

PX18  
Multi-Function Flashlight  
USER MANUAL

## Product Overview

The PX18 is a high-performance, multi-function flashlight featuring a combination of a Spotlight (SFT25), Triple Floodlights (XPG4), and an RGB side light. It integrates powerful white light, colored lighting, warning signals, and a candle mode into one versatile tool. Equipped with an intuitive magnetic control dial and button switch, it is powered by a built-in 5000mAh 21700 battery with Type-C fast charging. The magnetic tail allows secure hands-free attachment to metal surfaces, and the included metal clip enables easy carry on gear or clothing. Px18 is the ideal choice for your outdoor adventures, everyday carry, and emergency lighting.

## Specifications

| Item              | Specification                                    |
|-------------------|--------------------------------------------------|
| LED               | Spotlight SFT25 + Floodlight XPG4*3 + Side light |
| Battery           | Built-in 21700 Lithium Battery - 5000mAh         |
| Charging Method   | Type-C Interface                                 |
| Operating Voltage | 2.8V - 4.2V                                      |
| Dimensions        | 54mm (W)*32mm (H)* 114mm (L)                     |
| Weight            | 254g                                             |
| Material          | 6N01-T6 Aluminum Alloy                           |
| Surface Treatment | Anodized / Micro-arc oxidation (PMAO)            |
| Waterproof Rating | IP67                                             |
| Reflector Type    | Smooth Reflector + Lens                          |

|             |                                       |
|-------------|---------------------------------------|
| Lens Type   | Anti-Reflective Coated Tempered Glass |
| Switch Type | Magnetic Control Dial + Button Switch |

### Key Features

- Multi-Light Source System: Long-throw white light + Triple flood lights + RGB colored light + Candle light
- Strong Magnetic Tail: Securely attaches to metal surfaces, freeing your hands
- Removable Metal Clip: Easy attachment to backpacks, pockets, belts, etc.
- Magnetic Control Dial: Quick selection of operating modes
- Type-C Fast Charging: Supports 5V/2A charging
- IP67 Waterproof: Suitable for harsh environments

## Usage Modes

- 1.White Light Spotlight Mode**  
Suitable for long-distance illumination with a concentrated beam.
- 2.Triple-Light Flood Mode**  
All three main LEDs work simultaneously, providing even and soft light ideal for close-range, wide-area lighting.
- 3.RGB Colored Light Mode**  
Supports seven color changes, can be fixed or flashing, suitable for ambience creation and signal indication.
- 4.Candle Mode**  
Simulates a real candlelight effect with soft light, perfect for camping, power outages, and other scenarios.
- 5.Warning Light Mode**  
Red and blue alternating flash, suitable for road warnings, emergency distress signals, etc.

## PX18 Data

|                   | Dual Light (Spot+Flood) |              |            |            | Side light |
|-------------------|-------------------------|--------------|------------|------------|------------|
| Mode              | Turbo 1                 | Strobe       | SOS        | RGB+Candle |            |
| Output            | 3,500 Lumens            | 3,500 Lumens | 500 Lumens | ---        |            |
| Runtime           | 3h                      | ---          | ---        | ---        |            |
| Mode              | Turbo 2                 | High         | Medium     | Low        | ECO        |
| Spotlight         | 1,700 Lumens            | 1,000 Lumens | 350 Lumens | 75 Lumens  | 15 Lumens  |
| Runtime           | 3.5h                    | 4h           | 8h         | 13h        | 250h       |
| Floodlight        | 2,300 Lumens            | 1,200 Lumens | 400 Lumens | 90 Lumens  | 15 Lumens  |
| Runtime           | 3.2h                    | 3.8h         | 8h         | 13h        | 250h       |
| Intensity         | 31,985cd                |              |            |            |            |
| Disance           | 350m                    |              |            |            |            |
| Waterproof        | IP67                    |              |            |            |            |
| Impact Resistance | 1m                      |              |            |            |            |

Note: all datas above were generated in Fitorch lab. Differences may happen basing on usage and conditions.

