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› NP NIGHT PROVISION BX-300 & DUO-120 USB Rechargeable LED Bike Light Set Instruction Manual

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1. PRODUCT OVERVIEW

The NP NIGHT PROVISION BX-300 & DUO-120 is a USB rechargeable LED bike light set designed to enhance cycling safety. This set includes a powerful front headlight (BX-300) and a versatile rear taillight (DUO-120), both featuring multiple lighting modes and easy installation.



Image: The BX-300 front light mounted on a bicycle handlebar.

Key Features:

- **BX-300 Headlight:** Features a powerful CREE XP-G2 LED with amber side lights for wide-angle visibility.
- **DUO-120 Taillight:** Red and white LED with multiple modes, offering up to 120 lumens and 180° rear coverage.

- **USB Rechargeable:** Both lights are USB rechargeable, with a full charge in under 3 hours.
- **Long Battery Life:** Up to 2 hours on high mode and up to 6 hours on low or strobe mode.
- **Durable Design:** Lightweight, water-resistant, and shockproof construction.
- **Easy Mounting:** Secure, tool-free installation for handlebars and seat posts.

2. SETUP AND INSTALLATION

2.1 Charging the Lights

Before initial use, fully charge both the BX-300 headlight and DUO-120 taillight. Each light is equipped with a USB charging port.

1. Locate the USB charging port on each light. For the BX-300, it is typically on the underside, protected by a rubber flap. For the DUO-120, it is on the side.
2. Connect the provided USB cable to the light and to a standard USB power source (e.g., computer, wall adapter).
3. The indicator light will show charging status (e.g., red for charging, green for fully charged).
4. A full charge typically takes under 3 hours.



Image: Close-up of the USB charging port on the light.

2.2 Installing the BX-300 Headlight

The BX-300 headlight features an adjustable rubber strap for secure handlebar mounting.

1. Position the headlight on your bicycle handlebar.
2. Wrap the adjustable rubber strap around the handlebar and secure it to the hook on the light's base.
3. Ensure the light is firmly attached and facing forward, providing optimal illumination. The strap accommodates handlebars up to 1.3 inches in diameter.



IMPROVED DESIGN

/ LONGEST-PERFORMANCE / EFFICIENT LED
/ RELIABLE MOUNTING

Image: The BX-300 headlight securely mounted on a bicycle handlebar.

2.3 Installing the DUO-120 Taillight

The DUO-120 taillight offers simple, tool-free mounting to your seat post.

1. Position the taillight on your bicycle's seat post.
2. Use the integrated rubber strap to wrap around the seat post and hook it securely.
3. Verify the taillight is stable and visible from the rear, providing 180° coverage.



Image: The DUO-120 taillight mounted on a bicycle seat post.

3. OPERATING INSTRUCTIONS

Both the BX-300 headlight and DUO-120 taillight are operated using a single button.



Image: Close-up of the single control button on the light.

3.1 BX-300 Headlight Operation

The BX-300 headlight offers 5 lighting modes:

1. **Power On/Off:** Press and hold the power button for approximately 2 seconds to turn the light on or off.
2. **Mode Selection:** Briefly press the power button to cycle through the modes **Bright** > **Medium** > **Low** > **Strobe** > **Still Light**.

LONG LASTING PERFORMANCE

REAR: 14 HRS MAX | FRONT 8 HRS MAX



Image: The BX-300 headlight providing bright illumination on a path.

3.2 DUO-120 Taillight Operation

The DUO-120 taillight offers multiple lighting modes for rear visibility.

1. **Power On/Off:** Press and hold the power button for approximately 2 seconds to turn the light on or off.
2. **Mode Selection:** Briefly press the power button to cycle through various red and white LED modes, including solid, flashing, and alternating patterns.



Image: Both the BX-300 front light and DUO-120 taillight are active on a bicycle.

3.3 Official Product Video: Day-Time Trail Ride

Your browser does not support the video tag.

Video: Official demonstration of the NP NIGHT PROVISION BX-300 bike light set during a daytime trail ride, showcasing its visibility and performance.

4. MAINTENANCE

4.1 Charging

To ensure optimal performance and battery longevity, recharge the lights regularly. The indicator light will signal low battery status.

- Always use the provided USB cable for charging.

- Avoid overcharging by disconnecting the lights once the charge indicator turns green.

4.2 Cleaning and Storage

The lights are designed to be water-resistant and shockproof, but proper care extends their lifespan.

- Wipe the lights with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners.
- Ensure the USB port cover is securely closed to maintain water resistance.
- Store the lights in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.



Image: The water-resistant design of the bike light.

5. TROUBLESHOOTING

5.1 Light Not Turning On

- **Check Battery:** Ensure the light is fully charged. Connect it to a USB power source and observe the charging indicator.
- **Power Button:** Press and hold the power button for at least 2 seconds. A quick press may only cycle modes or not activate the light.

5.2 Light Not Holding Charge

- **Charging Cable/Adapter:** Try using a different USB cable or power adapter to rule out a faulty accessory.
- **Charging Port:** Ensure the charging port is clean and free of debris.
- **Battery Life:** Battery performance can degrade over time. If the issue persists after trying other charging methods, the battery may need replacement or the unit may require service.

5.3 Light Flickering or Dim

- **Low Battery:** This is often an indication of a low battery. Recharge the light immediately.
- **Connection:** Ensure the light is securely mounted and there are no loose connections if applicable.

6. SPECIFICATIONS

Feature	Specification
Brand	NP NIGHT PROVISION

Feature	Specification
Model Numbers	BX-300 (Headlight), DUO-120 (Taillight), SU-S1RW-GM (Set)
Material	Aluminum
Power Source	Battery Powered (Lithium-ion)
Water Resistance Level	Water Resistant (IPX 65)
Item Weight	0.02 Kilograms (approx. 0.7 oz per light)
Mounting Type	Handlebar Mount (Front), Seat Post Mount (Rear)
Number of Settings	5 (Front Light)
Light Output Maximum	300 Lumens (Front Light), 120 Lumens (Rear Light)
Charging Time	Under 3 hours
Battery Life (High Mode)	Up to 2 hours
Battery Life (Low/Strobe Mode)	Up to 6 hours
UPC	758763350824

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact NP NIGHT PROVISION customer service directly. Contact details can typically be found on the manufacturer's official website or through your retailer.

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