

LIGHTAILING LGK377

LIGHTAILING LED Light Kit for LEGO Harry Potter Diagon Alley (75978)

Instruction Manual

1. PRODUCT OVERVIEW

The LIGHTAILING LED Light Kit is designed to enhance your LEGO Harry Potter Diagon Alley (Set 75978) model, bringing it to life with custom lighting. This kit includes all necessary components to illuminate various sections of your building blocks, creating a dynamic and immersive display. Please note that the LEGO model itself is not included with this light kit.



Figure 1: Front view of the LEGO Harry Potter Diagon Alley model with LIGHTAILING LED lights installed.



Figure 2: Interior view of the LEGO Harry Potter Diagon Alley model with LIGHTAILING LED lights installed.

2. SAFETY INFORMATION

- **Power Supply:** Ensure the USB charger and voltage used are less than 5V to prevent damage to the light kit components.
- **Battery Handling:** When using battery boxes, ensure correct battery polarity. Do not mix old and new batteries, or different types of batteries.
- **Small Parts:** This kit contains small parts and is not suitable for children under 3 years old due to choking hazards.
- **Installation Care:** Handle LED wires and components carefully. Avoid hard pulling, bending, or shaking to prevent damage.

3. PACKAGE CONTENTS

Your LIGHTAILING LED Light Kit package should contain the following items:

- LED Light Kit components (various lights and wires)
- 4 Battery Boxes

- 2 USB Connectors
- Installation Guide (paper instructions)



Figure 3: Contents of the LIGHTAILING LED Light Kit.

4. SETUP INSTRUCTIONS

Installation of the LIGHTAILING LED Light Kit is designed to be integrated with your LEGO Harry Potter Diagon Alley model. For detailed, step-by-step instructions, please refer to the included paper installation guide. The guide provides visual instructions to assist you through the process.

4.1 Powering the Light Kit

- **Batteries:** Prepare three AA batteries (not included) for each battery box. Insert them according to the polarity markings inside the battery box.
- **USB Connection:** Alternatively, you can power the light kit using the provided USB connectors. Connect the USB cable to a power source (e.g., a USB wall adapter, power bank, or computer USB port) ensuring the voltage is less than 5V.

4.2 General Installation Tips

- Install the LED lights carefully. Avoid excessive force on wires or components.
- Route wires neatly between LEGO bricks to conceal them and prevent damage.
- Test sections of the lighting as you install them to ensure proper function.

4.3 Installation Video Guide

For a visual walkthrough of the installation process, please refer to the official video guide below:

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Video 1: Official installation guide for the LIGHTAILING LED Light Set for Harry Potter Diagon Alley.

5. OPERATING INSTRUCTIONS

Once the LIGHTAILING LED Light Kit is fully installed and connected to a power source (either batteries or USB), the lights will illuminate automatically. There are no additional switches or controls on the light kit itself; operation is dependent on the power supply.

- **To Turn On:** Ensure batteries are correctly inserted into the battery boxes, or the USB connector is plugged into a powered USB port.
- **To Turn Off:** Remove batteries from the battery boxes or disconnect the USB connector from the power source.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the LED components and wires. Avoid using liquids or abrasive cleaners.
- **Battery Replacement:** Replace all batteries in a battery box simultaneously when lights dim or cease to function.
- **Storage:** If storing the LEGO model with the light kit installed, ensure the power source is disconnected to prevent battery drain or accidental activation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, incorrect battery installation, loose connection, damaged wire.	Check batteries (ensure they are new and correctly inserted). Verify USB connection. Inspect all wire connections for tightness. Ensure no wires are pinched or cut.
Some lights are dim or flickering.	Low battery power, loose connection.	Replace batteries. Check connections to ensure they are secure.
Lights are too bright/dim.	Power source issue (if using USB, ensure it's 5V).	Ensure your USB power source provides a stable 5V output. The kit does not feature adjustable brightness.

If you encounter issues not covered here or require further assistance, please contact LIGHTAILING customer support.

8. SPECIFICATIONS



Feature	Detail
Model Number	LGK377
Compatible LEGO Set	Harry Potter Diagon Alley (75978)
Light Source Type	Light Emitting Diode (LED)
Color	Warm White (primary), various accent colors
Power Source	Battery Powered (3 AA batteries per box, not included) or USB Powered
Voltage	5 Volts (max)
Item Dimensions (Package)	6.5 x 4.72 x 1.57 inches (16.5 x 12 x 4 cm)
Item Weight	5.6 ounces (160 grams)
Material	Handmade components





9. WARRANTY AND SUPPORT

LIGHTAILING is committed to providing quality products and customer satisfaction. If you encounter any issues with your LED Light Kit or have questions regarding installation or operation, please do not hesitate to contact our customer support team. While specific warranty details are not provided in this manual, we encourage you to reach out for assistance with any problems you may experience.

Contact Information: Please refer to the product packaging or the official LIGHTAILING website for the most current customer support contact details.

Related Documents - LGK377

	<p>Lightailing LGK377 Diagon Alley Lighting Kit Installation Guide</p> <p>Detailed instructions for installing the Lightailing LGK377 LED lighting kit for the LEGO Diagon Alley 75978 set. Enhance your model with custom illumination.</p>
	<p>Lightailing LED Lighting Kit Instructions for LEGO Diagon Alley 75978</p> <p>Step-by-step instructions for installing the Lightailing LED lighting kit for the LEGO Diagon Alley 75978 set. Enhance your LEGO display with illuminated details.</p>

	<p><u>LIGHTAILING LED Lighting Kit for LEGO Hogsmeade Village Visit 76388 - Installation Guide</u></p> <p>Detailed installation instructions for the LIGHTAILING LED lighting kit (LGK454) designed for the LEGO Harry Potter Hogsmeade Village Visit set (76388). Enhance your building block display with custom illumination.</p>
	<p><u>Lightailing LED Lighting Kit for LEGO Talking Sorting Hat 76429 - Installation Guide</u></p> <p>Detailed instructions for installing the Lightailing LED lighting kit into the LEGO Talking Sorting Hat 76429 set. Enhance your LEGO display with this easy-to-follow guide, featuring step-by-step visuals and explanations.</p>
	<p><u>LIGHTAILING LED Lighting Kit for LEGO Hogwarts Castle 71043 Instructions</u></p> <p>Step-by-step instructions for installing the LIGHTAILING LED lighting kit for the LEGO Harry Potter Hogwarts Castle (Set 71043). Enhance your model with detailed illumination.</p>
	<p><u>Lightailing LED Lighting Kit Installation Guide for Harry Potter Hogwarts Clock Tower 75948</u></p> <p>Detailed, step-by-step instructions for installing the Lightailing LED lighting kit on the LEGO Harry Potter Hogwarts Clock Tower (Set 75948). Enhance your model with illumination.</p>