

Fenix BC30V2+ORG

Fenix BC30 v2.0 Bicycle Light

User Manual

1. PRODUCT OVERVIEW

The Fenix BC30 v2.0 is a high-performance bicycle light designed for optimal visibility and safety during cycling. It features a powerful 2200 lumen dual beam system, a wireless remote control for easy operation, and robust construction for durability in various conditions. This manual provides detailed instructions for the proper setup, operation, and maintenance of your BC30 v2.0 bicycle light.



Image: Fenix BC30 v2.0 Bicycle Light, including the light unit, wireless remote, and a LumenTac battery organizer.

2. PACKAGE CONTENTS

- Fenix BC30 v2.0 Bicycle Light
- Wireless Remote Control
- Quick Adjust Bike Mount
- LumenTac Battery Organizer
- User Manual (this document)
- *Note: Batteries are not included and must be purchased separately. The BC30 v2.0 requires two 18650 rechargeable Li-ion batteries.*



Image: The included LumenTac battery organizer, designed for storing 18650 batteries.

3. SETUP

3.1 Battery Installation

1. Unscrew the tail cap of the BC30 v2.0 light unit.
2. Insert two 18650 rechargeable Li-ion batteries into the battery compartment, ensuring correct polarity (+/-).
3. Screw the tail cap back on securely.

3.2 Mounting the Bicycle Light

1. Attach the quick adjust bike mount to your bicycle's handlebar. Ensure it is positioned centrally and securely tightened.
2. Slide the BC30 v2.0 light unit onto the mount until it clicks into place.
3. Adjust the angle of the light to ensure optimal illumination of the path ahead.

TECHNICAL PARAMETERS

Size: 4.72" x 1.97" x 1.25" / 120 × 50 × 31.8 mm.

Weight: 5.43 oz / 154 g (excluding battery and bicycle mount).

*The above specifications are the test results given by Fenix through its laboratory testing. Actual results may vary slightly according to the measurement method in the industry.

ANSI/PLATO FL1	Burst	High	Med	Low	Eco/EDC	Flash
 Output	2200 lumens	1500 lumens	600 lumens	200 lumens	50 lumens	600/50 lumens
 Runtime	/	2.3 hours	6 hours	16 hours	50 hours	/
 Distance	187meters	155 meters	96 meters	56 meters	28 meters	/
 Intensity	8792 candela	5913 candela	2320 candela	780 candela	196 candela	/
 Impact Resistance	1 meter					
 Waterproof	IP67					

Note: The above specifications are the test results given by Fenix through its laboratory testing using 2 Fenix ARB-L18-3500 rechargeable Li-ion batteries under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual batteries used.

Image: The Fenix BC30 v2.0 bicycle light securely mounted on a handlebar, ready for use.

3.3 Installing the Wireless Remote Control

1. Attach the wireless remote control to a convenient location on your handlebar using the integrated strap.
2. Ensure the remote is within easy reach of your thumb or finger for quick access during cycling.



Image: The wireless remote control attached to bicycle handlebars, illustrating its accessible placement.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on: Press and hold the main switch on the light unit for 0.5 seconds.
- To power off: Press and hold the main switch on the light unit for 0.5 seconds.

4.2 Brightness Level Selection

- With the light on, single click the main switch on the light unit or the output selection switch on the wireless remote to cycle through brightness levels: Eco/EDC → Low → Med → High.
- To activate Burst mode (2200 lumens): Single click the Burst switch on the wireless remote. The Burst mode will last up to 30 seconds.
- To activate Flash mode: Press and hold the output selection switch on the wireless remote for 0.5 seconds. Single click to return to the previously used constant output mode.

4.3 Dual Distance Beam System

The BC30 v2.0 features a unique Dual Distance Beam System with patented optical lens. This system uses upward beam reflection to provide auxiliary illumination immediately in front of the bicycle, ensuring comprehensive coverage both near and far.

DUAL DISTANCE BEAM SYSTEM NEAR OR FAR, NO MORE DARK

Featuring unique Dual Distance Beam System and patented optical lens.
Using upward beam reflection, forming auxiliary illumination immediately in front of the bicycle
where the ordinary bicycle light can not reach. Cycling safety can't be affected by lighting shortage.



Image: Illustration of the Fenix BC30 v2.0's Dual Distance Beam System, showing both long-range and short-distance illumination.

4.4 Battery Level Indication

The remaining battery level is indicated by the color of the main switch on the light unit when the light is switched off. Single click the functional switch to check the battery status. The battery status percentage will be displayed, and then goes out in 3 seconds.

- **Green light constant on:** 100% - 80%
- **Orange light constant on:** 80% - 40%
- **Red light constant on:** 40% - 10%
- **Red light flashes:** 10% - 0%

ACCURATE BATTERY LEVEL INDICATOR READABLE CLEAR BATTERY STATUS

The remaining battery level can be easily and precisely obtained via the read-out indicator. The battery status is always online. You master the power, you'll have a well-prepared cycling.

With the light switched off, single click the functional switch to check the battery status. The battery status percentage will be displayed, and then goes out in 3 seconds.

The remaining battery level is indicated as follows:

- Green light constant on (saturated): 100% - 80%
- Orange light constant on (sufficient): 80% - 40%
- Red light constant on (poor): 40% - 10%
- Red light flashes: 10% - 0%



Image: Visual representation of the Fenix BC30 v2.0's battery level indicator, showing green, orange, and red light states.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the light body with a soft cloth. For stubborn dirt, use a damp cloth with mild soap. Avoid using abrasive cleaners or solvents that could damage the finish or internal components.

