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› [BrickBling](#) /

› BrickBling LED Lighting Kit Instruction Manual for LEGO 42145 Technic Airbus H175 Rescue Helicopter

BrickBling DE-42145-P41301

BrickBling LED Lighting Kit Instruction Manual

FOR LEGO 42145 TECHNIC AIRBUS H175 RESCUE HELICOPTER

1. Introduction

This manual provides detailed instructions for installing and operating your BrickBling LED Lighting Kit, specifically designed for the LEGO 42145 Technic Airbus H175 Rescue Helicopter model. This kit enhances your LEGO model with vibrant lighting, bringing it to life. Please read these instructions carefully before beginning installation.



Image: The LEGO Technic Airbus H175 Rescue Helicopter model illuminated by the BrickBling LED lighting kit.

2. Safety Information

- The lighting kit operates at a low voltage of 5V, ensuring a safer user experience.
- All copper wires are designed with overheating and burning protection to extend product lifespan.
- Keep the product away from water and high humidity to prevent short circuits.
- Do not attempt to modify or disassemble the LED components, as this may damage the product and void the warranty.
- This product contains small parts and is not suitable for children under 3 years old due to choking hazards.

3. Package Contents

Please verify that all components listed below are present in your package:



Inhalt Des Zubehörs

1. LED-Licht-Kits
2. Bedienungsanleitung

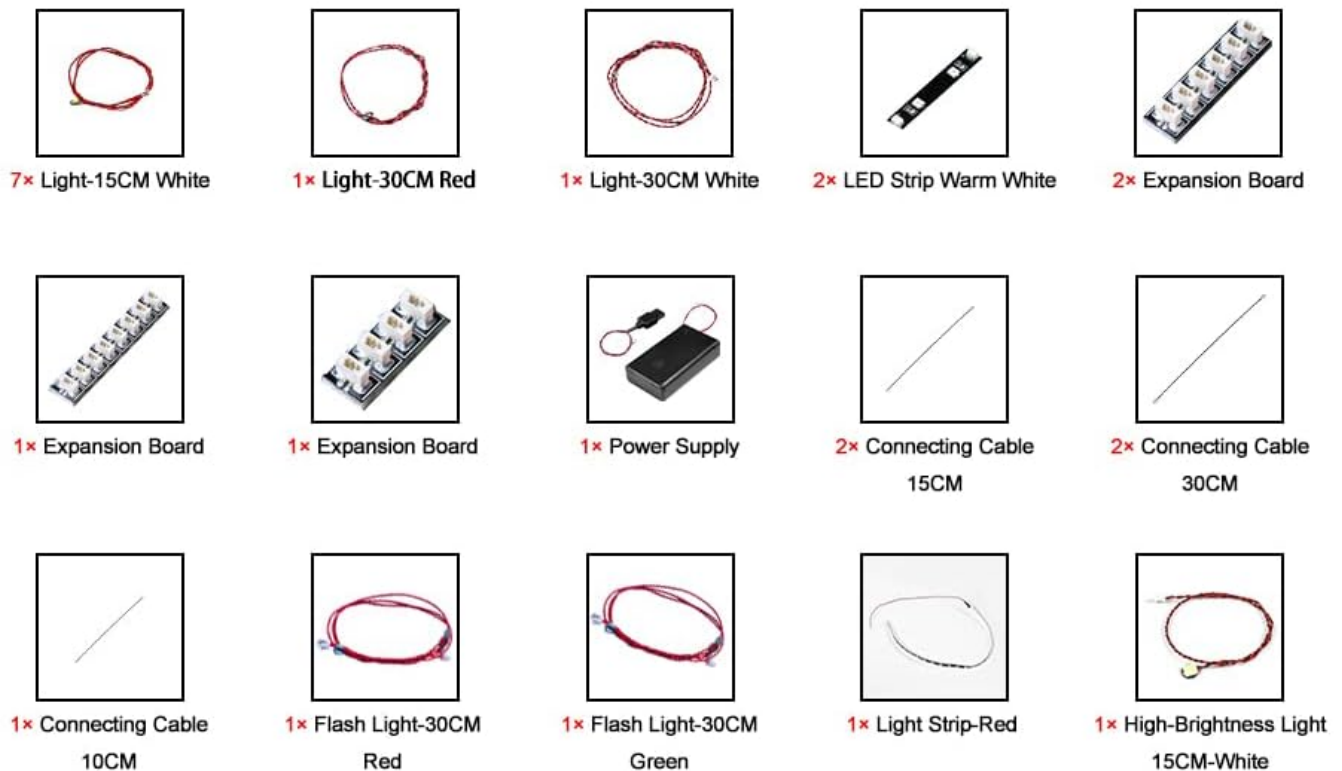


Image: Overview of the LED lighting kit components.

