMH AAA is used.

## Safety Instructions and Warnings

### Batteries

Use 1 x Li-ion 18650 battery with integrated overcharge and over-discharge Protection Circuit Module (PCM). Failure to use high quality batteries with PCM may result in damage to the flashlight and battery.

### Replacing battery

When changing batteries first switch off flashlight before removing tail cap (A) and install new batteries in the appropriate battery holder. Screw the tail cap when batteries have been correctly fitted according to prescribed polarity markings on the battery holder (+) and (-). Care should be taken that the batteries are installed in accordance with the battery polarity.