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## VONADO 76419

# VONADO Music Version LED Light Kit

COMPATIBLE WITH LEGO HOGWARTS CASTLE AND GROUNDS 76419

## Introduction

This instruction manual provides detailed guidance for installing and operating your VONADO Music Version LED Light Kit, designed to enhance the LEGO Hogwarts Castle and Grounds 76419 model. This kit adds dynamic lighting and musical effects to your existing LEGO set, bringing it to life with vibrant illumination.

**Important Note: This product includes the LED light kit ONLY. The LEGO Hogwarts Castle and Grounds 76419 model is NOT included and must be purchased separately.**



This image displays the VONADO Music Version Light Kit integrated into the LEGO Hogwarts Castle and Grounds 76419 model, showcasing various colored lights and musical note graphics, indicating the product's musical feature.

## Safety Information

- This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- Always handle LED components and wires with care to prevent damage.
- Ensure the power source is disconnected before performing any maintenance or adjustments.
- Do not expose the light kit to water or excessive moisture.
- The LEGO model is not included. This kit is an accessory for the LEGO Hogwarts Castle and Grounds 76419 set.

**No Lego Model !**

**Only LED light Blocks need to be  
purchased separately**

**NO LEGO's with light kit**

A clear warning image stating 'No Lego Model!' to inform customers that the LEGO building set must be purchased separately.

# Creative DIY LED Light Kit for Your MODEL

## Only Decor Light kit, Model Need to Purchased Separately



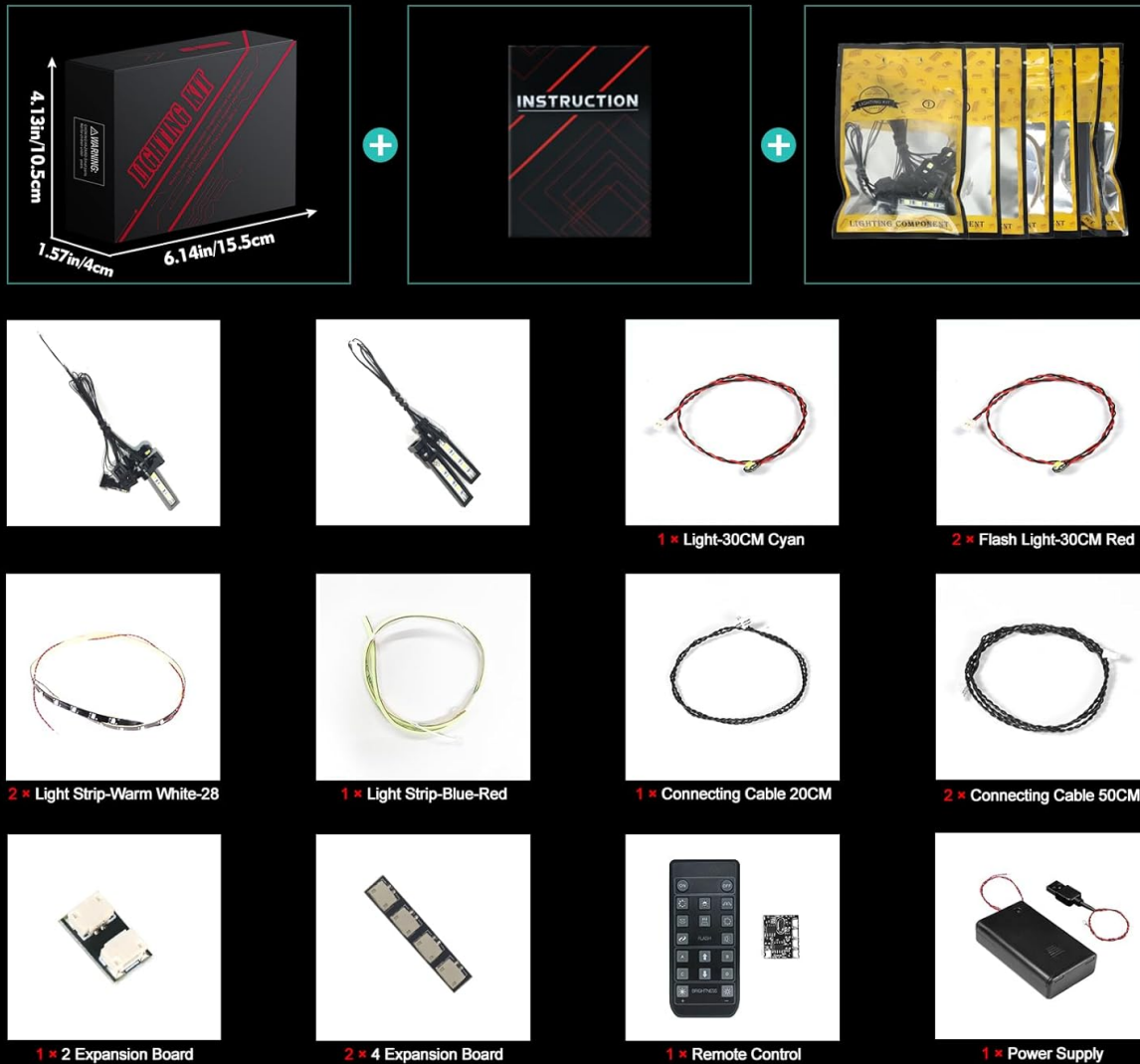
This image shows the VONADO lighting kit box alongside a lit LEGO Hogwarts Castle model, reiterating that the light kit is an accessory and the LEGO model is not included.