## Operation Instructions

- 1.Installing the Battery**  
Insert the 21700 lithium battery with the positive pole facing the head, then tighten the tail cap.

### 2.Mode Selection

- Lockout Mode:** Power off and lock to prevent accidental activation.
- Spot Mode:** Click to turn On/Off. Long press to cycle through brightness levels (Moonlight -> Low -> Medium -> High). The cycle has memory. Double-click for Turbo. Triple-click for Strobe, triple-click again for SOS. When off, long press to activate Dual Light (Spot + Flood) mode.
- Flood Mode:** Click to turn On/Off. Long press to cycle through brightness levels (Moonlight -> Low -> Medium -> High). The cycle has memory. Double-click for Turbo. Triple-click for Strobe, triple-click again for SOS. When off, long press to activate Dual Light (Long-throw + Flood) mode.
- RGB Mode:** Long press to change colors. Double-click for color flashing. Triple-click for Red/Blue Warning Light.
- Candle Mode:** When off, quickly double-click the switch and hold the second press for 2 seconds until entering Candle Mode.

### 3.Using the Magnet and Clip

- Place the flashlight tail close to a metal surface for secure attachment.
- Use the clip to attach the flashlight to backpacks, pockets, hat brims, etc., for convenient carrying.

### 4.Battery Indicator (Side Light)

- In white light mode, the side light will light up for 5 seconds after powering on to indicate the battery level.
- Battery > 50%: Green light
  - Battery 10% - 50%: Red light flashes slowly.
  - Battery < 10%: Red light flashes quickly.

### 5.Charging Indication

- In white light mode, the side light will light up for 5 seconds after powering on to indicate the battery level.
- Green Flash: Charging.
  - Constant Green: Charging Complete.

## Usage and Maintenance

- Disassembling the sealed head will damage the flashlight and void the warranty.
- This flashlight uses a built-in, non-removable battery. Do not disassemble the battery yourself.
- The O-rings will wear out over time. Replace them promptly to maintain the flashlight's seal.
- Store the flashlight away from fire sources, static electricity, steam, and humid environments.
- Clean the body with a soft cloth. Apply silicone grease to the O-rings every six months for lubrication.
- Periodic cleaning of batteries contacts to improve the flashlight performance as dirty contacts cause the lamp flicking, shine intermittently or even fail to illuminate for below factors(Built-in battery excluded).  
A: Battery needs 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)
- When using the magnetic function, ensure the surface is flat and clean to maintain magnetic force.

## Precautions

- Do not shine the light directly into eyes, as it may cause visual discomfort or temporary flash blindness.
- Prolonged use will cause the flashlight body to heat up. Please be cautious to avoid burns.
- When the battery level is below 10%, stop using the flashlight and charge it promptly to avoid battery damage.
- Do not use in high-temperature, flammable, or explosive environments.

- When charging, use the provided or certified Type-C charging cable.
- When using the magnetic function, ensure it is securely attached to prevent the flashlight from falling.
- If the flashlight will not be used for an extended period, perform a full charge-discharge cycle every three months for battery maintenance.

## Warranty & Service

- If you find any problems within 15 days of purchase, you can contact your local Fitorch dealer for a replacement.
- We offer a 5-year (60-month) free warranty for functional issues under normal use.

## This warranty does not cover:

- Damage caused by human actions, disassembly, or modification of the product.
- Damage resulting from failure to follow the instructions in this manual.
- Damage caused by battery leakage or water ingress.
- Damage caused by impact or dropping.
- Damage caused by the entry of foreign objects.
- Unauthorized repairs or the use of non-original accessories.

This after-sales policy applies only to the original owner of the product. It does not apply to resold, stolen, modified products, or unreasonable unauthorized use, and does not cover accessories, packaging, etc., related to this product.

