

## SHIMANO ST-R2000-L

# Shimano Claris ST-R2000-L Left 2-Speed Shift/Brake Lever Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Shimano Claris ST-R2000-L Left 2-Speed Shift/Brake Lever. This component is designed for 2x8-speed road bicycle drivetrains, offering precise shifting and reliable braking performance.

Key features include:

- **Optimized for 2x8 Drivetrains:** Ensures precise and reliable shifting for road cycling.
- **Durable Construction:** Built with lightweight aluminum and composite materials for long-lasting performance.
- **Advanced Super SLR Technology:** Minimizes cable friction for enhanced braking response and modulation.
- **Reach Adjustment Mechanism:** Allows customization of lever distance for optimal comfort and control.
- **Dual Control System:** Combines braking and shifting functions into a single ergonomic lever.

## 2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining bicycle components. Improper installation or adjustment can lead to serious injury.

- Read this manual thoroughly before use.
- If you are unsure about any installation or adjustment procedures, consult a professional bicycle mechanic.
- Ensure all bolts are tightened to the manufacturer's specified torque values.
- Regularly inspect your shift/brake lever and cables for wear or damage. Replace worn components immediately.
- Always wear appropriate safety gear, including a helmet, when riding your bicycle.

## 3. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- Shimano Claris ST-R2000-L Left 2-Speed Shift/Brake Lever
- 1800mm SL Inner Shift Cable (pre-assembled)
- OT-SP41 Cable Housing

## 4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. Refer to the image below for visual guidance.





Image: Shimano Claris ST-R2000-L Left 2-Speed Shift/Brake Lever, showing the ergonomic design and integrated brake/shift mechanism.

1. **Mounting the Lever:** Securely mount the ST-R2000-L lever onto the left side of your bicycle's drop handlebar. Ensure it is positioned ergonomically for comfortable reach to both the brake and shift levers. Tighten the clamp bolt to the manufacturer's recommended torque.
2. **Brake Cable Installation:** Route the brake cable through the lever body and connect it to your front brake caliper. Adjust the cable tension to ensure proper brake function and lever feel.
3. **Shift Cable Installation:** The inner shift cable is pre-assembled. Route the cable housing (OT-SP41) and the inner shift cable to your front derailleur. Ensure smooth cable routing without sharp bends. Connect the inner cable to the front derailleur.
4. **Initial Adjustments:** Perform initial adjustments for both the brake and front derailleur. Ensure the brake lever engages smoothly and the front derailleur shifts between the two chainrings without hesitation or chain rub.
5. **Reach Adjustment:** Utilize the reach adjustment mechanism to customize the lever distance to fit your hand size. This enhances comfort and control.

## 5. OPERATING INSTRUCTIONS

The ST-R2000-L features a Dual Control System, integrating both braking and shifting functions into a single lever.

- **Braking:** Pull the main lever blade towards the handlebar to engage the front brake. The Super SLR technology ensures responsive braking.
- **Shifting Up (to larger chainring):** Push the main lever blade inwards towards the bike frame. This action will shift the chain to the larger chainring on your crankset.
- **Shifting Down (to smaller chainring):** Push the smaller lever blade (located behind the main lever) inwards towards the bike frame. This action will shift the chain to the smaller chainring.
- **Ergonomics:** The ergonomic design and adjustable reach allow for comfortable and efficient operation during various riding conditions.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your shift/brake lever.

- **Cleaning:** Keep the lever body and surrounding areas clean from dirt and debris. Use a soft cloth and mild detergent if necessary.
- **Cable Inspection:** Periodically inspect both brake and shift cables for fraying, rust, or kinks. Replace cables and housing if any damage is observed.
- **Lubrication:** Apply a small amount of appropriate lubricant to the pivot points of the lever and the inner shift cable where it enters the housing to maintain smooth operation.
- **Bolt Torque:** Check all mounting bolts periodically to ensure they remain tightened to the correct torque specifications.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

| Problem                                      | Possible Cause  | Solution   |
|--|---|--|
| Difficulty shifting to larger chainring      | Insufficient cable tension; Front derailleur not indexed correctly; Worn shift cable/housing.   | Increase shift cable tension; Adjust front derailleur indexing (H/L limits); Replace shift cable and housing.                          |
| Difficulty shifting to smaller chainring     | Excessive cable tension; Front derailleur not indexed correctly.  | Decrease shift cable tension; Adjust front derailleur indexing (H/L limits).   |
| Brake lever feels spongy or unresponsive     | Loose brake cable; Worn brake pads; Air in hydraulic system (if applicable, though not for this product); Contaminated brake surface. | Tighten brake cable; Replace brake pads; Inspect brake system for issues.  |
| Front derailleur rubs chain in certain gears | Front derailleur indexing or limit screws incorrectly set.  | Carefully adjust front derailleur limit screws and indexing. This often requires precise adjustment. Consult a professional if needed. |

8. SPECIFICATIONS

| Feature             | Detail                           |
|---------------------|----------------------------------|
| Model Number        | ST-R2000-L                       |
| Brand               | SHIMANO                          |
| Type                | Shift/Brake Lever (Dual Control) |
| Speed Compatibility | 2-Speed (Left)                   |
| Hand Orientation    | Left                             |
| Material            | Aluminum, Composite              |

| Feature             | Detail   |
|---------------------|--|
| Color               | Black  |
| Product Dimensions  | 8.5"L x 7"W  |
| Included Components | 1800mm SL Inner Shift Cable (pre-assembled), OT-SP41 Cable Housing |
| Special Feature     | Reach Adjustment, Super SLR Technology                             |
| UPC                 | 689228781641   |

## 9. WARRANTY AND SUPPORT

This Shimano product comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Shimano website.

For technical support, replacement parts, or further assistance, please contact Shimano customer service or your authorized Shimano dealer. You can find contact information on the official SHIMANO website: [www.shimano.com](http://www.shimano.com)