

Lutron RD-RS-WH

Lutron RD-RS-WH Remote Switch Instruction Manual

Model: RD-RS-WH

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Lutron RD-RS-WH Remote Switch. This device is designed for lighting control, offering ON-OFF functionality and remote control capabilities, including Wi-Fi connectivity. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

- **WARNING:** To avoid serious injury or death, always turn off power at the circuit breaker or fuse box before wiring.
- This product must be installed in accordance with all national and local electrical codes.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Do not use this device with loads exceeding its specified ratings.
- For indoor use only.

3. PACKAGE CONTENTS

- Lutron RD-RS-WH Remote Switch
- Installation Guide (this document)
- Mounting Screws (typically included)

4. SPECIFICATIONS

Specification	Detail
Model Number	RD-RS-WH

Specification	Detail
Operation Mode	ON-OFF
Operating Voltage	120 Volts
Contact Type	Normally Open
Connector Type	Screw Terminals
Brand	Lutron
Terminal	Screw
Dimensions (L x W x H)	4.8 x 2.4 x 2.4 inches
Circuit Type	Parallel
Actuator Type	Tap
Contact Material	Copper
International Protection Rating	IP00
Number of Positions	2
Specification Met	UL
Controller Type	Remote Control
Control Method	Remote
Connectivity Protocol	Wi-Fi
Item Weight	4 ounces
Finish	Satin
Batteries Included?	No
Batteries Required?	No

5. INSTALLATION AND SETUP

Before you begin: Ensure power is OFF at the circuit breaker. Failure to do so may result in serious injury or death.

- Turn Off Power:** Locate the circuit breaker or fuse that controls the light switch you are replacing or the circuit where you intend to install the new switch. Turn it OFF. Verify power is off using a voltage tester.
- Prepare Wiring:** Carefully remove the existing wall plate and switch (if applicable). Identify the wires: typically Line (hot), Load (to light fixture), and Ground. The Lutron RD-RS-WH switch includes a green ground wire.
- Connect Wires:** Use the screw terminals on the Lutron RD-RS-WH switch to connect the wires. Follow the wiring diagram provided with your specific installation. Generally, the Line wire connects to one terminal, the Load wire to another, and the green ground wire connects to the bare copper or green ground wire from the electrical box. Ensure all connections are secure.



Image Description: A front view of the Lutron RD-RS-WH Remote Switch. The switch is white with a metal mounting frame. A green ground wire is visible on the left side, extending from the top of the switch to a screw terminal at the bottom. Another yellow wire is partially visible behind the green wire. The metal frame has screw terminals at the bottom for electrical connections. Markings like 'T50' and '8.3 A' are visible on the bottom metal bracket, indicating technical specifications.

4. **Mount the Switch:** Gently fold the wires into the electrical box. Secure the switch to the electrical box using the provided mounting screws. Attach the wall plate (sold separately, if not included).
5. **Restore Power:** Turn the power back ON at the circuit breaker.
6. **Test Functionality:** Test the switch to ensure proper ON-OFF operation.

6. OPERATION

The Lutron RD-RS-WH Remote Switch provides simple ON-OFF control for your lighting or other connected loads.

- **Manual Control:** Press the top of the switch paddle to turn the connected load ON. Press the bottom of the switch paddle to turn the connected load OFF.
- **Remote Control:** This switch is designed to be controlled remotely. Refer to the instructions for your specific Lutron remote control device or Wi-Fi application for pairing and operation details. The switch supports Wi-Fi connectivity for smart home integration.

7. MAINTENANCE

- **Cleaning:** To clean the switch, wipe with a soft, damp cloth. Do not use chemical cleaners or abrasives.
- **No User-Serviceable Parts:** The Lutron RD-RS-WH Remote Switch contains no user-serviceable parts. Do not attempt to open or repair the device.

8. TROUBLESHOOTING

- **Lights Not Turning ON/OFF:**

- Check if the circuit breaker is ON.
- Verify that the light bulb is functional and properly installed.
- Ensure all wiring connections to the switch are secure.
- **Remote Control Not Working:**
 - Ensure the remote control device (if applicable) has fresh batteries.
 - Check the pairing instructions for your specific remote control or Wi-Fi application to ensure proper connection with the RD-RS-WH switch.
 - Verify Wi-Fi network connectivity if using a smart home system.
- **Switch is Warm to the Touch:** It is normal for the switch to feel warm during operation. If it becomes excessively hot or emits a burning smell, immediately turn off power at the circuit breaker and contact a qualified electrician.

9. WARRANTY INFORMATION

For detailed warranty information regarding your Lutron RD-RS-WH Remote Switch, please refer to the official Lutron website or the warranty documentation included with your product packaging. Warranty terms and conditions may vary.

10. SUPPORT

For further assistance, technical support, or to explore other Lutron products, please visit the official Lutron website or contact Lutron customer service.

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