

BR35 User Manual



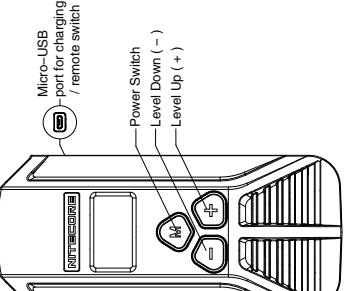
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Technical Parameter				
		Low	Mid	Turbo
Output	800 lumens	465 lumens	285 lumens	150 lumens
Runtime	*2h	5h45min	8h30min	40m
Beam Distance	74m	58m	40m	400cd
Beam Intensity	2100cd	1365cd	830cd	180 lumens
Output	1000 lumens	550 lumens	330 lumens	180 lumens
Runtime	5h45min	130m	95m	68m
Beam Distance	6500cd	4200cd	2250cd	4h
Beam Intensity	16lm	10.5lm	6.5lm	300 lumens
Output	1800 lumens	1015 lumens	2h30min	110m
Runtime	*1h	143m	100m	76m
Beam Distance	7750cd	5100cd	3050cd	8h
Beam Intensity	176n	104n	60n	1450cd
Impact Resistance	1.5m (Impact Resistance)			
Waterproof				

NOTE: The above data has been measured with a built-in Li-ion battery (3.7V 6800mAh) under laboratory conditions. The data may vary in real-world use due to different battery use or environmental conditions.

* The runtime for Turbo mode is the testing result before safety temperature regulation.

Operation Instruction



(English) BR35 User Manual

Features

- Rechargeable bicycle light with dual distance beam
- Utilizes 2 CREE XM-L2 U2 LEDs to emit a maximum output of 1800 lumens
- Uses a diffused reflection board to illuminate the blind spot under foot with short range beam (Patented No.: ZL201220314015.1)
- Onboard OLED display
- Built-in 6800mAh Li-ion battery
- Internal Li-ion battery charging circuit (via Micro-USB charging port)
- 3 modes available for different scenes
- Remote switch provides convenient operation
- 4 brightness levels and 1 special function available
- A maximum beam intensity up to 7750cd and a maximum beam distance up to 176 meters
- High efficient constant circuit with runtime up to 17 hours
- Flood lighting system provides 100°lighting angle
- Optic lens with anti-reflective coating
- Advanced Temperature Regulation module
- Crystal Coating Technology combined with "Precision Digital Optics Technology" for extreme reflectivity performance
- Die-Cast unibody full metal housing
- In accordance with IPX7 waterproof
- 1.5m impact resistance

Specifications

Size: 109.3mm×48.9mm×40.9mm (4.3"×1.93"×1.61")

Weight: 234.5g(battery included) (8.27oz)

Accessories

Remote Switch, bike handlebar mount, 2×thick mount pads, USB cable (2A)

Operation Instruction

Mounting

1. Loosen the screw of the handlebar mount and adjust the handlebar mount before clamping the mount to the handlebar by securely tightening the set screw as shown in diagram (1).
2. Slide the headlight into the mount until a "click" sound is heard.
3. Attach the Remote Switch to your bars where it is easy to operate as shown in diagram (3).

NOTE: Use proper mount pad provided according to the diameters of the bicycle bars. (34-36mm requires no pads; 29-35mm bar requires 2 thin pads; 25-29mm bar requires 1 thin pad and 1 thick pad; 20-25mm bar requires 2 thick pads)

Dismounting

Press and hold the paddle as shown in diagram (4) and pull out the BR35 according the direction shown in diagram (5).

Warning: The head of BR35 will become hot after prolonged use. Use caution and do not touch the hot surface in case of scalding.

ON/OFF

Turn on: When the light is off, press and hold the power switch (M) for about 1.5 seconds to turn on the light. Upon start the OLED screen will display the current mode and then the word "NITECORE". (When the light is on, the OLED screen will display the current mode, brightness level and runtime)

Turn off: When the light is on, press and hold the power switch (M) to turn off the light.

NOTE: BR35 has a memory function that memorizes the last used mode and brightness level. It will automatically enter the memorized mode and brightness the next time it is turned on.

Mode Selection

The BR35 can be set to any of the three modes (CITY/ROAD/TRAIL) to suit different riding scenarios.

