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› BRIKSMAX LED Lighting Kit for LEGO 10278 Police Station Model: Instruction Manual

BRIKSMAX 10278

BRIKSMAX LED Lighting Kit for LEGO 10278 Police Station Model: Instruction Manual

Enhance your LEGO 10278 Police Station with dynamic LED lighting.

1. INTRODUCTION

This instruction manual provides detailed guidance for installing and operating your BRIKSMAX LED Lighting Kit, specifically designed for the LEGO 10278 Police Station model. This kit transforms your LEGO creation by adding realistic and vibrant illumination, bringing the model to life. Please read all instructions carefully before beginning the installation process.



Image 1.1: The LEGO 10278 Police Station model illuminated by the BRIKSMAX LED Lighting Kit, showcasing the enhanced visual appeal. A remote control is visible, indicating operational features.

2. PACKAGE CONTENTS

Before starting, verify that all components listed below are present in your BRIKSMAX LED Lighting Kit package. If any items are missing or damaged, please contact customer support.

ABOUT WHAT INCLUDED

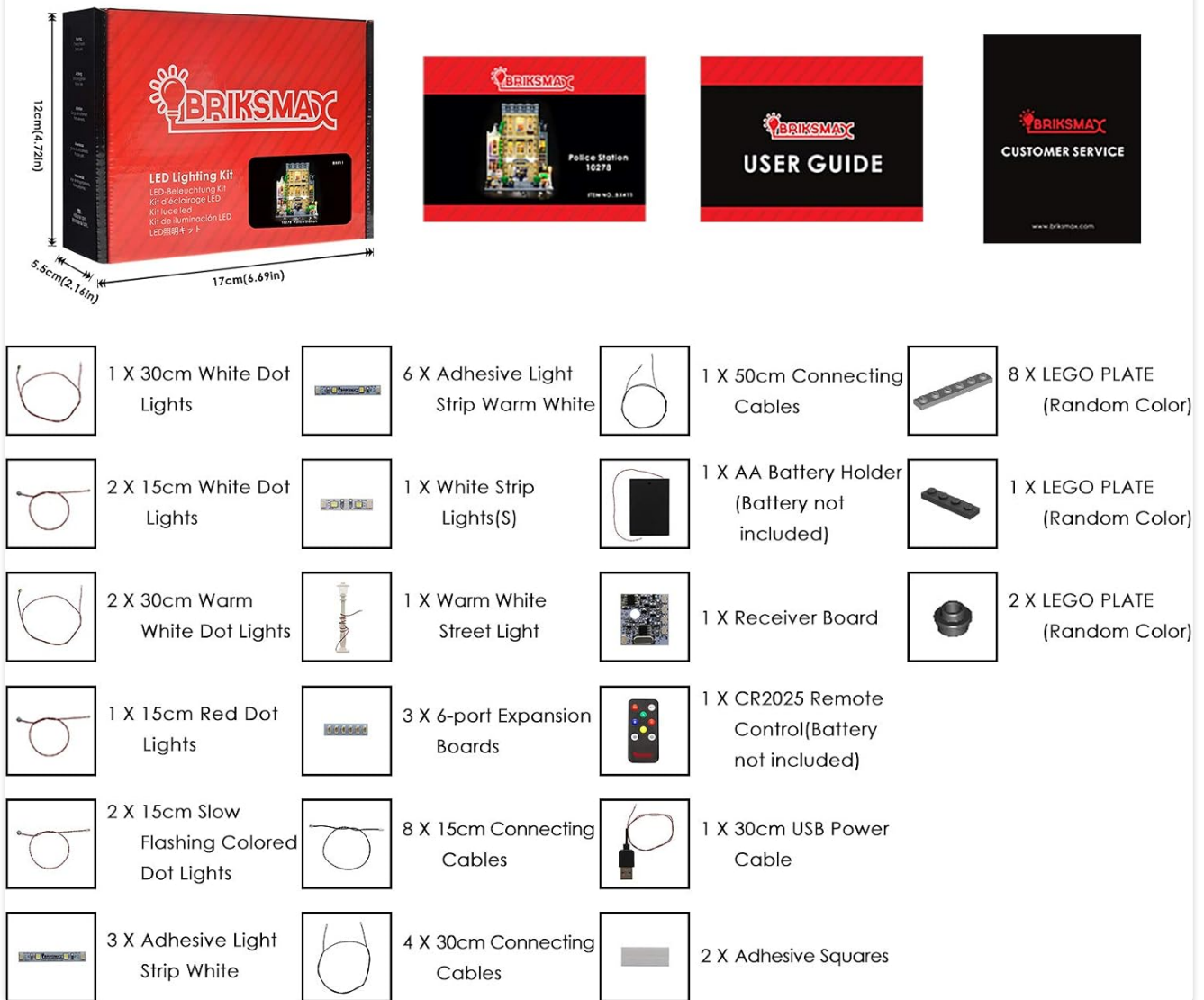


Image 2.1: Visual representation of the BRIKSMAX LED Lighting Kit components.

