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T-Club B09LR4155R

T-Club LED Light Kit for Lego Home Alone 21330 (RC Version)

Model: B09LR4155R | Brand: T-Club

INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your T-Club LED Light Kit, RC Version, specifically designed for the Lego Home Alone 21330 building model. This kit enhances your Lego model with realistic lighting effects. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation.

PACKAGE CONTENTS

Please verify that all components are present before proceeding with installation. The Lego building model is **not** included with this light kit.

- LED Light Strips and Individual LEDs (various sizes and colors)
- Connecting Wires and Expansion Boards
- USB Power Cable
- Battery Box (requires 3 x AAA batteries, not included)
- Remote Control (for RC functionality)
- Step-by-step Photo Instruction Manual (physical or digital)

SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury:

- **Age Recommendation:** This product is recommended for users 14 years and up.
- **Electrical Safety:** Ensure the voltage supplied is less than 1A 5V to avoid damage to the LED components. Do not connect to power sources exceeding these specifications.
- **Handling:** Install the LED lights carefully. Avoid over-pulling, bending, or shaking the wires and lights, as this can cause damage.
- **Batteries:** If using the battery box, ensure correct battery polarity. Do not mix old and new batteries, or different types of batteries. Remove batteries if the kit will not be used for an extended period.

- **Indoor Use Only:** This product is designed for indoor use. It is not water-resistant.

SETUP AND INSTALLATION

Follow the detailed step-by-step photo instructions provided with your kit for precise installation. The general steps are outlined below:

1. **Prepare Your Lego Model:** Ensure your Lego Home Alone 21330 model is fully assembled according to its original instructions before installing the light kit.
2. **Identify Components:** Familiarize yourself with the various LED lights, wires, and expansion boards. The instruction manual will guide you on where each component should be placed.
3. **Install LEDs:** Carefully integrate the LED lights into the designated areas of your Lego model. This often involves disassembling small sections of the Lego model, placing the lights, and then reassembling.
4. **Route Wires:** Neatly route the connecting wires between the LEDs and the expansion boards. Use the gaps between Lego bricks to hide wires as much as possible. Avoid pinching or sharply bending wires.
5. **Connect to Expansion Boards:** Plug the LED wires into the appropriate ports on the expansion boards. Ensure secure connections.
6. **Connect Power:** Connect the expansion boards to the main power cable. You can power the kit using either the USB cable (connecting to a 5V USB power source) or the battery box (insert 3 x AAA batteries first).
7. **Remote Control Setup:** For the RC Version, ensure the remote control is paired with the receiver. Follow specific instructions in your kit's manual for pairing if necessary.



Image: Close-up view of the exterior LED lights illuminating the front porch and windows of the Lego Home Alone house. This demonstrates the detailed placement of individual lights.

OPERATING INSTRUCTIONS

Once installed, operating your T-Club LED Light Kit is straightforward:

- **Power On/Off:** Connect the USB cable to a power source or ensure batteries are correctly installed in the battery box. The lights should illuminate. Use the remote control to turn the lights on or off.
- **Using the Remote Control:** The included remote control allows you to manage various lighting functions. Refer to the remote's specific button layout in your kit's manual for detailed functions, which typically include:
 - Power On/Off
 - Brightness Adjustment (dimming/brightening)
 - Lighting Modes (e.g., steady, flashing, breathing)
 - Color Selection (if applicable)



Image: The fully illuminated Lego Home Alone house model, with a hand holding the remote control in the foreground, demonstrating the RC functionality of the light kit.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your light kit:

- **Cleaning:** Gently dust the LED lights and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the electrical components.
- **Battery Replacement:** If using the battery box, replace all three AAA batteries when the lights dim or stop working. Ensure the battery compartment is clean and dry.
- **Wire Inspection:** Periodically check all wires for any signs of wear, fraying, or damage. If any damage is found, discontinue use and contact customer support.
- **Storage:** If storing the Lego model with the light kit installed, ensure it is kept in a dry, dust-free environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your light kit, refer to the following common problems and solutions:

- **Lights Not Working:**

- Check power source: Ensure the USB cable is securely connected to a working 5V USB port or that fresh AAA batteries are correctly installed in the battery box.
 - Check all wire connections: Ensure all LED wires are firmly plugged into the expansion boards and the expansion boards are connected to the main power cable.
 - Inspect for damaged wires: Look for any visible breaks or pinches in the wires.
- **Remote Control Not Responding:**
 - Replace remote control batteries.
 - Ensure there is no obstruction between the remote and the RC receiver.
 - Re-pair the remote control with the receiver if necessary (refer to your kit's specific instructions).
 - **Flickering Lights:**
 - Ensure the power supply is stable and meets the 5V requirement.
 - Check for loose connections at the expansion boards or individual LEDs.

If these steps do not resolve the issue, please contact T-Club customer support for further assistance.

SPECIFICATIONS

Brand	T-Club
Model	B09LR4155R (RC Version)
Light Source Type	LED
Power Source	Battery Powered (3 x AAA, not included) / USB (5V)
Voltage	5 Volts
Control Method	Remote Control (Infrared Sensor Technology)
Product Dimensions (Packaging)	5.91 x 4.33 x 1.18 inches
Recommended Age	14 years and up
Indoor/Outdoor Usage	Indoor Only
Water Resistance Level	Not Water Resistant

CUSTOMER SUPPORT

T-Club is committed to providing a positive shopping experience for every customer. If you have any questions, concerns, or encounter any issues with your LED Light Kit, please do not hesitate to contact our customer support team. We are dedicated to providing solutions and ensuring your satisfaction.

For support, please refer to the contact information provided with your purchase or visit the official T-Club website.