5.2 Battery Care

- Always use high-quality 18650 rechargeable Li-ion batteries.
- Remove batteries if the light will not be used for an extended period to prevent leakage.
- Store batteries in a cool, dry place.
- Ensure batteries are fully charged before long rides to maximize runtime.

5.3 Water Resistance

The Fenix BC30 v2.0 is IP67 rated, meaning it is dustproof and protected against temporary immersion in water up to 1 meter for 30 minutes. While it is highly water-resistant, avoid prolonged submersion and ensure the tail cap is securely tightened before exposure to water.

IP67 RATED PROTECTION

Dustproof

Totally protected against dust and foreign objects.

Waterproof

Work shortly 1 meter underwater.

*The light works normally 1 meter underwater for 30 minutes. The specifications are the test results given by Fenix through its laboratory testing.

Image: The Fenix BC30 v2.0 bicycle light operating in rainy conditions, demonstrating its IP67 water resistance.

6. TROUBLESHOOTING

6.1 Light Does Not Turn On or Flickers

- **Check Batteries:** Ensure batteries are correctly inserted with proper polarity and are fully charged. Replace with fresh, charged batteries if necessary.
- **Battery Contact:** Clean the battery contacts in the light and on the batteries with a clean cloth. Dirty contacts can interrupt power flow.
- **Tail Cap:** Ensure the tail cap is screwed on tightly. A loose tail cap can prevent electrical contact.

6.2 Light Turns Off on Bumps

- **Battery Type:** Ensure you are using 18650 batteries with a button top. Flat-top batteries may not maintain sufficient contact on rough terrain.
- **Battery Fit:** Verify that the batteries fit snugly within the compartment. If there is excessive play, consider using batteries with slightly larger button tops or adding a small, non-conductive spacer if safe to do so (consult Fenix support first).
- **Mount Security:** Ensure the quick adjust bike mount is securely tightened to the handlebar and the light unit is firmly clicked into the mount.

6.3 Wireless Remote Not Responding

- **Battery in Remote:** Check if the battery in the wireless remote needs replacement.

- **Proximity:** Ensure the remote is within effective range of the light unit.
- **Re-pairing:** If issues persist, consult Fenix support for re-pairing instructions if applicable.

If troubleshooting steps do not resolve the issue, please contact Fenix customer support for further assistance.

7. SPECIFICATIONS

Fenix BC30 v2.0 Technical Parameters

Parameter	Value
Model	BC30 v2.0
Max Output	2200 Lumens (Burst)
Dimensions (L x W x H)	4.72" x 1.97" x 1.25" (120 x 50 x 31.8 mm)
Weight	5.43 Ounces (154 g) excluding battery and bicycle mount
Material	A6061-T6 Aluminum Alloy
Power Source	2 x 18650 rechargeable Li-ion batteries (not included)
Water Resistance Rating	IP67 (Dustproof, Waterproof up to 1m for 30 min)
Impact Resistance	1 meter
Mounting Type	Handlebar Mount

7.1 Output and Runtime Table

Mode	Output	Runtime	Distance	Intensity
Burst	2200 lumens	/	187 meters	8792 candela
High	1500 lumens	2.3 hours	155 meters	5913 candela
Med	600 lumens	6 hours	96 meters	2320 candela
Low	200 lumens	16 hours	56 meters	780 candela
Eco/EDC	50 lumens	50 hours	28 meters	196 candela
Flash	600/50 lumens	/	/	/

Note: The above specifications are test results given by Fenix through its laboratory testing using two Fenix ARB-L18-3500 rechargeable Li-ion batteries under the temperature of 21±3°C and humidity of 50% - 80%. True performance may vary according to different working environments and the actual batteries used.

8. WARRANTY AND SUPPORT

Fenix products are covered by a warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Fenix website or contact Fenix customer support directly. For technical support, troubleshooting assistance, or warranty claims, please contact Fenix customer service through their official channels.

- Official Fenix Website: www.fenixlight.com

- Customer Support Contact Information: Refer to the "Contact Us" section on the official website.

9. IMPORTANT SAFETY INFORMATION



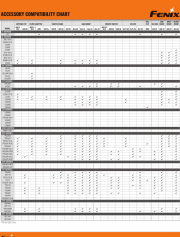
- Do not shine the light directly into eyes.
- Keep out of reach of children.
- Do not disassemble the sealed head of the light, as doing so may cause damage to the light and will void the warranty.
- Use only recommended batteries.
- Dispose of batteries responsibly according to local regulations.

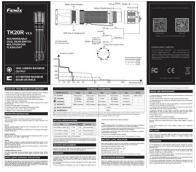
10. OFFICIAL PRODUCT VIDEOS

Based on the provided product data, there are no official product videos from the seller available for embedding in this manual.



Related Documents

	<p>Fenix BC05R V2.0 Rechargeable Bicycle Taillight User Manual</p> <p>Comprehensive user guide for the Fenix BC05R V2.0, an ultra-compact rechargeable bicycle taillight. Details specifications, operation, battery information, and safety precautions for cyclists.</p>
	<p>Fenix E03R V2.0 Rechargeable Neck Flashlight User Manual</p> <p>Comprehensive user manual for the Fenix E03R V2.0 rechargeable neck flashlight, detailing features, specifications, operation, charging, and safety guidelines.</p>
	<p>Fenix Accessory Compatibility Chart</p> <p>A comprehensive compatibility chart for Fenix flashlights and their accessories, including diffusers, traffic wands, remote switches, and battery types. This guide helps users find the right accessories for their Fenix lighting products.</p>



[Fenix TK20R V2.0 Rechargeable Flashlight User Manual](#)

Comprehensive user manual for the Fenix TK20R V2.0 rechargeable dual rear-switch multipurpose flashlight, detailing its features, operation, technical specifications, and maintenance.