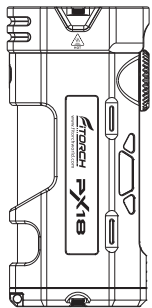


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PX18  
多功能手电筒  
使用说明书

## 产品概述

PX18是一款高性能、多功能的专业照明工具，采用聚光SFT25 + 泛光XPG4\*3 + 侧灯多光源组合，集强光照明、RGB彩光、警示闪烁、蜡烛模式于一体。配备波轮磁控+按键开关，操作直观便捷；内置5000mAh 21700锂电池，支持Type-C快充，具备IP67级防水与1米防摔能力。尾部设有强磁铁，可稳固吸附于金属表面；标配高品质金属背夹，可轻松夹载于背包、口袋、帽檐等位置，进一步拓展使用场景。白光主灯为远射光型，射程远。光斑集中；三灯组合为泛光照明，光线均匀柔和，适合近距离大范围照明；侧面配备RGB多色彩光源，集实用性于赏玩性于一体，是您户外探险、日常携带、应急照明的理想选择。

## 产品规格

| 项目   | 参数说明                       |
|------|----------------------------|
| LED  | 聚光SFT25 + 泛光XPG4*3 + 侧灯    |
| 电池   | 内置21700锂电池-5000mAh         |
| 充电方式 | Type-C接口                   |
| 工作电压 | 2.8V - 4.2V                |
| 尺寸   | 54mm(宽)× 32mm(高)× 114mm(长) |
| 重量   | 254g (不含配件)                |
| 材质   | 6N01-T6铝合金                 |
| 表面处理 | 阳极氧化/微弧氧化(PMAO)            |
| 防水等级 | IP67 (水下1米)                |

|      |             |
|------|-------------|
| 光杯类型 | 光面光杯+透镜     |
| 镜片类型 | 抗反射镀膜钢化玻璃   |
| 开关类型 | 波轮磁控 + 按键开关 |

**特色功能**  
**多光源系统：**远射白光 + 泛光三灯 + RGB彩光 + 蜡烛灯  
**强磁吸附尾部：**可牢固吸附于金属表面，解放双手  
**可拆卸金属背夹：**便于夹载于背包、口袋、腰带等位置  
**波轮磁控切换：**快速选择工作模式  
**Type-C快充：**支持5V/2A充电  
**IP67防水：**适用于恶劣环境

## 使用模式

- 1.白光远射模式**  
适用于远距离照明，光线集中。
- 2.三灯泛光模式**  
三颗主灯同时工作，光线均匀柔和，适合近距离大范围照明。
- 3.RGB彩光模式**  
支持七种颜色切换，可固定或闪烁，适合氛围营造与信号指示。
- 4.蜡烛模式**  
模拟真实烛光效果，光线柔和，适合露营、停电应急等场景。
- 5.警示灯模式**  
红蓝交替闪烁，适用于道路警示、紧急求救等场合。

## PX18数据

|      | 聚光+泛光 (双光源)  |              |            |           | 彩光        |
|------|--------------|--------------|------------|-----------|-----------|
| 模式   | 特亮           | 爆闪           | SOS        | RGB+烛光    |           |
| 输出   | 3,500 Lumens | 3,500 Lumens | 500 Lumens | ---       |           |
| 续航   | 3h           | ---          | ---        | ---       |           |
| 模式   | 极亮           | 高亮           | 中亮         | 低亮        | 月光        |
| 聚光输出 | 1,700 Lumens | 1,000 Lumens | 350 Lumens | 75 Lumens | 15 Lumens |
| 续航   | 3.5h         | 4h           | 8h         | 13h       | 250h      |
| 泛光输出 | 2,300 Lumens | 1,200 Lumens | 400 Lumens | 90 Lumens | 15 Lumens |
| 续航   | 3.2h         | 3.8h         | 8h         | 13h       | 250h      |
| 光强   | 31,985cd     |              |            |           |           |
| 射程   | 350m         |              |            |           |           |
| 防水等级 | IP67         |              |            |           |           |
| 防跌落  | 1m           |              |            |           |           |

