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### M-Wave Spy Space Barend (270019)

# M-Wave Spy Space Barend Bicycle Mirror User Manual

Model: Spy Space Barend (270019)

## INTRODUCTION

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The M-Wave Spy Space Barend bicycle mirror is designed to enhance your cycling safety by providing an expanded view of your surroundings. This mirror is suitable for both traditional bicycles and e-bikes. It features a 3-dimensional adjustable design and is securely mounted to the handlebar end using an inner clamp mechanism. The mirror glass is anti-reflective and impact-resistant, ensuring a clear and durable viewing experience.



Figure 1: Front view of the M-Wave Spy Space Barend Bicycle Mirror.

## SAFETY INFORMATION

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- Always ensure the mirror is securely mounted before riding. A loose mirror can obstruct your view or fall off.
- While the mirror provides an expanded view, always perform a head check before changing lanes or turning to confirm your surroundings.
- The mirror glass is impact-resistant but not unbreakable. Handle with care.
- Regularly clean the mirror surface to maintain clear visibility.
- Do not attempt to modify the mirror or its mounting mechanism, as this may compromise its integrity and safety.

## PACKAGE CONTENTS

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Please verify that all components are present in the package:

- 1 x M-Wave Spy Space Barend Bicycle Mirror



Figure 2: The M-Wave Spy Space Barend Bicycle Mirror as packaged.

## SETUP AND INSTALLATION

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The M-Wave Spy Space Barend mirror is designed for installation on the left handlebar end. Follow these steps for proper installation:

1. **Prepare Handlebar:** Ensure the end of your bicycle handlebar is clear of any grips or plugs that might obstruct the mirror's insertion. The mirror is designed to fit into the hollow end of most standard handlebars.
2. **Insert Mirror:** Gently insert the inner clamp mechanism of the mirror into the open end of your left handlebar.
3. **Tighten Clamp:** Using an appropriate hex key (not included), tighten the bolt located at the end of the mirror's mounting arm. As you tighten, the inner clamp will expand, securing the mirror firmly within the handlebar. Do not

overtighten, but ensure the mirror is stable and does not rotate freely.

4. **Adjust Angle:** Once secured, adjust the mirror's arm and head to achieve your desired viewing angle. The mirror offers 3-dimensional adjustability for optimal positioning.



Figure 3: Top view illustrating the adjustable arm and mirror head.



Figure 4: Side view of the mirror, showing the mounting point.

## OPERATING INSTRUCTIONS

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Once installed, the M-Wave Spy Space Barend mirror is ready for use. Its primary function is to provide a rear view, enhancing situational awareness while cycling.

- **Initial Adjustment:** Before your first ride, sit on your bicycle in your normal riding position. Adjust the mirror so you have a clear view of the road behind you, including traffic. The 3-dimensional adjustability allows for fine-tuning.
- **Regular Checks:** Periodically check the mirror's position during your ride, especially after encountering bumps or vibrations, to ensure it hasn't shifted.

- **Convex Lens:** The mirror features a convex lens, which provides a wider field of view. Objects in the mirror will appear smaller and farther away than they actually are. Use this information to judge distances safely.

## MAINTENANCE

To ensure the longevity and optimal performance of your M-Wave Spy Space Barend mirror, follow these maintenance guidelines:

- **Cleaning:** Clean the mirror surface regularly with a soft, damp cloth. For stubborn dirt, use a mild soap solution and then wipe dry. Avoid abrasive cleaners or materials that could scratch the anti-reflective coating.
- **Inspection:** Periodically inspect the mirror and its mounting for any signs of damage, cracks, or looseness.
- **Tightness:** If the mirror feels loose, re-tighten the inner clamp bolt as described in the "Setup and Installation" section.
- **Storage:** When not in use for extended periods, store the bicycle in a dry, temperate environment to prevent material degradation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Mirror is loose or rotates easily.	Inner clamp bolt is not tight enough.	Re-tighten the inner clamp bolt using a hex key until the mirror is secure.
View is blurry or obstructed.	Mirror surface is dirty or scratched.	Clean the mirror surface with a soft, damp cloth. If scratched, replacement may be necessary.
Mirror does not fit into handlebar.	Handlebar inner diameter is too small or obstructed.	Ensure the handlebar end is clear. Verify your handlebar's inner diameter is compatible with bar-end accessories.

