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› BrickSoul LED Light Kit for LEGO Back to The Future Time Machine 10300 Instruction Manual

## BrickSoul 10300-TV

# BrickSoul LED Light Kit for LEGO Back to The Future Time Machine 10300 Instruction Manual

Model: 10300-TV

## INTRODUCTION

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This instruction manual provides detailed guidance for installing and operating your BrickSoul LED Light Kit, specifically designed for the LEGO Back to The Future Time Machine 10300 building set. This kit enhances your model with vibrant, dimmable lighting, transforming it into a dynamic display piece. Please note that the LEGO building set is not included with this lighting kit.

## WHAT'S IN THE BOX

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Carefully unpack your BrickSoul LED Light Kit. The package should contain the following components:

- LED Light Kit components
- Light Control Button (integrated into USB cable)
- Battery Box (AAA batteries not included)
- Tweezers (for precise placement)
- Digital Instruction Guide (via QR code/link)



Figure 1: Package contents of the BrickSoul LED Light Kit. The image displays the light control button, various light kits, a battery box (AAA batteries not included), tweezers, and a guide for accessing digital instructions.

## SETUP AND INSTALLATION

The BrickSoul LED Light Kit is designed for straightforward installation. For detailed, step-by-step instructions, please refer to the digital guide provided. This guide includes numbered steps and visual aids (video/PDF) to assist you.

1. **Access Digital Instructions:** Locate the QR code or link provided in your package to access the comprehensive digital installation guide.
2. **Prepare Your Model:** Depending on your LEGO model's current state, you may need to carefully disassemble certain sections to integrate the lighting components. The instructions will specify which parts need to be removed.
3. **Install Light Components:** Follow the digital guide to place each LED light and wire according to the designated positions. Use the included tweezers for precise handling of small parts and wires.
4. **Connect Wiring:** Ensure all wires are neatly routed and securely connected to the main circuit board or designated connection points. The kit is designed for clean wiring to avoid clutter.

5. **Power Connection:** Insert AAA batteries (not included) into the battery box, or connect the USB cable to a compatible 3-5V USB power source.
6. **Test Functionality:** Before fully reassembling your model, test the lights to ensure all components are working correctly.

*Important:* The kit is made from durable ABS plastic and copper wire, designed not to damage or loosen your LEGO model when installed correctly. If you encounter any difficulties, refer to the troubleshooting section or contact support.



Figure 2: The LEGO Back to The Future Time Machine 10300 model illuminated by the BrickSoul LED Light Kit, showcasing the enhanced visual effect.

## OPERATING INSTRUCTIONS

Your BrickSoul LED Light Kit features a convenient one-touch brightness control integrated into the USB cable.

- **Turning On/Off:** Tap the button on the USB cable to toggle the lights on or off.
- **Adjusting Brightness:** Press and hold the button to adjust the brightness level. The lights will cycle through various brightness settings, allowing you to release the button when the desired level is reached.

# Hold To Adjust Brightness By **Usb Button**

## Light Kit Only – Model Not Included



Light Off

Light On



0%

50%

100%



Turn On / Off



Adjust Brightness

New Upgrade



Figure 3: Illustration of the USB button's functionality for turning the lights on/off and adjusting brightness levels.

## **Upgraded** USB Button Wired Control

Tap to Turn On/Off Lights

Hold to Adjust Brightness by USB Button



Light Off

Light On



0%



25%



70%



100%

New Upgrade



Figure 4: Visual representation of the dimmable lighting feature, showing the model at various brightness intensities.

## MAINTENANCE

To ensure the longevity and optimal performance of your BrickSoul LED Light Kit, follow these maintenance guidelines:

- **Cleaning:** Gently dust the LED components and wires with a soft, dry cloth. Avoid using liquid cleaners directly on the lights or electrical connections.
- **Wire Management:** Periodically check that all wires remain neatly tucked away and are not pinched or strained. Proper wire management prevents damage and ensures a clean aesthetic.
- **Power Source:** If using batteries, replace them when the lights dim significantly or stop working. If using a USB power source, ensure it provides a stable 3-5V output.
- **Storage:** If disassembling the kit for storage, carefully disconnect components and store them in a dry, cool place to prevent damage.

## TROUBLESHOOTING

If you encounter issues with your BrickSoul LED Light Kit, refer to the following common solutions:

| Problem                       | Possible Cause                                                               | Solution                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lights do not turn on.        | No power supply.<br>Loose connection.<br>Faulty component.                   | Ensure USB is connected to a 3-5V power source or fresh AAA batteries are installed.<br>Check all wire connections for secure fit.<br>Contact BrickSoul support for replacement if a component is faulty. |
| Lights are dim or flickering. | Low battery power.<br>Insufficient USB power.<br>Brightness setting too low. | Replace AAA batteries.<br>Use a different USB power adapter or port.<br>Press and hold the control button to increase brightness.                                                                         |
| Some lights are not working.  | Loose connection to specific light.<br>Damaged wire or LED.                  | Inspect the connections for the non-working lights.<br>If a wire or LED is visibly damaged, contact BrickSoul support for a replacement.                                                                  |

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

## SPECIFICATIONS

| Feature                      | Detail                    |
|------------------------------|---------------------------|
| Product Dimensions           | 6.36 x 4.32 x 1.33 inches |
| Item Weight                  | 4.8 ounces                |
| Model Number                 | 10300-TV                  |
| Manufacturer Recommended Age | 14 years and up           |
| Power Input                  | USB 3-5V                  |

| Feature  | Detail                   |
|----------|--------------------------|
| Material | ABS Plastic, Copper Wire |

## WARRANTY AND SUPPORT

BrickSoul offers a worry-free warranty to ensure your satisfaction:

- **Hassle-Free Replacements:** In case of accidental damage, such as a bent connector or broken wire, BrickSoul provides quick and easy replacements.
- **Customer Support:** The BrickSoul support team is available to assist with any questions or issues you may encounter during installation or operation.

For warranty claims or support, please refer to the contact information provided in your digital instruction guide or visit the official BrickSoul website.

## PRODUCT VIDEOS

Your browser does not support the video tag.

This video demonstrates the BrickSoul LED Light Kit installed on the LEGO Back to The Future Time Machine 10300, showcasing the illuminated model from various angles and highlighting the classic version's lighting effects.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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