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BrickSoul 31212-rc

BrickSoul LED RC Light Kit for LEGO 31212 Milky Way Galaxy - Instruction Manual

Model: 31212-rc

1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BrickSoul LED RC Light Kit, designed specifically for the LEGO 31212 Milky Way Galaxy model. This kit enhances your LEGO creation with vibrant, adjustable lighting, transforming it into a dynamic display piece. Please note that the LEGO model itself is not included with this lighting kit.



The BrickSoul LED RC Light Kit illuminates the LEGO 31212 Milky Way Galaxy model, showcasing its intricate details with dynamic lighting effects controlled by a remote.

2. PRODUCT OVERVIEW

The BrickSoul LED RC Light Kit includes all necessary components to bring your LEGO 31212 model to life. It features an upgraded remote control for convenient operation and is crafted from durable materials for a seamless fit and lasting performance.

Package Contents:

- Assorted LED light strings and modules
- Control board with USB connector
- Remote control unit
- Precision tweezers for installation
- Installation guide (digital PDF/video instructions via QR code)

Key Features:

- **Remote Control:** Power on/off, switch between multiple flash modes, and adjust brightness.

- **Seamless Integration:** Designed for a neat and professional look with minimal visible wiring.
- **Durable Materials:** Made from high-quality ABS plastic and copper wire for safe and reliable performance.
- **Easy Installation:** Numbered step-by-step bags and clear guides simplify the setup process.

PRODUCT DETAILS

Only lighting fixtures, and no
Lego models



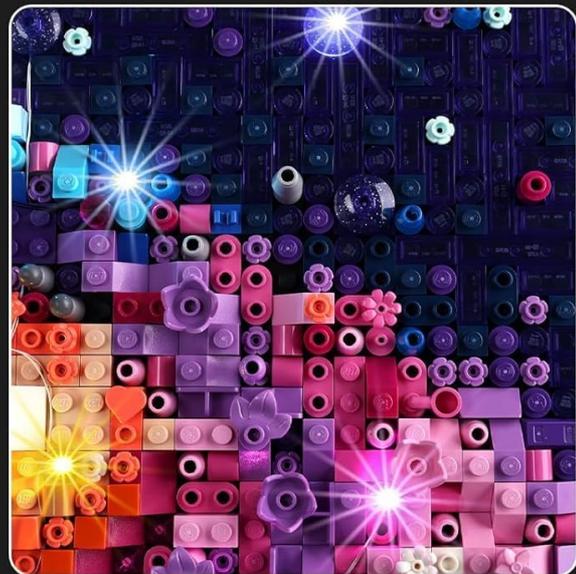
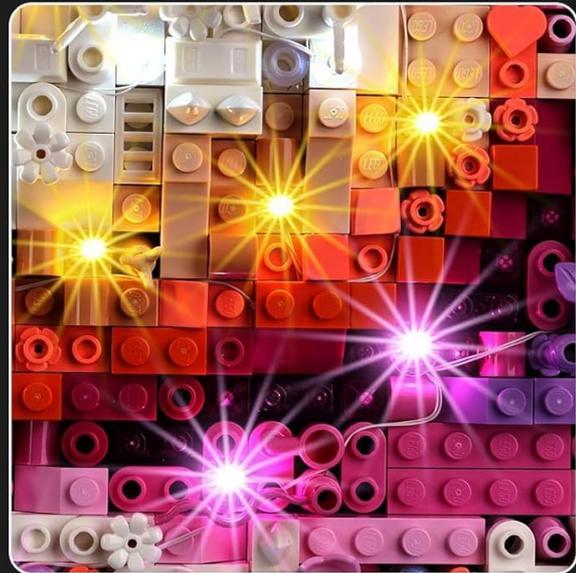
Brand



Simple
installation



Led light



Detailed view of the LED light components integrated within the LEGO bricks, showing the precision of the design.

3. SETUP INSTRUCTIONS

Follow these steps to install your BrickSoul LED RC Light Kit. It is recommended to have your LEGO 31212 Milky Way Galaxy model fully assembled before beginning the light kit installation.

Preparation:

1. Ensure your LEGO 31212 model is complete and stable.
2. Unpack all lighting components. The components are organized in numbered bags for easier identification during installation.
3. Access the detailed video or PDF installation guide using the QR code provided in your package. This

guide will provide specific placement instructions for each light module.

Installation Steps:

1. Carefully remove the necessary LEGO bricks as indicated in the installation guide to place the LED light modules.
2. Insert the LED light modules into the designated positions. Use the provided tweezers for precise placement of small components and wires.
3. Route the thin connecting wires between the LEGO bricks, ensuring they are not pinched or visible. The design allows for clean wiring that integrates seamlessly with the model.
4. Connect the individual light strings to the main control board. Follow the numbered sequence or color coding if present.
5. Once all lights are installed and connected, reassemble any removed LEGO bricks.