- LED Light Kits (various types and colors)
- Instruction Manual
- Expansion Boards (multiple)
- Power Supply (USB cable and battery box)
- Connecting Cables (various lengths: 10cm, 15cm, 30cm)
- Specific LED components may include: 15cm White Lights, 30cm Red Lights, 30cm White Lights, Warm White LED Strips, 30cm Red Flash Lights, 30cm Green Flash Lights, Red Light Strips, 15cm High-Brightness White Lights.

4. Setup and Installation

The BrickBling LED lighting kit is designed for easy installation. For detailed, step-by-step visual guidance, please refer to the official video instructions provided by BrickBling. A general overview of the installation process is as follows:

1. **Prepare your LEGO model:** Ensure your LEGO 42145 Technic Airbus H175 Rescue Helicopter model is fully assembled according to its original instructions.
2. **Identify installation points:** The lighting kit is designed to integrate seamlessly with specific parts of the helicopter. Refer to the video instructions to locate these points.
3. **Connect LED lights:** Carefully attach the individual LED lights to the designated areas on your model. The cables and connectors are designed to fit precisely.
4. **Route cables:** Neatly route the connecting cables to the expansion boards, ensuring they are hidden within the model's structure where possible. Avoid pinching or sharply bending the wires.
5. **Connect expansion boards:** Link the expansion boards together and to the main power supply cable.
6. **Test connections:** Before fully securing all components, connect the power supply and briefly test the lights to ensure all connections are correct and functioning.
7. **Final assembly:** Once confirmed, secure all components and cables.



Image: Front view of the helicopter with installed lights.



Image: Tail section with navigation lights.

5. Operating Instructions

Your BrickBling LED Lighting Kit offers flexible power options:

- **USB Power:** Connect the provided USB cable to a power bank, wall charger, USB socket, laptop, or any other device with a USB port.
- **Battery Box Power:** Alternatively, use the included battery box. Insert the required batteries (not included) into the battery box and connect it to the lighting kit.

Once connected to a power source, the LED lights will illuminate. Disconnect the power source to turn off the lights.



Image: The illuminated helicopter model in a display setting.

6. Maintenance

- Keep the LED lighting kit and your LEGO model clean by gently dusting with a soft, dry cloth.
- Avoid using liquid cleaners or abrasive materials, as these can damage the LED components or the LEGO bricks.
- Ensure all cable connections remain secure. If lights flicker or fail, check the connections.
- Store the model in a cool, dry place away from direct sunlight to prevent material degradation.

7. Troubleshooting

- **Lights not turning on:**
 - Check if the power source (USB or battery box) is properly connected and functional.
 - If using the battery box, ensure batteries are correctly inserted and have sufficient charge.
 - Verify all cable connections between the LEDs, expansion boards, and power supply are secure.
- **Some lights not working:**
 - Inspect the specific LED and its connecting cable for any damage or loose connections.
 - Ensure the LED is correctly plugged into the expansion board.
- **Flickering lights:**
 - Check for loose connections at the power source or along the cable path.
 - Ensure the power source provides stable 5V output.

8. Specifications

Brand	BrickBling
Model Number	DE-42145-P41301
Compatible LEGO Model	LEGO 42145 Technic Airbus H175 Rescue Helicopter
Light Source Type	LED
Voltage	5 Volts
Power Source	USB or Battery-powered (batteries not included)

Material	Copper (for wiring)
Special Features	Overheat and burning protection, easy installation, multiple power options

9. Warranty and Support

This BrickBling LED Lighting Kit comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, installation assistance, or warranty inquiries, please contact BrickBling customer service through the retailer where you purchased the product or visit the official BrickBling website for contact information.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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