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AXA 93961495SC

AXA Blueline Dynamo Rear Light Instruction Manual

Model: 93961495SC

1. INTRODUCTION

Thank you for choosing the AXA Blueline Dynamo Rear Light. This manual provides essential information for the proper installation, operation, and maintenance of your new bicycle rear light. Please read this manual thoroughly before use to ensure safe and optimal performance.

The AXA Blueline rear light is designed for bicycles equipped with a dynamo, providing reliable illumination and enhanced visibility for cyclists. It features two LEDs and a stand light function that keeps the light on for at least 4 minutes when stationary, improving safety in traffic.

2. SAFETY INFORMATION

- Always ensure the light is securely mounted before riding. Loose components can cause accidents.
- Ensure proper wiring connection to the dynamo. Incorrect wiring may damage the light or the dynamo.
- Do not look directly into the light source when it is active, as it may cause temporary vision impairment.
- Regularly check the light for damage or wear. Replace immediately if any damage is found.
- Keep the light clean to ensure maximum visibility.
- This product is water-resistant, but not designed for submersion. Avoid prolonged exposure to heavy rain or direct water jets.

3. PACKAGE CONTENTS

The package for your AXA Blueline Dynamo Rear Light should contain the following items:

- 1 x AXA Blueline Dynamo Rear Light
- Mounting hardware (nuts and washers)



Image: AXA Blueline Rear Light showing the included mounting bolts, nuts, and washers.

4. PRODUCT OVERVIEW

The AXA Blueline Dynamo Rear Light is a compact and efficient lighting solution for your bicycle. Key features include:

- Equipped with 2 high-intensity LEDs for optimal visibility.
- Designed for mounting on a luggage rack with a 50 mm hole distance.
- Integrated capacitor provides a stand light function, keeping the light illuminated for at least 4 minutes when the bicycle is stationary.
- Durable plastic construction with water resistance.



Figure 4.1: Angled view of the AXA Blueline Dynamo Rear Light, highlighting its sleek design and red reflector.



Figure 4.2: Front view of the AXA Blueline Rear Light, showing the main red reflector and clear top section.



Figure 4.3: Rear view of the AXA Blueline Rear Light, displaying the two connection points for dynamo wiring.

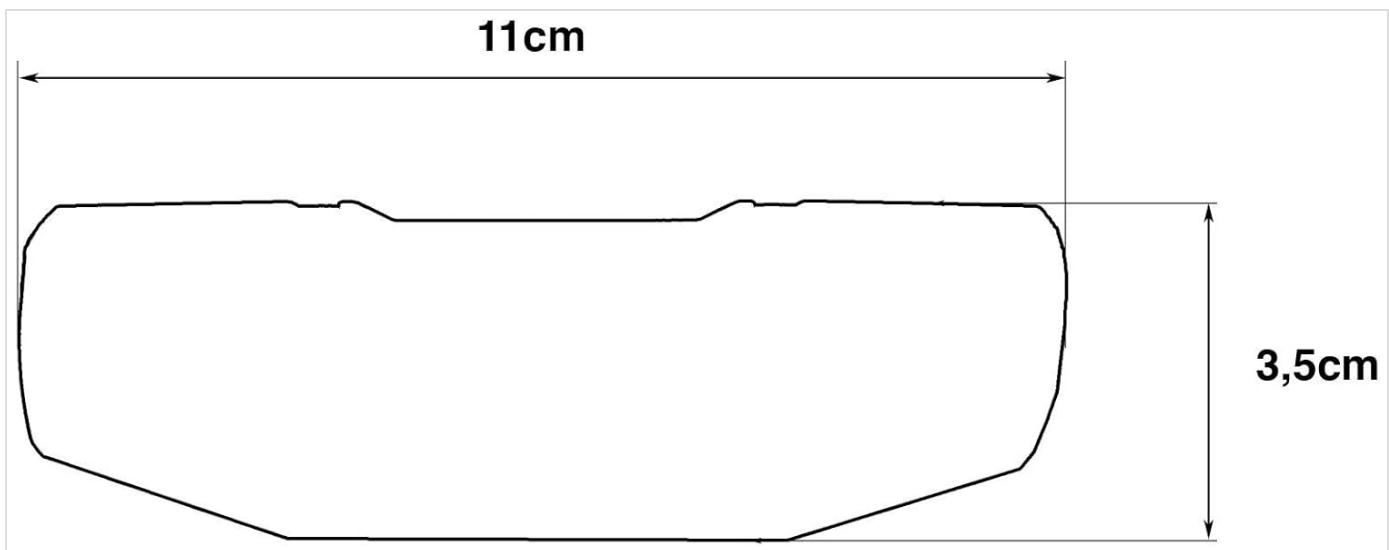


Figure 4.4: Technical drawing illustrating the dimensions of the AXA Blueline Rear Light, showing a length of 11 cm and a height of 3.5 cm.

