

Spanninga Kendo+ Xe

Spanninga Kendo+ XE LED Headlight User Manual

MODEL: KENDO+ XE (PART NUMBER: 79219)

INTRODUCTION

Thank you for choosing the Spanninga Kendo+ XE LED Headlight. This manual provides essential information for the proper installation, operation, and maintenance of your new headlight. Please read this manual thoroughly before using the product to ensure safe and efficient performance. This headlight is designed for bicycles and offers reliable illumination with its 30 lux LED output and robust construction.

The Kendo+ XE features a durable plastic housing, a powerful LED, and comes with an HB06 V-brake holder for easy mounting. It is water-resistant with an IPX6 rating, making it suitable for various weather conditions.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Do not look directly into the light beam when the headlight is on, as it can cause temporary vision impairment.
- Ensure the headlight is securely mounted before each ride to prevent it from falling off.
- Keep the headlight clean and free from obstructions to maintain optimal light output.
- Do not attempt to disassemble or modify the headlight. This may void the warranty and could lead to malfunction or injury.
- This product is water-resistant (IPX6), but it is not designed for submersion. Avoid prolonged exposure to heavy rain or direct water jets.
- Ensure the power source (6-36 V DC) is compatible with the headlight's requirements. Incorrect voltage can damage the unit.

PACKAGE CONTENTS

Please check that all items are present in the package:

- Spanninga Kendo+ XE LED Headlight
- HB06 V-brake holder
- 690 mm connection cable

SETUP AND INSTALLATION

Follow these steps to properly install your Spanninga Kendo+ XE LED Headlight:

1. **Identify Components:** Familiarize yourself with the headlight unit and the HB06 V-brake holder. The headlight has a clear lens at the front and a mounting point at the bottom. The holder is designed to attach to your bicycle's V-brake mount.



Figure 1: Overall view of the Spanninga Kendo+ XE LED Headlight with its integrated mounting bracket.

2. **Attach Holder to Bicycle:** Secure the HB06 V-brake holder to the designated mounting point on your bicycle's front fork or V-brake bolt. Ensure it is firmly tightened to prevent movement during rides.



Figure 2: Side view illustrating the design of the mounting bracket for attachment to the bicycle.

3. **Mount Headlight to Holder:** Align the headlight with the mounting point on the HB06 holder. Use the provided screws or fasteners to securely attach the headlight to the holder. Ensure the headlight is facing forward and is level.



Figure 3: Rear view of the headlight, highlighting the attachment mechanism to the V-brake holder.

4. **Connect Power Cable:** The headlight comes with a 690 mm cable. Connect this cable to your bicycle's dynamo or compatible 6-36 V DC power source. Ensure the polarity is correct as indicated on the headlight or in your bicycle's wiring diagram. Secure any loose cables to prevent them from interfering with moving parts.
5. **Adjust Beam Angle:** Once mounted, adjust the angle of the headlight so that the beam illuminates the road ahead without blinding oncoming traffic or pedestrians. Typically, the beam should be aimed slightly downwards.



Figure 4: Front view of the headlight, showing the main LED and integrated reflector for enhanced visibility.

OPERATING INSTRUCTIONS

The Spanninga Kendo+ XE LED Headlight is designed for straightforward operation:

- **Power On/Off:** The headlight is typically controlled by your bicycle's dynamo system or an external switch connected to your DC power source. When the power source is active, the headlight will illuminate. There is no separate on/off switch on the headlight unit itself.
- **Light Output:** The headlight provides a consistent 30 lux brightness. There is only one setting for light output.

- **Reflector:** The integrated front reflector enhances your visibility to others, even when the light is not active.

