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BrickSoul 21330

BrickSoul LED Light Kit for LEGO Home Alone Set 21330 (RC Sound Version) - Instruction Manual

Model: 21330

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your BrickSoul LED Light Kit, specifically designed for the LEGO Home Alone Set 21330. This kit enhances your LEGO model with integrated lighting and sound effects, bringing your creation to life. Please read this manual thoroughly before beginning installation to ensure a smooth and enjoyable experience. The LEGO building set is not included with this light kit.



Image: A detailed display of the LEGO Home Alone set illuminated by the BrickSoul LED Light Kit, showcasing both interior and exterior lighting effects.

2. SAFETY INFORMATION

Please observe the following safety precautions:

- This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- Handle wires and LED components with care to avoid damage.
- Ensure power is disconnected before making any adjustments or repairs.
- Do not expose the components to water or excessive moisture.
- Use only the specified power source (USB cable or battery box) to prevent damage to the lighting system.
- Keep batteries out of reach of children. Dispose of batteries properly.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- LED Light Strips and Individual LEDs
- Connecting Cables
- USB Power Cable
- Battery Box (with included AA batteries)
- Remote Control (for RC Sound Version, with included battery)
- Adhesive Squares/Mounting Brackets
- Illustrated Installation Manual



Cable Interface

Reinforced interfaces,
high-quality light cables

Battery Box

Durable and long-lasting battery



Lighting Accessories

Exquisite and delicate,
quality assurance

LED Lighting

Excellent and stable lighting effects



Image: Key components of the BrickSoul LED Light Kit, including the reinforced cable interface, durable battery box, various lighting accessories, and LED lighting elements.

4. SETUP AND INSTALLATION

The BrickSoul LED Light Kit is designed for easy integration with your LEGO Home Alone Set 21330. Follow the detailed

steps in the included illustrated manual. For an interactive guide, you can also access the e-manual online.

1. **Prepare Your LEGO Set:** Ensure your LEGO Home Alone Set 21330 is fully assembled and stable.
2. **Access Online Instructions (Optional):** For a step-by-step visual guide, visit <https://support.bricksoultoy.com/> and search for model 21330. The e-manual provides zoomable images for detailed viewing.
3. **Identify Lighting Points:** Refer to the manual to locate the specific areas on your LEGO model where lights are to be installed.
4. **Install LEDs:** Carefully attach the LED lights and light strips to the designated positions. The wires are designed to fit between LEGO studs and bricks.
5. **Connect Cables:** Route the connecting cables discreetly and connect them to the main control board or other designated connection points. Ensure all connections are secure.
6. **Power Connection:** Connect the USB power cable to a compatible USB power source (e.g., power bank, USB wall adapter) or connect the battery box (with included 3x AA batteries) to the lighting system.
7. **Test Lights:** Before fully securing all components, briefly power on the system to ensure all lights are functioning correctly.
8. **Finalize Placement:** Once satisfied with the light placement and functionality, secure any loose wires or components using the provided adhesive squares or by carefully tucking them into the LEGO structure.



Image: Step-by-step visual guidance for installing the LED light kit into a LEGO model, demonstrating how to integrate the wires and lights.

From drab to brilliant, just one LED light away!

--every detail is the ultimate pursuit of the prototype.



PERFECT INTEGRATION

The perfect integration of LED light lines and building blocks



Image: A comparison demonstrating the seamless integration of the LED light kit with the LEGO model, showing the transformation from an unlit to a brilliantly illuminated state.

5. OPERATING INSTRUCTIONS

Your BrickSoul LED Light Kit (RC Sound Version) comes with a remote control for convenient operation of lighting and sound effects.



Image: The BrickSoul LED Light Kit illuminating the LEGO Home Alone set, showcasing the remote control for light and sound functions.

Remote Control Functions:

- **Power Button:** Turns the lighting and sound system on or off.
- **Brightness Control:** Adjusts the intensity of the LED lights. Look for '+' and '-' buttons or a dimmer dial.
- **Light Mode Selection:** Cycles through various lighting effects (e.g., steady on, flashing, pulsing).
- **Sound Control:** Activates or deactivates sound effects. May include volume adjustment or sound selection buttons.
- **Color Selection (if applicable):** Changes the color of multi-color LEDs.

Refer to the specific remote control diagram in your physical manual for exact button layouts and functions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your BrickSoul LED Light Kit, follow these maintenance guidelines:

- **Cleaning:** Gently dust the LED components and wires with a soft, dry cloth. Avoid using liquid cleaners.

- **Battery Replacement:** If using the battery box, replace batteries when lights dim or sound quality degrades. Ensure correct polarity.
- **Wire Inspection:** Periodically check wires for any signs of wear or damage. If damage is found, discontinue use and contact customer support.
- **Storage:** If disassembling the LEGO set, carefully remove the light kit components and store them in a dry, cool place away from direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, dead batteries.	Check USB power source or replace batteries. Ensure all cables are securely connected.
Some lights are not working.	Damaged LED, loose connection to a specific light.	Inspect the non-working LED and its connection. If damaged, contact support for replacement.
Remote control is unresponsive.	Dead remote battery, obstruction, out of range.	Replace remote control battery. Ensure clear line of sight to the receiver. Move closer to the LEGO set.
Sound is not working or distorted.	Loose speaker connection, low power, sound setting off.	Check speaker connections. Ensure sufficient power. Verify sound is enabled via remote control.

8. SPECIFICATIONS

Feature	Detail
Brand	BrickSoul
Model Compatibility	LEGO Home Alone Set 21330
Light Source Type	LED
Power Source	Battery Powered (3x AA included) or USB
Voltage	5 Volts
Bulb Features	Sound Activation, Remote Control
Material	Plastic
Item Weight	Approximately 1.92 ounces (kit components)
Recommended Age	14 years and up

9. WARRANTY AND SUPPORT

BrickSoul is committed to providing high-quality products and excellent customer service. Your LED Light Kit is backed by our comprehensive support.

- **Customer Service:** We offer 24-hour professional customer service for rapid response to your inquiries.
- **Technical Support:** Long-term product use guidance and technical assistance are available.

- **Replacement Policy:** In case of non-human damage, we provide product replacement to ensure your satisfaction.
- For support, please visit our official website or contact us through your purchase platform.

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