

EC05
USER MANUAL

EC05 is a pen light with tail-cap switch, using a CREE XP-G2 LED, and powered by 2*AAA batteries. The weight is only 31.2g, but the max output can reach 215 lumens. It features 3 modes (High-Medium-Low) and Strobe function designed for outdoor sports and family travelling as a backup lighting gear. Besides, for its slender body, it is also an ideal tool for the dentist and industrial workers.

Caution

- “Strobe” may cause seizure in persons with photosensitive epilepsy.
- After using a long time, the light will be warm. This is NORMAL and is not a defect.

Features

- Uses Cree XP-G2 LED with a lifespan of 50,000 hours
- Uses 2*AAA(Ni-MH, Alkaline)battery
- $\phi 15.3 \times L129.2$ mm, 0.6*4.97inch (body diameter*length)
- Weight: 31.2g(1.1oz) excluding battery
- Maximum output of 215lms, 65m beam distance
- High-strength aerospace aluminum body
- Coated tempered resists impact glass In high light transmittance
- Metal filmed reflector to create a high intensity beam
- Waterproof O-ring and gasket sealing
- Smart temperature control system assure stable output
- High, Medium, Low modes and Strobe function
- Removable pocket clip, nylon holster and Lanyard, cap,2*AAA batteries included.
- IPX-8 water resistance, 1 meter impact resistance tested.

ANSI Chart

FL 1 STANDARD	HIGH	MEDIUM	LOW	SOS
Output (lumens)	215LM	70LM	10LM	215LM
Runtime (hours)	2h	8h	40h	4h
Max light intensity (cd)	1,600cd			
Max Range (meters)	80m			
Impact Resistance (meters)	1m			
Waterproof Rating	IPX-8			

The above parameters are lab-tested by Fitorch with two AAA alkaline batteries. The data may vary due to different environments.

Specification

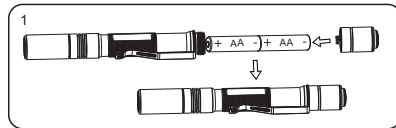
- LED: 1* CREE XPG2
- Input: 2.0Vdc-3.0Vdc
- Output: Max 215 lumens
- Reflector: Precise metal filmed
- Glass: Filmed mineral glass
- Material: Aluminum body
- Housing: Premium hard-anodized anti-abrasive finish
- Switch: Single tail switch
- Size: $\phi 14.4 \times \phi 15.3 \times L129.2$ MM
- Weight: 31.2g (battery excluded)

Accessories

Standard: Removable pocket clip, Lanyard, holster, Spare O ring, Tail Cap and 2*AAA batteries

Manual

- **Battery Installation**
Battery Load: Insert the 2*AAA (Ni-MH, Alkaline) as illustrated.(1#).
- **On/Off**
Press the tail-cap switch to turn the light on, and then press the tail-cap switch again to turn the light off.
- **Different Outputs Switching**
When the light is on, click the tail button, the light will be off. Click the button again; the light will go access to the next brightness level. With this operation, the light will cycle through the illumination modes in the following order: High-Medium-Low-Strobe-high.
- **Tips**
Using EC05 in High mode in a long time will make its body hot. To avoid overheating, the temperature control system inside of flashlight will automatically make the light from high mode to the mid mod after 3 minutes of operating.



Battery

AAA	2*Alkaline Battery
AAA	2*Ni-MH Battery

Web: www.fitorchworld.com

Store and maintenance

- Disassembling the sealed head or built-in battery will damage the lights and void the warranty
- Store and keep the light from fire, statics, steaming and humidity surroundings

Warranty

- 15 days free replacement: Fitorch will replace a new replacement within 15 days from purchase date for any manufacturing defects happen in normal use. If the model has been discontinued, customers will receive a product with similar or improved model;
- 5 years (60 months) free repairs: Fitorch will offer free repair within 5 years for lights from the date of purchase if problem happen in normal use;
- Limited lifetime warranty: Over 5 years, Fitorch will provide lifetime repairs but charge for parts.

The free warranty does not cover any damages or failure caused by:

- Normal wear;
- Rough operation;
- Improper operations;
- Salt water and corrosive damage to the light

Web: www.fitorchworld.com



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Website

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说明:

1.展开尺寸为180*90mm 折后尺寸为60*90mm

2.印刷:橙色+黑色两色双面印刷

3.材质:128G铜版纸