以上数据是由Fitorch实验室测试得出，不同的测试环境及条件将有可能会对数据产生影响。

## 操作方法

### 1. 安装电池

装入21700锂电池，正极朝向灯头方向，旋紧尾盖。

### 2. 波轮模式选择

- 锁机模式：**关机锁定，防止误触
- 远射模式：**单击开关机，长按循环调光（微→低→中→高），循环档位有记忆功能双击极亮，三击爆闪,再次三击SOS;待机状态下，长按启动远光+泛光全光源模式。
- 三灯泛光模式：**单击开关机，长按循环调光（微→低→中→高），循环档位有记忆功能双击极亮，三击爆闪,再次三击SOS;待机状态下，长按启动远光+泛光全光源模式。
- RGB模式：**长按切换颜色，双击闪烁，三击红蓝警示灯。
- 蜡烛模式：**待机状态下,连续按两下开关，第二下按下去后不松手，并保持2s直至进入蜡烛模式。

### 3. 磁吸与背夹使用

- 将手电尾部贴近金属表面即可牢固吸附。
- 使用背夹可固定于背包、口袋、帽檐等位置，方便随身携带。

### 4. 电量提示（侧灯指示）

- 绿灯: 电量>50%
- 红灯闪烁: 电量10% - 50%
- 红灯快速闪烁: 电量 <10%

### 5. 充电提示 使用Type-C充电线连接5V/2A适配器：

- 绿灯呼吸：充电中
- 绿灯常亮：充电完成

## 使用和保养

- 拆卸密封的筒头将会损坏手电筒并导致保修服务无效。
- 建议使用高品质电池。
- 长期使用后会造成磨损，请及时更换以保持手电筒的密封性。
- 储存手电筒时需远离火源、静电、蒸汽和潮湿环境。
- 请用柔软的织物清洁机头，然后每半年用硅脂润滑一次。
- 定期清洁电池接触点，以提高手电筒的性能，因为肮脏的接触点会导致灯闪烁、间歇性发光甚至无法点亮。以下因素包含在内(内置电池除外)：  
A: 电量不足( 按此说明书更换电量充足的电池 )  
B: PCB, 弹簧 或其它接触点脏污(用棉签沾取外用酒精清洁)
- 使用磁吸功能时请确保吸附表面平整、洁净，以保持吸附力。

## 注意事项

- 请勿将光线直射入眼，以免造成视觉不适。
- 长时间使用手电筒会造成手电筒外壳发热，请注意以避免烫伤。
- 当电量低于10%，请停止使用，并及时充电以避免电池损坏。
- 请勿在高温、易燃易爆环境中使用。
- 充电时请使用配套或认证Type-C充电线。
- 使用磁吸功能时请注意避免手电跌落，确保吸附稳固。
- 如长期不使用，请每三个月对电池进行一次充放电维护。

## 售后

- 自购买日15天内如发现有任何问题，可以与当地的Fitorch经销商联系更换。
- 正常使用情况下发生功能性问题，我们提供5年（60月）的免费保修期。

## 本保固服务不适用以下情况

- 人为破坏、拆解及改装本产品。
- 未按本说明书指示操作导致产品损坏。
- 电池漏液导致产品损坏。
- 撞击或跌落致本产品损坏。
- 产品进水或因异物进入导致本产品损坏。

此售后政策仅适用于产品原始拥有者，对于转卖、盗窃、改装或未经授权的不合理使用不适用，也不包含本产品相关的配件、包装等。



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说明：

1.展开尺寸为464\*80mm 折后尺寸为58\*80mm

2.印刷:橙色+黑色两色双面印刷

3.材质:128G铜版纸