- Dot Lights (various sizes and colors)
- Adhesive Light Strips (warm white, white)
- Connecting Cables (various lengths)
- Expansion Boards (6-port)
- Battery Holder (AA batteries not included)
- CR2025 Remote Control (battery not included)
- USB Power Cable
- Warm White Street Light
- LEGO Plates (random colors)
- Adhesive Squares
- Instruction Manual

3. INSTALLATION GUIDE

Follow these steps carefully to install your LED lighting kit. Patience and attention to detail are key for a successful installation.

1. Preparation:

- Ensure your LEGO 10278 Police Station model is fully assembled.
- Clear a well-lit workspace.
- Gather any necessary tools, such as tweezers (often included or recommended for handling small components).

2. Partial Disassembly:

- Carefully identify the sections of your LEGO model that require light installation. It may be necessary to partially disassemble certain parts of the model to properly route and conceal wires. Refer to the included step-by-step instruction booklet for specific disassembly guidance.

3. LED Placement:

- Attach the dot lights and adhesive light strips to the designated areas within your LEGO model as indicated in the instruction manual. Ensure the adhesive is firm.
- For the street light, integrate it into the exterior landscaping as shown in the instructions.

4. Wire Routing and Connection:

- Carefully route the connecting cables between the LED components and the expansion boards. Ensure wires are not pinched or excessively bent, which can cause damage.
- Conceal wires as much as possible within the LEGO structure to maintain the aesthetic integrity of the model.
- Connect the cables to the expansion boards, ensuring correct polarity if applicable.

5. Power Connection:

- Connect the expansion boards to the main power source via the USB Power Cable or the AA Battery Holder.
- If using the battery holder, insert the required AA batteries (not included).

6. Testing:

- Before fully reassembling your LEGO model, connect the power and test all lights to ensure they are functioning correctly.
- If any lights are not working, check the connections and ensure wires are not damaged.

7. Reassembly:

- Once all lights are confirmed to be working, carefully reassemble any disassembled parts of your LEGO model.

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Video 3.1: An official BRIKSMAX video demonstrating the installed LED lighting kit on the LEGO 10278 Police Station, showcasing various lighting effects and the use of the remote control.

4. OPERATION

Once installed, operating your BRIKSMAX LED Lighting Kit is straightforward:

- **Power On/Off:** Connect the USB power cable to a compatible USB power source (e.g., power bank, USB wall adapter) or ensure the AA battery holder has fresh batteries and is switched on.
- **Remote Control:** Use the provided CR2025 remote control to adjust lighting effects, brightness, and turn the

lights on or off. Refer to the remote control's specific button functions in the included instruction booklet.



Image 4.1: Detailed view of the illuminated donut shop and police figures, demonstrating the kit's ability to highlight intricate LEGO details.

5. MAINTENANCE

To ensure the longevity and optimal performance of your lighting kit:

- **Cleaning:** Gently dust the LED components and wires with a soft, dry cloth. Avoid using liquids or abrasive cleaners.
- **Wire Care:** Periodically inspect wires for any signs of wear, pinching, or damage. Ensure they remain securely routed and concealed.
- **Battery Replacement:** If using the battery holder, replace AA batteries when lights dim or cease to function. Ensure correct battery orientation.
- **Storage:** If storing the LEGO model, ensure wires are not under tension or pressure to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your BRIKSMAX LED Lighting Kit, refer to the following common problems and solutions:

- **Lights Not Illuminating:**
 - Check the power source: Ensure the USB cable is securely connected or that the battery holder has fresh batteries and is switched on.
 - Verify all cable connections: Ensure each LED component is properly connected to an expansion board, and expansion boards are connected to the power source.
 - Inspect wires for damage: Look for any pinched, cut, or broken wires.
- **Flickering Lights:**
 - Loose connections: Re-seat all cable connections firmly.
 - Insufficient power: If using batteries, they may be low. Replace them. If using USB, try a different USB port or adapter.
- **Remote Control Not Responding:**
 - Check the remote control battery: Replace the CR2025 battery if necessary.
 - Ensure line of sight: Point the remote directly at the receiver board.
- **Adhesive Strips Detaching:**
 - Reapply with stronger adhesive: If the included adhesive is insufficient, use a small amount of model-safe glue or stronger adhesive squares to secure the light strips.

For persistent issues, please refer to the Warranty and Support section.

7. SPECIFICATIONS

Feature	Detail
Brand	BRIKSMAX
Model Number	10278 (for LEGO Police Station)
Part Number	BX411
Material	Plastic
Light Source Type	Light Emitting Diode (LED)
Power Source	Battery Powered (AA, not included) or USB
Voltage	1.5 Volts (DC)
Mounting Type	Adhesive
Bulb Features	Color Changing (via remote)
Number of Light Sources	8 (as per product specifications)
Item Weight	9.9 ounces (280 Grams)

Product Dimensions	6.69 x 4.72 x 1.57 inches
Manufacturer Recommended Age	8 years and up

8. WARRANTY AND SUPPORT

BRIKSMAX is committed to providing high-quality products and excellent customer service. If you encounter any difficulties with your product, require assistance with installation, or have questions regarding its operation, please do not hesitate to contact us.

Our support team is available to assist you. For the quickest resolution, please provide your product model number (10278) and a detailed description of the issue when contacting us.

For contact information, please refer to the packaging or the official BRIKSMAX website.