



HC25

Multi-functional Flashlight/Headlamp

USER MANUAL

Product Overview

The HC25 is a professional multi-function flashlight and headlamp featuring a CREE XHP50.2 LED and powered by a high-capacity 18650 lithium battery. Its versatile design integrates a magnetic base for secure attachment to metal surfaces and includes an adjustable headband for hands-free use. Ideal for outdoor activities, professional work, and emergency situations, the HC25 delivers powerful, reliable illumination with extended runtime.

Specifications

Item	Specification
LED	CREE XHP50.2 , 6000K
Battery	18650 Rechargeable Li-ion (2600mAh)
Charging Method	Type-C Port
Operating Voltage	2.8V - 4.5V
Dimensions	φ25 x L112mm
Weight	110g (headband excluded)
Material	6N01-T6 Aluminum Alloy
Surface Treatment	Black, Grade III Hard Anodized
Waterproof Rating	IPX8 (Submersible up to 2 meters)
Lens Type	Lens
Switch Type	Side Switch Button
Special Features	Magnetic Tailcap, Detachable Clip, Headlamp Mode

Usage Modes

- Flashlight Mode**
Can be used directly as a handheld flashlight for convenient and flexible directional lighting.
- Headlamp Mode**
Attach the flashlight to the mounting bracket of the included headband to wear on your head, freeing your hands. The light moves with your line of sight, ideal for hiking, camping, repairs, etc.
- Magnetic Mode**
The tail cap contains a strong magnet, allowing it to be securely attached to ferrous metal surfaces like vehicles, machinery, pipes, or shelves, instantly becoming a hands-free work light. Perfect for repairs and inspections.
- Clip Mode**
Use the included high-quality detachable clip to easily attach the flashlight to backpack straps, pockets, belts, hat brims, etc., for convenient carry and quick access – true portable lighting.

HC25 Data

FL1 STANDARD	TURBO1	TURBO2	HIGH	MEDIUM	LOW	ECO	Strobe	SOS
OUTPUT	1,700 Lumens	1,200 Lumens	700 Lumens	300 Lumens	150 Lumens	15 Lumens	1,700 Lumens	300 Lumens
RUNTIME	2.5h	3h	7h	17h	35h	395h	—	—
INTENSITY	28,500cd							
DISTANCE	250m							
WATERPROOF	IP68							
IMPACT RESISTANCE	1m							

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

Operation Instructions

- Installing the Battery**
Insert the 18650 lithium-ion battery with the positive terminal (+) facing towards the flashlight head. Tighten the tail cap securely.
- Switching and Mode Adjustment**
 - On/Off:** Press the switch button once to turn on/off.
 - Mode Switching:** While the light is on, press and hold the switch button to cycle through brightness modes in this sequence: Extreme → High → Medium → Low. The light memorizes the last used mode (except Turbo/Moonlight).
 - Turbo Mode:** Double-click the switch button to activate Turbo mode (1700 lumens). Double-click again to exit and return to the previous mode.
 - Strobe&SOS:** Click the button 3 times constantly to activate Strobe, and click the button 3 times again to enter SOS.
 - Moonlight Mode:** While the light is off, press and hold the switch button for 1-2 seconds to activate Moonlight mode (15 lumens).
 - Lock/Unlock:** From Moonlight mode, continue holding the switch button for about 2 seconds to activate the electronic lock (the light will blink twice). To unlock, press and hold the switch button for about 2 seconds again until it blinks.
- Battery Level Indicator**
After installing the battery and tightening the tail cap, the switch button LED indicates the approximate battery level:
 - Green: 50% to 100%
 - Orange: 15% to 49%
 - Red: Below 15%
- Charging Indicator**
When charging via the Type-C port:
 - Red Light Indicates Charging.
 - Green Light Indicates Charging Complete.

Usage 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 In included spare one to maintain watertight seal.
- Unload the batteries if assure the light won't use a bit of long time, then better put it into Inner box(Built-in battery excluded).
- Store and keep the light 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 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)

Precautions

- Do not install the battery in reverse or use unspecified battery types/models.
- When using Headlamp Mode, ensure the headband is securely fastened and adjust the beam angle appropriately to avoid shining bright light directly into others' eyes.
- Prolonged use may cause the flashlight body to become hot. Handle with care to avoid burns.
- When the battery level drops below approximately 10%, please stop using the flashlight and charge it promptly to prevent battery damage.

- Do not use the flashlight in high-temperature or flammable/explosive environments.
- When charging, use the provided or certified Type-C charging cable.
- If the flashlight will not be used for a long time, remove the battery and store it in a dry place.

Warranty & Service

- If you discover any problems with the product within 15 days of purchase, you may contact your local Fitorch dealer for a replacement.
- We offer a limited 5-year (60-month) warranty for functional problems arising under normal use conditions.

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.
- Damage caused by impact or dropping.
- Damage due to water ingress or the entry of foreign objects.

This warranty policy applies only to the original owner of the product. It does not apply to resold, stolen, modified, or misused products, and does not cover accessories, packaging, etc.



Facebook



Website

ShenZhen Fitorch Electronics Technology Co., Ltd
Office Address: 2F, Building 2, 3rd Industrial Zone,
Longhua St, Longhua District, ShenZhen City, 518109,
China
Tel: +86-755-2101-3606
Web: www.fitorchworld.com
E-mail: Info@fitorchworld.com