Switching mode: When the light is off, hold and press the power switch(M), the OLED screen will cycle through "CITY/ROAD/TRAIL" when the desired mode shows up on the screen, then release the switch to select the mode.

CITY Mode: Designed for urban riding. In CITY mode, the light defaults to the short-range beam. Tapping the power switch(M) will turn on the long-range beam momentarily for 3 seconds. The OLED screen will display a countdown. The long-range beam will shut off automatically after that.

ROAD Mode: Designed for road riding. In ROAD mode, the light defaults to the short-range beam. Tapping the power switch(M) will switch the light to the long-range beam. Every tapping on the power switch(M) alternates the output between the short-range beam and the long-range beam.

TRAIL Mode: Designed for outdoor riding. In TRAIL mode, both the short-range and long-range beams are turned on simultaneously. Tapping the power switch (M) once turns off the long-range beam. Tapping the switch again to go back to the dual beams.

Changing brightness levels

When the light is on, tap the Level Up Button(+) to increase the brightness level up to Turbo(LEVEL 4); and tap the Level Down Button(-) to decrease the brightness level down to Low(LEVEL 1).

Instant access to Turbo/Low

Instant access to Turbo: when the light is on, press and hold the Level Up Button(+) to enter Turbo mode instantly.

Instant access to Low: when the light is on, press and hold the Level Down Button(-) to enter Low mode instantly.

Caution Light

Turn On: When the light is off, if the light is set to the CITY or ROAD mode, pressing and holding both level up and level down buttons activates the caution light. The short-range beam emits warning light at the brightness level of its memorized level.

If the light is set to the TRAIL mode, pressing and holding the level up and level down buttons will activate the caution light. Both the short-range beam and short-range beams emit warning light at the brightness level of its memorized level. (After the caution light is turned on, the OLED screen will display a triangle icon as notification)

Turn Off: After the caution light is turned on, press and hold the power switch(M) to turn it off.

Remote Switch

The function of the remote switch is the same as the power switch(M). The use of the remote switch is optional.

Advanced Temperature Regulation

With Advanced Temperature Regulation module, the BR35 regulates its output and adapts to the ambient environment, maintaining optimal performance.

Power Tips

When the light is off, press the power switch(M), the OLED screen will display a battery level bar representing battery level is above 90%

1. If power level bar represents battery level is above 90%

2. 3 grids represent battery level is below 90%

3. 2 grids represent battery level is below 50%

4. 1 grid represents battery level is below 10%

5. 0 grid represents battery level is about 1%

NOTE: When the power level is low, the output of BR35 will appear dim or unresponsive. Recharge the BR35 as soon as possible when the remaining battery power is below 10%.

Cauching

This product is USB rechargeable. Plug one end of the USB cable into the BR35, and the other end into the power supply with a universal USB port as shown in the adjacent image.

Under normal charging conditions, the blue indicator beneath the switches will blink slowly and the OLED screen will display the battery level; The BR35 will automatically terminate charging upon completion, the blue indicator will illuminate steadily, and the battery level bar will be full. It takes about 4.5 hours to fully charge the BR35.

After fully charged, the standby time is approximately 1 year.

Compatible input from USB adapter or power supply: DC 5V 2A

Cautions

1. Charge the BR35 before the first use.

2. For long term storage, recharge the light semi-annually.

3. Avoid direct eye exposure.

4. Do not disassemble or modify this product, as doing so voids the warranty.

Warranty Details

Our authorized dealers and distributors are responsible for warranty service. Should any problem covered under warranty occurs, customers can contact their dealers or distributors in regards to their warranty claims, as long as the product was purchased from an authorized dealer or distributor. NITECORE's Warranty is provided only for products purchased from an authorized source. This applies to all NITECORE products. Any DOA / defective product can be exchanged for a replacement through a local distributor/dealer within the 15 days of purchase. After 15 days, all defective / malfunctioning NITECORE® products can be repaired free of charge for a period of 12 months (1 year) from the date of purchase. Beyond 12 months (1 year), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

1. The warranty is nullified if the product(s) is/are broken down, reconstructed and/or modified by unauthorized parties

2. damaged from wrong operations (i.e. reserve polarity installation, installation of non-rechargeable batteries)

For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com.

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2. Daños causados por operaciones incorrectas (por ejemplo, instalación con polaridad invertida, instalación de baterías no recargables).

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