### Package Contents

Please verify that all components listed below are present in your package before beginning installation. Refer to the included physical instruction manual for specific component identification.



# Package List (NO LEGOS)



An illustrative image detailing the complete package contents of the VONADO Light Kit, including different types of LED lights, connecting cables, expansion boards, a remote control, and a power supply, explicitly stating that LEGOs are not included.

- LED Light Strips (Warm White, Blue-Red)
- Individual LED Lights (Cyan, Red Flash)
- Connecting Cables (various lengths)
- Expansion Boards (2-port, 4-port)
- Remote Control
- Power Supply Unit
- User Manual (this document and a physical copy)

## Setup and Installation

The VONADO Light Kit is designed for integration with your pre-assembled LEGO Hogwarts Castle and Grounds 76419 model. Detailed, step-by-step installation instructions are provided in the physical instruction manual included in your package. Please follow those instructions carefully for optimal results.

1. **Preparation:** Ensure your LEGO Hogwarts Castle and Grounds 76419 model is fully assembled and stable. Clear a well-lit workspace.

2. **Component Identification:** Refer to the 'Package Contents' section and your physical manual to identify each light component, cable, and expansion board.
3. **Light Placement:** The physical manual will guide you on where to place each LED light and light strip within your LEGO model. This often involves carefully lifting or separating small sections of the LEGO model to embed the lights and route the wires discreetly.
4. **Cable Connection:** Connect the LED lights and light strips to the expansion boards using the provided connecting cables. Ensure connections are secure but do not force them.
5. **Expansion Board Connection:** Connect the expansion boards to each other and finally to the main power supply unit.
6. **Power Connection:** Connect the power supply unit to a suitable power source. Batteries are not included for the power supply; ensure you have the correct type and quantity as specified in your physical manual.
7. **Testing:** Before fully reassembling any lifted LEGO sections, briefly connect power to test all lights. If any lights are not functioning, check connections.
8. **Final Assembly:** Once all lights are confirmed working, carefully reassemble any LEGO sections that were temporarily removed or adjusted. Route wires to be as hidden as possible.

## Visual Upgrade Details About Lights



Four detailed close-up panels illustrating how the VONADO light kit enhances different sections of the LEGO Hogwarts Castle and Grounds 76419, showing various lighting effects on architectural elements and the 'Black Lake'.



## More Details About The LED Light Kit-Visual Upgrade Light Up Your LEGO Bricks



Another set of four close-up images providing additional visual details of the VONADO light kit's integration, highlighting different lighting effects and placements within the LEGO Hogwarts Castle and Grounds 76419.

### Operating Instructions

Your VONADO Music Version LED Light Kit is controlled via the included remote control. Ensure the power supply is connected before operation.

- **Power On/Off:** Use the designated power button on the remote control to turn the lights on or off.
- **Light Modes:** The remote control offers various buttons to cycle through different lighting effects, including static colors, dynamic sequences, and flashing patterns.
- **Music Mode:** As a Music Version kit, your lights are designed to react to sound. Activate the music mode via the remote control. The lights will then synchronize with ambient music or sounds, creating a dynamic visual experience.
- **Brightness Adjustment:** Adjust the brightness levels using the dedicated buttons on the remote control.
- **Speed Adjustment:** For dynamic light modes, you can often adjust the speed of the effects using the remote control.

### Maintenance

- **Cleaning:** Gently dust the LED components and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the lights or electrical components.
- **Wire Management:** Periodically check that all wires are securely routed and not pinched or strained.
- **Battery Replacement (Remote Control):** If the remote control stops responding, replace its battery (typically a coin cell battery). Refer to the remote's compartment for the correct battery type.
- **Storage:** If storing the LEGO model with the light kit, ensure it is kept in a dry, dust-free environment away from direct sunlight and extreme temperatures.

## Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty component.	Ensure power supply is connected and functional. Check all cable connections to expansion boards and lights. Verify remote control battery.
Some lights are not working.	Loose connection to specific light, damaged wire/LED.	Carefully inspect the connections for the non-working lights. If a wire or LED appears damaged, contact support.
Remote control is unresponsive.	Dead battery, obstruction, remote out of range.	Replace the remote control battery. Ensure no obstructions between the remote and the receiver. Move closer to the model.
Lights flicker or behave erratically.	Unstable power, loose connection, interference.	Check power supply stability. Re-secure all connections. Ensure the kit is not near strong electromagnetic interference.
Music mode not working.	No ambient sound, mode not activated.	Ensure there is music or sound playing nearby. Activate music mode using the remote control.

## Specifications

- **Brand:** VONADO
- **Model Compatibility:** LEGO Hogwarts Castle and Grounds 76419
- **Light Source Type:** LED
- **Power Source:** Battery Powered (Batteries for power supply unit not included)
- **Material:** Acrylonitrile Butadiene Styrene (ABS), Plastic, Copper
- **Product Dimensions (Packaging):** Approximately 6.06 x 3.98 x 1.26 inches
- **Item Weight (Packaging):** Approximately 5.3 ounces
- **Recommended Age:** 16 years and up (due to intricate installation)
- **Features:** Dynamic lighting effects, architectural uplighting, warm white lights, Mystical Black Lake effect, Music Version for sound-reactive lighting.

## Warranty and Support



For warranty information, product support, or to report any issues not covered in this manual, please contact VONADO customer service. Refer to the contact details provided on the product packaging or the official VONADO website for the most current support information.

When contacting support, please have your product model (VONADO Light Kit for LEGO 76419) and purchase details readily available.

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