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### Kyglaring 10300-sv-rc-sound

# Kyglaring LED Light Kit for LEGO Back to The Future Time Machine 10300 with Sound and Remote Control User Manual

MODEL: 10300-SV-RC-SOUND

## 1. Introduction

This manual provides comprehensive instructions for the Kyglaring LED Light Kit designed for the LEGO Back to The Future Time Machine 10300 building set. This kit enhances your model with integrated lighting, sound effects, and remote control capabilities, transforming it into a dynamic display piece. Please read all instructions carefully before installation and operation.

## 2. Product Overview

The Kyglaring LED Light Kit integrates high-quality LED lights and a sound effect module into your LEGO Back to The Future Time Machine 10300 model. It features wireless remote control for light and sound functions, offering an interactive experience. The lights are designed to be soft and non-glaring, complementing the model's details.



Figure 2.1: Illuminated LEGO Back to The Future Time Machine 10300 model with Kyglaring LED Light Kit and remote control.



Figure 2.2: Key features of the Kyglaring LED Light Kit, including remote control, music function, and LED illumination.



Figure 2.3: Detailed views of the illuminated LEGO Back to The Future Time Machine 10300 model from side, back, and front perspectives.

**Lights at the wheels do not  
interfere with the roll of the  
wheels**



**Please note that light kit only the lights are included, not the blocks!**



Figure 2.4: The integrated wheel lights are designed not to impede the rotation of the wheels.

### **3. Package Contents**

The Kyglaring LED Light Kit includes all necessary lighting components, wiring, and control modules for your LEGO Back to The Future Time Machine 10300 model. Please note that the LEGO building set itself is not included.



Figure 3.1: Components included in the Kyglaring LED Light Kit package.

## 4. Setup and Installation

Installation of the Kyglaring LED Light Kit requires careful attention to detail. The LEGO Back to The Future Time Machine 10300 model is sold separately and is required for this light kit.

### 4.1. Online Instructions

Detailed video and PDF installation instructions are available online. These step-by-step guides are designed to assist users, even novices, through the assembly process. Please visit the official Kyglaring instructions website for comprehensive guidance: <http://instructions.kyglaring.com>



Figure 4.1: Kyglaring online instruction search interface.

## 4.2. General Installation Advice

- **Test Components:** Before beginning assembly, test each light component to ensure it is functioning correctly.
- **Handle Wires Carefully:** The parts are small, and wires should not be pulled too hard to prevent damage.
- **Power Supply:** The kit requires a 5V power supply. This can be provided via a USB cable or a battery box (batteries not included). Ensure the maximum power does not exceed 6F.

## 5. Operating Instructions

The Kyglaring LED Light Kit features both remote control and integrated sound effects to bring your LEGO model to life.

### 5.1. Remote Control Functions

The included remote control allows for wireless operation of the lighting and sound features. Specific functions may include:

- Turning lights on/off.
- Adjusting light brightness.
- Changing light patterns or colors (if applicable).
- Controlling sound effects (e.g., playing movie sounds, adjusting volume).

### 5.2. Sound Effect Module

The integrated sound effect module plays original movie sounds, enhancing the authenticity of your display. Use the remote control to activate and manage these sound features.

Video 5.1: Demonstration of the Kyglaring LED Lighting Kit, Standard RC Sound Version, showcasing various light and sound functions controlled by the remote.

## 6. Maintenance

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

- **Cleaning:** Gently dust the LED components and wiring with a soft, dry cloth. Avoid using liquids or abrasive cleaners.
- **Battery Replacement:** If using the battery box, replace the CR2032 batteries as needed. Ensure correct polarity.
- **Wire Integrity:** Periodically inspect wires for any signs of wear or damage. Ensure all connections are secure.

## 7. Troubleshooting

If you encounter any issues with your Kyglaring LED Light Kit, please refer to the following common problems and solutions:

- **Lights Not Functioning:**
  1. Ensure the power supply (USB or battery box) is correctly connected and providing power.
  2. Check all wire connections for looseness or damage.
  3. Verify that batteries in the battery box (if used) are fresh and correctly inserted.
  4. Re-test individual light parts as per installation instructions.
- **Remote Control Not Responding:**
  1. Ensure the remote control's battery is functional.
  2. Confirm there are no obstructions between the remote and the receiver.
  3. Attempt to re-pair the remote control with the main board if pairing instructions are provided in the online manual.
- **Sound Issues:**
  1. Check connections to the sound module.
  2. Ensure the remote control's volume is not muted or set too low.
- **Missing Parts or Damaged Components:**

If any parts are missing or damaged upon arrival, please contact Kyglaring customer support for assistance.

## 8. Specifications

Attribute	Detail
Brand	Kyglaring
Model Number	10300-sv-rc-sound
Compatible LEGO Set	Back to The Future Time Machine 10300
Light Source Type	Light Emitting Diode (LED)

Power Source	Battery Powered (1 CR2032 required, not included) / USB Cable
Voltage	5 Volts
Bulb Features	Remote Controlled
Material	Plastic
Item Weight	7.4 ounces
Manufacturer Recommended Age	14 years and up

## 9. Warranty and Support

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Kyglaring is committed to providing a positive experience with your product. If you encounter any technical difficulties or require assistance with your LED Light Kit, Kyglaring offers dedicated aftermarket service and support.

For product support, please refer to the contact information provided with your purchase or visit the official Kyglaring website.