

## AXA Echo 30

# AXA Echo 30 Bicycle Light User Manual

Model: Echo 30

## 1. INTRODUCTION

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Thank you for choosing the AXA Echo 30 Bicycle Light. This front light is designed to provide reliable illumination for your bicycle, enhancing visibility and safety during your rides. It features a robust design, an integrated reflector, and an on/off switch for convenient operation with a hub dynamo system.



Figure 1: AXA Echo 30 Bicycle Light. This image shows the overall design of the light, highlighting its clear lens, integrated reflector, and the robust housing.

## 2. SAFETY INFORMATION

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- Always ensure the light is securely mounted before riding.
- Do not look directly into the light beam to avoid temporary vision impairment.
- Ensure proper connection to the hub dynamo to prevent damage to the light or the dynamo.
- Regularly check the light for any damage or loose connections.
- This light is designed for bicycle use only.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- AXA Echo 30 Bicycle Light
- Stainless steel mounting bracket
- Mounting hardware (nut, bolt, washer)

## 4. SETUP AND INSTALLATION

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The AXA Echo 30 is designed for easy installation on most bicycle forks or handlebars using the provided stainless steel bracket.

### 4.1 Mounting the Light

1. Identify a suitable mounting point on your bicycle, typically on the front fork crown or a dedicated handlebar mount.
2. Attach the stainless steel mounting bracket to the light using the small bolt and nut. Ensure it is secure but allows for angle adjustment.
3. Position the light on your chosen mounting point. Use the larger bolt, washer, and nut to secure the bracket to the bicycle.
4. Adjust the angle of the light so that the beam is directed forward and slightly downwards, illuminating the road ahead without blinding oncoming traffic. Tighten all bolts securely.





Figure 2: Side view of the AXA Echo 30 showing the stainless steel mounting bracket. This image illustrates how the light attaches to the bicycle frame or fork.

## 4.2 Connecting to Hub Dynamo

The AXA Echo 30 is designed to be powered by a hub dynamo. Ensure your bicycle is equipped with a compatible hub dynamo.

1. Locate the two electrical terminals on the rear of the light.
2. Connect the wires from your hub dynamo to these terminals. Typically, one wire is for power and the other for ground. Refer to your bicycle's dynamo wiring diagram if unsure.



3. Ensure all connections are firm and protected from moisture.





Figure 3: Front view of the AXA Echo 30 Bicycle Light. This image highlights the main light output and the integrated reflector, crucial for visibility.

## 5. OPERATING INSTRUCTIONS

The AXA Echo 30 features an on/off switch for convenient control of the light.

- Once connected to a hub dynamo, the light will generate power as you ride.
- Locate the on/off switch on the light housing.
- Toggle the switch to the 'ON' position to activate the light. The light will illuminate when the bicycle is in motion and the dynamo is generating power.
- Toggle the switch to the 'OFF' position to deactivate the light.

## 6. MAINTENANCE

The AXA Echo 30 is designed for durability and requires minimal maintenance.

- **Cleaning:** Wipe the light's lens and housing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the plastic.
- **Connections:** Periodically check the electrical connections to the hub dynamo to ensure they are clean, secure, and free from corrosion.
- **Mounting:** Ensure the mounting bracket and hardware remain tight. Re-tighten if necessary to prevent the light from shifting during rides.
- **Storage:** If storing the bicycle for an extended period, ensure the light is clean and dry.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Light switch is OFF. Loose or faulty dynamo connection. Dynamo not generating power (e.g., bicycle not moving).	Toggle switch to ON. Check and secure dynamo wiring. Ensure bicycle is moving to generate power.
Light is dim or flickers.	Poor dynamo connection. Low speed (insufficient dynamo output). Dirty lens.	Check and clean dynamo connections. Increase riding speed. Clean the light lens.
Light is loose on the bicycle.	Mounting bolts are loose.	Tighten all mounting bolts securely.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	Scheinwerfer Echo 30
Part Number	13434
Brightness	30 Lumen
Power Source	Hub Dynamo
Mounting Type	Handlebar Mount (via fork crown)
Material	Stainless Steel (bracket)
Integrated Features	Reflector, On/Off Switch
International Protection Rating	IPX4 (Splash resistant)
Color	Black

## 9. WARRANTY AND SUPPORT

AXA products are manufactured to high quality standards. For specific warranty information or technical support, please refer to the official AXA website or contact your local dealer. Keep your proof of purchase for warranty claims.

For further assistance, please visit: [www.axa-bike.com](http://www.axa-bike.com)



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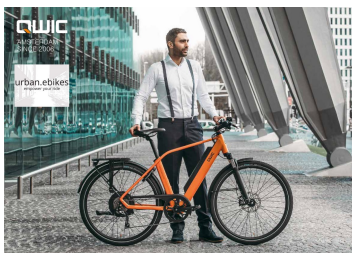




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