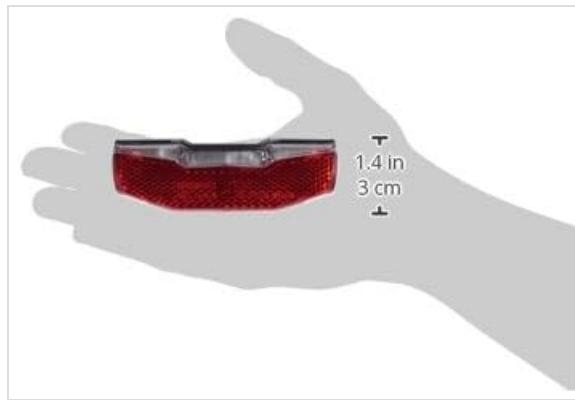


Figure 4.5: The AXA Blueline Rear Light held in a hand, providing a visual reference for its compact size (approximately 3 cm or 1.4 inches in height).

5. SETUP AND INSTALLATION

5.1 Mounting the Light

The AXA Blueline Rear Light is designed for mounting on a bicycle's luggage rack. Ensure your luggage rack has

mounting points with a 50 mm distance between them.

1. Align the two mounting bolts on the rear light with the corresponding holes on your bicycle's luggage rack.
2. Insert the bolts through the holes.
3. Secure the light from the underside of the rack using the provided nuts and washers. Tighten firmly but do not overtighten to avoid damaging the light housing.



Image: Side view of the AXA Blueline Rear Light, clearly showing the two threaded mounting bolts for attachment to a luggage rack.

5.2 Wiring Connection

This rear light operates with a bicycle dynamo. Connect the light to your dynamo system according to your bicycle's wiring diagram. The light features two connection points at the rear for positive and negative wires from the dynamo.

1. Identify the positive and negative wires from your bicycle's dynamo system.
2. Connect the dynamo wires to the corresponding terminals on the rear light. Ensure a secure and insulated connection to prevent short circuits.
3. Test the light by rotating your bicycle wheel to activate the dynamo. The light should illuminate.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

The AXA Blueline Rear Light is powered by your bicycle's dynamo. It will automatically illuminate when the bicycle is in motion and the dynamo is generating power.

6.2 Stand Light Function

A key safety feature of this light is its integrated stand light function. When you stop cycling (e.g., at a traffic light), the light will remain illuminated for at least 4 minutes thanks to a built-in capacitor. This ensures continuous visibility even when stationary.

The stand light will automatically turn off after approximately 4 minutes or when you resume cycling and the dynamo begins generating power again.

7. MAINTENANCE

To ensure the longevity and optimal performance of your AXA Blueline Rear Light, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the light's surface with a soft, damp cloth to remove dirt and grime. Avoid abrasive cleaners or solvents that could damage the plastic.
- **Inspection:** Periodically check the mounting bolts and wiring connections to ensure they are secure and free from corrosion or damage.
- **LEDs:** The light uses integrated LEDs, which are designed for a long lifespan and are not user-replaceable. If the LEDs fail, the entire unit may need replacement.
- **Water Resistance:** While water-resistant, avoid directing high-pressure water jets directly at the light, especially during bicycle washing.

8. TROUBLESHOOTING

If you experience issues with your AXA Blueline Rear Light, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
Light does not illuminate when cycling.	Loose or incorrect wiring connection. Dynamo malfunction. Light unit damage.	Check all wiring connections to the dynamo and light. Ensure they are secure and correctly polarized. Inspect your dynamo for proper function. If wiring and dynamo are fine, the light unit may be faulty and require replacement.
Stand light does not work or lasts for a very short time.	Insufficient charge in the capacitor. Capacitor malfunction.	Cycle for a longer period to allow the capacitor to fully charge. If the issue persists, the capacitor may be faulty, requiring light unit replacement.
Light flickers or is dim.	Poor dynamo contact or dirty dynamo. Loose wiring.	Clean the dynamo contact points. Check and secure all wiring connections.

9. SPECIFICATIONS

Feature	Detail
Model Number	93961495SC
Brand	AXA
Light Source	2 LEDs
Power Source	Dynamo (with capacitor)
Stand Light Duration	At least 4 minutes
Mounting Distance	50 mm (for luggage rack)

Feature	Detail
Material	Plastic
Color	Red
Dimensions (L x W x H)	Approx. 11 cm (Length) x 3 cm (Width) x 3.5 cm (Height)
Weight	62 g
Water Resistance	Water-resistant

10. WARRANTY AND SUPPORT

AXA products are manufactured to high-quality standards. For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official AXA website. If you encounter any issues or require technical assistance, please contact AXA customer support or your retailer.

For further assistance, please visit: www.axa-bike.com