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› [BrickSoul LED Light Kit with Sound for Ghostbusters ECTO-1 \(LEGO 10274\) - Instruction Manual](#)

## BrickSoul 10274

# BrickSoul LED Light Kit with Sound for Ghostbusters ECTO-1 (LEGO 10274) - Instruction Manual

Model: 10274 | Brand: BrickSoul

## 1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BrickSoul LED Light Kit with Sound, specifically designed for the Ghostbusters ECTO-1 (LEGO 10274) building set. This kit enhances your model with realistic lighting and sound effects. Please read all instructions carefully before beginning installation.

**Important Note: This product includes only the LED light kit and accessories. The Ghostbusters ECTO-1 (LEGO 10274) building set is NOT included.**



Figure 1: The BrickSoul LED Light Kit is sold separately from the building blocks model.

## 2. PRODUCT FEATURES

- Custom-designed LED lights for the Ghostbusters ECTO-1 (LEGO 10274) model.
- Integrated sound module for realistic audio effects.
- High-quality, durable components for long-lasting performance.
- Multiple power supply options for convenience.

- Enhances the visual appeal and realism of your model.



Figure 2: Close-up views of the illuminated Ghostbusters ECTO-1 model, showcasing the detailed lighting effects on the headlights, taillights, and emergency 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

Figure 3: Visual comparison of the model before and after light kit installation.

## 3. COMPONENTS OVERVIEW

The BrickSoul LED Light Kit includes the following main components:

- **LED Light Strips/Individual LEDs:** Various sizes and colors for different parts of the model.
- **Connecting Cables:** Thin, flexible wires for routing power to the LEDs.
- **Expansion Boards:** For connecting multiple light components.
- **Battery Box:** Powers the light kit (batteries typically not included).
- **USB Power Cable:** Alternative power option.
- **Sound Module (Standard Version):** For integrated sound effects.
- **Remote Control (RC Sound Version):** For controlling lights and sound (if applicable to your specific kit version).

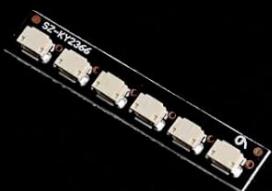


## Cable Interface

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



Figure 4: Overview of the light kit components, including power options and lighting elements.

**WE ONLY SELL LED LIGHTING,  
NOT BUILDING BLOCKS**



Figure 5: The light kit supports various power supply methods, including USB power banks, wall adapters, and computers.

## 4. INSTALLATION GUIDE

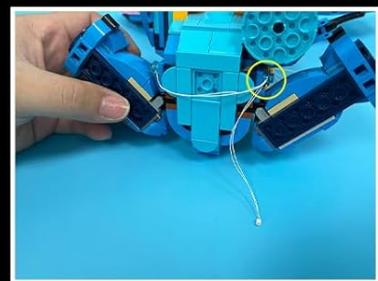
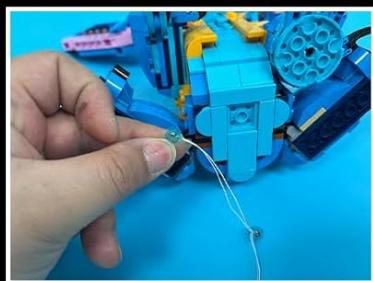
Detailed step-by-step installation instructions are provided through an e-manual, accessible online. This e-manual features high-resolution pictures that can be zoomed in for clear detail.

To access the e-manual, please visit: <https://support.bricksoultoy.com/> and search for your model (10274).



Search for model on the website  
<https://support.bricksoultoy.com/>

Step-by-step to guide installation e-manual in the form of pictures, you can zoom in to see the details.



Pictures can be zoomed in and out for a clearer view.



Figure 6: Accessing the online e-manual for detailed installation steps.

The installation process involves carefully integrating the LED components into your existing Ghostbusters ECTO-1 model. Ensure all connections are secure and wires are neatly tucked away to maintain the model's aesthetic and functionality.

## 5. OPERATING INSTRUCTIONS

Once installed, power your light kit using the provided battery box (ensure batteries are inserted) or a USB power source. If your kit includes a remote control, use it to activate and manage the lighting and sound effects.

### 5.1. Light and Sound Demonstration (BrickSoul)

Your browser does not support the video tag.

Video 1: This video demonstrates the various light and sound functions of the BrickSoul LED kit for the Ghostbusters ECTO-1 model, including engine sounds, siren, and flashing lights, controlled via a remote.

## 5.2. Light Effects Demonstration (LIGHTAILING)

Your browser does not support the video tag.

Video 2: This video showcases the lighting effects of a compatible light kit for the Ghostbusters ECTO-1, highlighting the illuminated headlights, interior, and roof-mounted equipment.

## 6. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to gently clean the LED components and wires. Avoid using liquids or abrasive cleaners.
- Battery Replacement:** If using the battery box, replace batteries as needed to ensure optimal light and sound performance.
- Wire Management:** Periodically check that all wires are securely connected and not pinched or damaged.
- Storage:** When not in use for extended periods, disconnect the power source and store the model in a cool, dry place away from direct sunlight.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on.	No power, loose connection, dead batteries.	Check power source (USB or batteries). Ensure all connectors are firmly seated. Replace batteries if necessary.
Some lights not working.	Damaged LED, loose connection to specific LED.	Inspect the affected LED and its connection. Re-seat or replace if damaged.
Sound not working.	Sound module not connected, volume too low, power issue.	Verify sound module connection. Adjust volume. Check power supply.
Remote control not responding.	Dead remote battery, obstruction, out of range.	Replace remote battery. Ensure clear line of sight to the receiver. Operate within recommended range.

## 8. SPECIFICATIONS

- Product Type:** LED Light Kit with Sound
- Compatibility:** Ghostbusters ECTO-1 (LEGO 10274) Building Set
- Power Source:** USB (5V) or Battery Box (requires specific battery type, refer to packaging)
- Lighting Type:** Various LED types (e.g., strip lights, individual LEDs)
- Sound Features:** Integrated sound module with pre-programmed effects (Standard Version)
- Control:** Remote Control (for RC Sound Version, if applicable)

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your BrickSoul LED Light Kit, please visit our official support website or contact our customer service team.

- **Support Website:** <https://support.bricksoultoy.com/>

- **Manufacturer:** BrickSoul

We are committed to providing high-quality products and excellent customer service. If you encounter any issues, please do not hesitate to reach out.

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