

# NITEFIGHTER

DARING IN THE DARK

## USER MANUAL



## HIGHT PERFORMANCE BIKE FRONT LIGHT

BT40

### Package Contents

- ★ Headlamp;
- ★ Battery Pack;
- ★ O-ring Mounting Straps;
- ★ Extension Cable;
- ★ Helmet Mount;
- ★ Charger;
- ★ Cable Tie;
- ★ User Manual;

### Features

- ★ Utilizes four Cree XP-G (R5) LEDs, max 1600lumens output;
- ★ Powered by four BAK 18650 rechargeable Li-on batteries,7.4V 4400mAh ;
- ★ Uses high quality optical lens with a wide beam angle;
- ★ 4 brightness levels;
- ★ Digitally regulated output-maintains constant brightness;
- ★ Overheat protection function;
- ★ 4-Color & 5-Mode LED Indicator displays remaining battery capacity;
- ★ Quick to attach and detach using O-ring mounting straps sized for 20mm-35mm handlebars;
- ★ Made of durable aircraft-grade aluminum;
- ★ Premium Type III hard-anodized anti-abrasive finish;
- ★ 42mm(Diameter)x49mm(length);
- ★ 113g(excluding batteries and accessories)

### Technical Parameters

	Turbo	General Mode High	Mi	Low	Flashing Mode
Output	1600 lumens	1200 lumens	300 lumens	40 lumens	
Run Time	3h	4h10min	6h20min	12h50min	
Usage Scenario	Mountain biking	Cross country	Urban utility	Commuting	
Max Distance	148m				
Water Resistant	IPX-6				
Net Weight	113g(excluding batteries and accessories)				
Dimensions	42mmx49mm				

Notice: The above-mentioned parameters(lab tested by NiteFighter using 7.4V 4400mAh BAK battery pack)are approximate and may vary between bike lights, batteries and environments.

### Operations

- ★ Press the tail button repeatedly to change brightness to 100%/75%/50%/30%;
  - ★ Press and hold the tail button for 0.8 seconds to turn off the light from any mode;
- Notice:  
As with any performance light, the BT40 builds up heat when run in turbo brightness level for an extended period. Intelligent circuitry in the BT40 downshift the light to guard against overheating.

### Mounting Instruction

#### Mounting the Headlamp on a Handlebar

- ★ Choose on of the O-ring mounting straps that fit the handlebar diameter and place the side without the tab into the light holder.
- ★ Place the headlamp/mounting assembly on the handlebar, pull/stretch the tab side of the mounting strap under the handlebar, towards the back and loop it over and into the back slot.
- ★ Adjust the direction of the headlamp.



### Mounting the Headlamp on a Helmet

- ✦ Choose a medium-size O-ring mounting strap and place the side without the tab into the light holder;
- ✦ Place the headlamp/mounting assembly on the helmet mount, pull/stretch the tab side of the mounting strap under the helmet mount, towards the back and loop it over and into the back slot;
- ✦ Position the helmet mount as close to the centerline of the helmet as possible, and feed the strap into and out of the helmet vents;
- ✦ Circle the strap back to the upper edge of the corresponding clamp. Fasten the strap by sticking them to the magic sticks



### Mounting the Battery Pack

- ✦ Put the battery pack into the battery bag;
- ✦ Circle each Velcro strap of the battery bag back to the upper edge of the bike frame, thread the Velcro straps through two slots on the bottom of the battery bag, and secure the battery bag to the bike frame;
- ✦ Plug the cable from headlamp into the connector of the battery pack;

- ✦ Waterproof to IPX-6, BT40 can be used in humid conditions but is not suited for water immersion;
- ✦ Please keep it out of the reach of children;
- ✦ Do not place the device close to fire or other heat sources;
- ✦ Battery must be stored in a dry area with low temperature;
- ✦ Do not touch the liquid if the battery pack leaks;

### Night Riding Tips

- ✦ Never ride alone;
- ✦ Always let someone know where you are;
- ✦ Wear a helmet and reflective clothing;
- ✦ Carry an auxiliary light and emergency supplies;
- ✦ Make sure the headlamp, bike mount and battery pack are securely fastened;

### Product Warranty

- ✦ We will replacement products afflicted with manufacturing defects within 15days of purchase and repair a light free of charge within 18 months of purchase if problem develop with normal use; if repair is required after 18 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

- ✦ Notice: We repair or replacement a battery pack free of charge only within 2months of purchase if problem develop with normal use.

### Battery Capacity Indicator

- ✦ Green LED indicator-100%~75%
- ✦ Blue LED indicator-75%~50%
- ✦ Yellow LED indicator-50%~25%
- ✦ Red LED indicator-25%~5%
- ✦ Red LED indicator flashing- 5%~



### Charging

- ✦ Connect the charger to a wall outlet,
- ✦ Connect the charger to the battery.



Red light: Charging  
Green light: fully charged

### Safety Tips

#### Important Notice

- ✦ BT40 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes;
- ✦ Avoid touching the metal parts of the BT40 as LED lights accumulate heat when powered up;

MADE IN CHINA

#### FLARE LIGHT ENTERPRISE LIMITED

T: 86-769-87935366 F: +86-769-87939365

E: info@nitefighter.com

W: www.nitefighter.com

Addr: 3/F, No.311 Huanshi East Rd, ShiTanPu Industrial Area, Tangxia, Dongguan, 523710, China