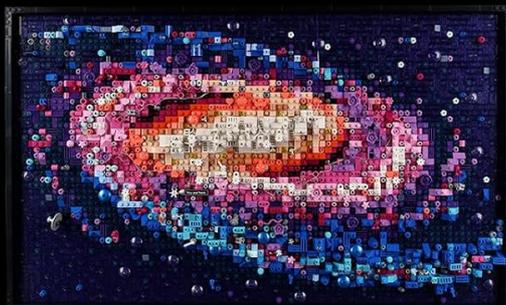
Power Connection:

The light kit can be powered via a USB connection or AAA batteries (not included).

- **USB Power:** Connect the USB cable from the control board to a 3-5V USB power source (e.g., power bank, USB wall adapter, computer USB port).
- **Battery Power:** Insert the required AAA batteries (not included) into the battery box (if supplied with your kit) and connect it to the control board.

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

The LED lights are designed for perfect integration, enhancing the visual appeal of your LEGO model.

4. OPERATING INSTRUCTIONS

Your BrickSoul LED RC Light Kit is controlled using the included remote. This allows for easy adjustment of lighting effects and brightness.

Remote Control Functions:

- **ON/OFF:** Press the 'ON' button to activate the lights and 'OFF' to turn them off.
- **Brightness Adjustment:** Use the brightness buttons (sun icon with +/-) to increase or decrease the light intensity.
- **Effect Modes:** Cycle through various lighting effects using the 'EFFECT' buttons (<<< >>>). Specific modes may include:
 - **BLK (Blink):** Lights flash intermittently.
 - **FLK (Flicker):** Lights simulate a flickering effect.
 - **PUS (Pulse):** Lights gently fade in and out.
 - **RS (Random Strobe):** Lights flash randomly.

- **SHUNT:** Specific light patterns or sequences.
- **Numbered Buttons (1-5):** These buttons may correspond to preset lighting modes or control specific sections of the lighting. Refer to the digital guide for detailed functionality.



The remote control allows for easy adjustment of lighting effects and brightness, as shown with the LEDs off and on.

Official Product Video:

Your browser does not support the video tag.

This video demonstrates the various lighting effects and remote control functionality of the BrickSoul LED Light Kit for the LEGO 31212 set.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your BrickSoul LED RC Light Kit.

General Care:

- **Cleaning:** Gently dust the lights and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the electrical components.
- **Handling:** Handle the light kit and connected LEGO model with care. Avoid pulling or bending the wires excessively, as this can cause damage.
- **Storage:** If storing the model for an extended period, disconnect the power source (unplug USB or remove batteries from the battery box).
- **Environment:** Keep the model and light kit in a dry environment, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter any issues with your BrickSoul LED RC Light Kit, refer to the following troubleshooting tips:

Common Issues and Solutions:

- **Lights Not Turning On:**
 - Ensure the power source (USB or batteries) is correctly connected and functional.
 - If using batteries, check if they are inserted correctly and have sufficient charge.
 - Verify all connections between the light strings and the control board are secure.
- **Remote Control Not Responding:**
 - Ensure there is a clear line of sight between the remote and the control board's receiver.
 - Check the battery in the remote control and replace if necessary.
- **Some Lights Not Working:**
 - Inspect the wiring for any visible damage or loose connections.
 - Gently re-seat the affected light modules to ensure proper contact.
- **Lights Malfunctioning After a Short Period:**
 - This could indicate a faulty component. Refer to the Warranty and Support section for replacement options.

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

7. SPECIFICATIONS

Feature	Detail
Brand	BrickSoul
Model Number	31212-rc
Compatible With	LEGO 31212 Milky Way Galaxy
Material	ABS Plastic, Copper Wire
Power Source	USB or AAA Batteries (not included)
Voltage	3-5 Volts (DC)

Bulb Features	Dimmable, Remote Controlled
Item Weight	6.4 ounces
Package Dimensions	5.98 x 5.24 x 1.38 inches
Manufacturer Recommended Age	14 years and up

8. WARRANTY AND SUPPORT

BrickSoul is committed to providing high-quality products and excellent customer service.

Warranty Information:

Your BrickSoul LED RC Light Kit comes with a worry-free warranty. We offer quick, hassle-free replacements for accidental damage to ensure your building experience remains smooth and enjoyable. If you encounter a bent connector, broken wire, or any other issue, please reach out to us.

Customer Support:

For any questions, concerns, or support needs regarding your light kit, please contact the BrickSoul support team. We are here to assist you with installation, troubleshooting, and any other product-related inquiries.

Visit the official BrickSoul store for more information and products: [BrickSoul Store on Amazon](#)