MAINTENANCE

To ensure the longevity and optimal performance of your headlight, follow these maintenance guidelines:

- **Cleaning:** Wipe the headlight and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they can damage the plastic housing or lens.
- **Inspection:** Regularly check the mounting bracket and screws for tightness. Vibrations from riding can loosen fasteners over time.
- **Cable Integrity:** Periodically inspect the power cable for any signs of wear, fraying, or damage. Replace if necessary to prevent electrical issues.
- **Storage:** If storing your bicycle for an extended period, ensure the headlight is clean and dry. Store in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your Spanninga Kendo+ XE LED Headlight, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Headlight does not turn on.	No power from dynamo/power source. Loose or disconnected cable. Incorrect wiring polarity.	Check your bicycle's dynamo or power source for proper function. Ensure all cable connections are secure and not damaged. Verify cable polarity according to your bicycle's wiring diagram.
Light output is dim or flickers.	Insufficient power supply. Dirty lens. Loose connection.	Ensure consistent power supply from your dynamo/source. Clean the headlight lens with a soft, damp cloth. Check all cable connections for tightness.
Headlight is loose or wobbles.	Mounting screws are loose. Holder not securely attached to bicycle.	Tighten the screws that attach the headlight to the HB06 holder. Ensure the HB06 holder is securely fastened to your bicycle's V-brake mount.

If the problem persists after attempting these solutions, please contact Spanninga customer support or your local dealer for assistance.

SPECIFICATIONS

Detailed technical specifications for the Spanninga Kendo+ XE LED Headlight:

Feature	Specification
Model Name	Kendo+ Xe
Part Number	79219
Light Source	1 LED
Brightness	30 Lux
Power Source	6-36 V DC (Battery Powered)
Material	Plastic
Color	Black
Mounting Type	Frame Mount (HB06 V-brake holder included)
Water Resistance Level	Water Resistant (IPX6)
Number of Settings	1
Item Package Dimensions	11.81 x 7.87 x 5.91 inches
Package Weight	0.3 Kilograms

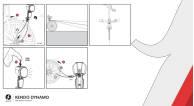
WARRANTY AND SUPPORT

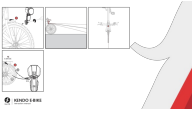
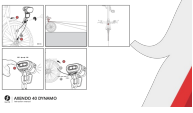
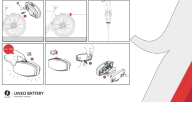
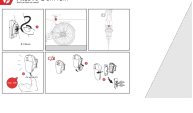
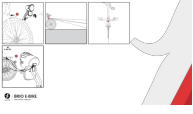
Spanninga products are manufactured to high-quality standards. For information regarding warranty coverage and terms, please refer to the warranty card included with your purchase or visit the official Spanninga website. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or further inquiries, please contact your local Spanninga dealer or visit the Spanninga official website for contact information.

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Related Documents - Kendo+ Xe

	<p>Spanninga Kendo Dynamo Bicycle Light Instruction Manual</p> <p>Comprehensive instruction manual for the Spanninga Kendo Dynamo bicycle light (model CC01). Learn how to install and operate your dynamo-powered bike light for optimal road illumination.</p>
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	<p>Kendo E-Bike Light Installation and Operation Manual</p> <p>Comprehensive instruction manual for the Spanninga Kendo E-Bike light, covering front light mounting, rear light connection, and power specifications.</p>
	<p>AXENDO 40 DYNAMO Instruction Manual - Spanninga</p> <p>Instruction manual for the Spanninga AXENDO 40 DYNAMO bicycle headlight, detailing installation, operation, and performance. Learn how to connect your dynamo-powered light for optimal visibility on your bike.</p>
	<p>Spanninga Lineo Battery Instruction Manual</p> <p>This manual provides instructions for installing and operating the Spanninga Lineo Battery, including battery replacement and usage guidelines.</p>
	<p>Spanninga Presto 2 Battery Bicycle Light Instruction Manual</p> <p>This manual provides instructions for installing and operating the Spanninga Presto 2 Battery bicycle light. It covers mounting, power, and usage details.</p>
	<p>Spanninga BRIO E-BIKE Instruction Manual</p> <p>Instruction manual for the Spanninga BRIO E-BIKE, detailing installation and usage of the bicycle light.</p>