## SPECIFICATIONS

Feature	Detail
Brand	M-Wave
Model Name	Spy Space Barend
Model Number	270019
Color	Black
Mounting Type	Handlebar End (Inner Clamp)
Auto Part Position	Left
Mirror Type	Convex, Anti-reflective, Impact-resistant
Adjustability	3-dimensional
Item Weight	141 Grams (approx. 5 ounces)
Dimensions (Mirror)	Approx. 11.3 x 16.5 cm

Feature	Detail
Shape	Pentagonal

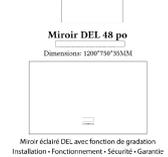
## WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the official M-Wave website or contact your retailer. Keep your proof of purchase for any warranty claims.

For further assistance, you may visit the M-Wave store on Amazon: [M-Wave Store](#)

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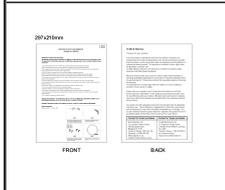
## Related Documents - Spy Space Barend (270019)

	<p><a href="#">Rizoma Spy-Arm Mirror BS300 Installation Manual</a></p> <p>Comprehensive installation guide for the Rizoma Spy-Arm Mirror (BS300), detailing step-by-step instructions for mounting and adjusting the mirror on motorcycle handlebars. Includes safety warnings and product information.</p>
 Instruction manual 810 0044 glassless rear mirror 	<p><a href="#">motogadget mo.view Glassless Rear Mirror Instruction Manual V1.5</a></p> <p>Comprehensive instruction manual for the motogadget mo.view glassless rear mirror, covering features, handling, installation, and compatibility with various handlebar adapters. Includes technical specifications and safety information.</p>
 Miroir DEL 48 po Dimensions: 1200*750*35MM Miroir éclairé DEL avec fonction de gradation Installation - Fonctionnement - Sécurité - Garantie 	<p><a href="#">Orren Ellis 48-inch LED Bathroom Mirror with Touch Screen, Defogger, and Bluetooth - Installation and Operation Guide</a></p> <p>Comprehensive guide for the Orren Ellis 48-inch LED Bathroom Mirror (Model M-971-48). Features include touch screen control, defogger, Bluetooth audio, dimmable lighting, and clock/temperature display. Covers installation, wiring, operation, maintenance, and troubleshooting.</p>



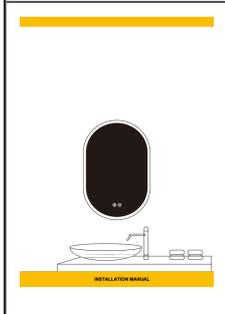
[SERA 48" LED Mirror: Bali Series M-48BFFR - Installation & Operation Guide](#)

Comprehensive guide for the SERA 48" LED Mirror, Bali Series (Model M-48BFFR), covering installation, operation, safety, features, and troubleshooting. Features include LED lighting, anti-fog, and touch controls.



[Round Wave LED Mirror \(Model 304115\) - Safety, Installation & Warranty Guide](#)

Comprehensive guide for the Round Wave LED Mirror (Model 304115), including important safety instructions, installation steps, product specifications, and 12-month warranty details from Kmart and Target.



[GETPRO Oval LED Lighted Bathroom Mirror Installation Guide](#)

Step-by-step installation manual for the GETPRO oval frameless backlit LED bathroom mirror. Includes safety warnings, tools required, hardware list, and operating instructions.