

microSHIFT SL-M819-R

microSHIFT ADVENT Right Trigger Shifter User Manual

Model: SL-M819-R

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your microSHIFT ADVENT Right Trigger Shifter. Designed for reliable performance, this 1x9 speed shifter is compatible exclusively with microSHIFT ADVENT rear derailleurs.

Please read this manual thoroughly before use to ensure proper function and longevity of your product.

PRODUCT OVERVIEW

The microSHIFT ADVENT Right Trigger Shifter is engineered for precise and durable indexing, offering consistent shifting in various riding conditions. Its design incorporates ergonomic levers for comfortable use and an intuitive index-thumb lever orientation for easy gear changes.

- **Shifter Style:** Trigger
- **Drivetrain Speeds:** 9-speed
- **Compatibility:** microSHIFT ADVENT rear derailleurs only
- **Material:** Aluminum bracket
- **Color:** Black



Figure 1: The microSHIFT ADVENT Right Trigger Shifter, showing its black body, ergonomic levers, and the "microSHIFT ADVENT" branding.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any step, it is recommended to seek assistance from a qualified bicycle mechanic.

1. **Prepare Handlebar:** Ensure the handlebar area where the shifter will be mounted is clean and free of obstructions.
2. **Position Shifter:** Slide the shifter onto the handlebar. Position it ergonomically so that the levers are easily accessible by your thumb and index finger. The aluminum bracket should securely grip the handlebar.
3. **Secure Shifter:** Tighten the mounting bolt on the shifter's clamp. Do not overtighten; refer to your bicycle's component torque specifications if available.
4. **Install Shift Cable:** Route the shift cable from the shifter to the rear derailleur. Ensure the cable housing is cut to the correct length and that there are no sharp bends that could impede cable movement.
5. **Connect to Derailleur:** Securely attach the shift cable to your microSHIFT ADVENT rear derailleur.
6. **Adjust Indexing:** With the chain on the smallest cog, pull the cable taut and tighten the derailleur's cable fixing bolt. Shift through all gears, making fine adjustments with the barrel adjuster on the shifter or derailleur until shifting is smooth and precise across all 9 speeds.

For detailed visual guides, consult official microSHIFT installation videos or your bicycle's specific assembly instructions.

OPERATING INSTRUCTIONS

The microSHIFT ADVENT Right Trigger Shifter features an intuitive two-lever system for changing gears.

- **Upshifting (Harder Gear):** To shift to a harder (smaller) cog, push the smaller, inner lever with your thumb. Each click will shift one gear.
- **Downshifting (Easier Gear):** To shift to an easier (larger) cog, pull the larger, outer lever with your index finger. Each click will shift one gear.

Always pedal forward while shifting to ensure smooth and efficient gear changes and to prevent damage to your drivetrain components.

MAINTENANCE

Regular maintenance will extend the life and performance of your shifter.

- **Cleaning:** Periodically wipe down the shifter body with a clean, damp cloth to remove dirt and grime. Avoid using harsh chemicals that could damage the finish or internal components.
- **Cable Lubrication:** Ensure shift cables are clean and lightly lubricated. Worn or corroded cables can lead to poor shifting performance. Replace cables and housing as needed.
- **Check Fasteners:** Regularly check that the shifter's mounting bolt is securely tightened.
- **Inspect for Damage:** Visually inspect the shifter for any signs of cracks, bends, or excessive wear on the levers or body.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Difficulty shifting or imprecise shifts	Cable tension incorrect	Adjust barrel adjuster on shifter or derailleur
	Worn or dirty shift cable/housing	Clean or replace cable and housing
	Deraillieur alignment issues	Check and adjust derailleur hanger alignment
	Compatibility issue (not ADVENT derailleur)	Ensure compatibility with microSHIFT ADVENT rear derailleur
Shifter levers feel stiff or sticky	Internal mechanism dirty	Flush with a light lubricant (e.g., silicone spray)
	Cable friction	Inspect and lubricate/replace shift cable and housing

If problems persist, consult a professional bicycle mechanic.

SPECIFICATIONS

- **Model Number:** SL-M819-R
- **Shifter Style:** Trigger
- **Drivetrain Speeds:** 9-speed
- **Compatibility:** microSHIFT ADVENT rear derailleurs only
- **Material:** Aluminum (bracket)
- **Color:** Black
- **Item Weight:** Approximately 6 ounces (170 grams)
- **Product Dimensions:** Approximately 6.18 x 2.76 x 3.07 inches

WARRANTY AND SUPPORT

For warranty information, please refer to the official microSHIFT website or contact your authorized dealer. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please visit the microSHIFT official website or contact their customer service department. You can often find detailed FAQs, video tutorials, and contact information on their support pages.

Official microSHIFT Website: www.microshift.com

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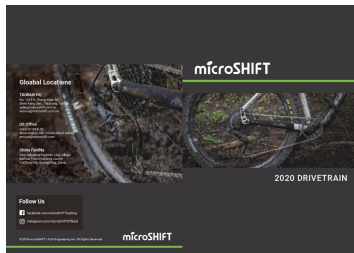
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