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Lightolier CR-3-W

Lightolier Controls CR-3-W Crescendo Remote Wall Switch User Manual

Model: CR-3-W

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1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lightolier Controls CR-3-W Crescendo Remote Wall Switch. Please read this manual thoroughly before installation and use to ensure proper function and safety. This remote wall switch is designed to provide convenient control over lighting fixtures, offering both on/off and dimming capabilities.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Improper installation can lead to serious injury or death. Always turn off power at the circuit breaker or fuse box before installation or servicing. Consult a qualified electrician if you are unsure about any part of the installation process.

- Do not install with wet hands.
- Do not use outdoors or in wet locations.
- Ensure all wiring connections are secure and comply with local electrical codes.
- This device is intended for indoor use only.
- Operate within the specified voltage range of 120 Volts.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Lightolier Controls CR-3-W Crescendo Remote Wall Switch (White)
- Mounting Screws

- Wire Nuts (optional, may vary)
- Instruction Manual (this document)



Image 1: The Lightolier Controls CR-3-W Crescendo Remote Wall Switch. This image shows the front face of the white wall switch, featuring a push-button actuator for control.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Checklist

- Ensure power is OFF at the circuit breaker.
- Confirm the existing wall box is suitable for a standard wall switch.
- Gather necessary tools: screwdriver, wire strippers, electrical tape.

4.2 Wiring Instructions

The CR-3-W is designed for multi-way circuit applications and uses screw terminals for connections. This remote switch requires connection to a compatible master dimmer or switch (sold separately) for full functionality.

1. **Turn off Power:** Locate the circuit breaker controlling the switch location and turn it OFF. Verify

power is off using a voltage tester.

2. **Remove Old Switch:** Carefully remove the existing wall plate and switch from the wall box. Disconnect the wires from the old switch, noting their connections.
3. **Identify Wires:** Typically, you will find a common wire, traveler wires (for multi-way setups), and a ground wire. Refer to your master dimmer/switch manual for specific wiring diagrams for remote switches.
4. **Connect Wires:** Connect the wires to the CR-3-W remote switch's screw terminals according to the wiring diagram provided with your master dimmer/switch. Ensure all connections are tight and secure.
5. **Grounding:** Connect the bare copper or green insulated ground wire from the wall box to the green ground screw on the switch.
6. **Secure Switch:** Gently push the wired switch into the wall box. Secure it with the provided mounting screws.
7. **Install Wall Plate:** Attach the new wall plate (not included) over the switch.
8. **Restore Power:** Turn the power back ON at the circuit breaker.

Note: This remote switch communicates with a master unit, potentially via Wi-Fi connectivity as indicated in specifications. Ensure your master unit is also properly installed and configured for remote communication.

5. OPERATING INSTRUCTIONS

The Lightolier CR-3-W Crescendo Remote Wall Switch functions as a remote control for a compatible master dimmer or switch. Its operation is straightforward:

- **On/Off Control:** Press the push-button actuator once to turn the connected lights ON or OFF.
- **Dimming Control:** Press and hold the push-button actuator to dim or brighten the lights. Release the button when the desired light level is reached.
- **Last Level Memory:** The switch will typically recall the last dimming level when turned back on, depending on the master unit's capabilities.

Note: The exact response and features may depend on the specific master dimmer or switch it is paired with. Refer to the master unit's manual for advanced functionalities or pairing instructions.

6. MAINTENANCE

The Lightolier CR-3-W Crescendo Remote Wall Switch requires minimal maintenance.

- **Cleaning:** To clean the switch, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Inspection:** Periodically inspect the switch and wall plate for any signs of damage or loose connections. If any issues are found, turn off power at the circuit breaker and address them immediately.

7. TROUBLESHOOTING

If you experience issues with your remote wall switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not respond to the remote switch.	<ul style="list-style-type: none"> No power to the switch. Incorrect wiring. Master dimmer/switch is off or malfunctioning. Remote switch not properly paired with master unit (if applicable). 	<ul style="list-style-type: none"> Check circuit breaker. Verify wiring connections against the master unit's manual. Ensure the master dimmer/switch is powered and functioning. Refer to the master unit's manual for pairing instructions.
Lights flicker or dim erratically.	<ul style="list-style-type: none"> Incompatible bulbs with the master dimmer. Loose wiring connection. 	<ul style="list-style-type: none"> Ensure bulbs are dimmable and compatible with your master dimmer. Turn off power and check all wiring connections for tightness.
Remote switch feels warm.	<ul style="list-style-type: none"> Normal operation (slight warmth is common). Overload or faulty wiring (if excessively hot). 	<ul style="list-style-type: none"> A slight warmth is normal. If excessively hot, turn off power immediately and consult a qualified electrician.

If the problem persists after trying these solutions, contact Lightolier customer support or a qualified electrician.

8. SPECIFICATIONS

Feature	Detail
Model Number	CR-3-W
Brand	Lightolier
Color	White
Operation Mode	Manual
Control Method	Remote
Actuator Type	Push Button
Circuit Type	Multi-way
Mounting Type	Wall Mount
Terminal Type	Screw
Voltage	120 Volts
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi
Item Weight	1 pounds

Feature	Detail
Package Dimensions	12.5 x 9.5 x 0.3 inches
UPC	642337965746

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Lightolier products are manufactured to high-quality standards. For specific warranty details regarding your CR-3-W Crescendo Remote Wall Switch, please refer to the warranty card included with your purchase or visit the official Lightolier website. Keep your proof of purchase for warranty claims.

9.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact Lightolier customer support. Contact information can typically be found on the product packaging or the official Lightolier website.

Website: www.lightolier.com (Example, please verify official website)