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› [CubicFun Natural Museum Brachiosaurus 3D Puzzle with LED \(Model L544H\) Instruction Manual](#)

CubicFun L544H

CubicFun Natural Museum Brachiosaurus 3D Puzzle with LED (Model L544H) Instruction Manual

Your Guide to Assembly and Operation

1. INTRODUCTION

Thank you for choosing the CubicFun Natural Museum Brachiosaurus 3D Puzzle with LED. This kit allows you to construct a detailed miniature natural history museum featuring a Brachiosaurus skeleton, complete with integrated LED lighting. This manual provides essential information for safe assembly, operation, and maintenance of your model.



Figure 1.1: The fully assembled CubicFun Natural Museum Brachiosaurus 3D Puzzle, showcasing the museum structure and the Brachiosaurus skeleton with integrated LED lighting.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

- Keep all packaging materials away from children.
- Ensure all small parts are handled carefully and kept out of reach of young children to prevent accidental ingestion.
- Adult supervision is recommended during assembly, especially for younger users.
- Do not attempt to modify the electrical components or LED wiring.

3. PACKAGE CONTENTS

Before beginning assembly, please verify that all components are present and undamaged. The package should contain:

- Pre-cut 3D puzzle sheets (cardboard material)
- LED light string with battery unit (batteries not included)
- Detailed graphic instruction manual



Figure 3.1: Components of the puzzle kit, including pre-cut sheets and the instruction manual. Note the 'No Tools Needed' and 'Detailed Instructions' icons.

4. SETUP AND ASSEMBLY INSTRUCTIONS

The CubicFun 3D puzzle is designed for easy assembly without the need for additional tools or glue. Follow the steps below and refer to the included graphic manual for detailed illustrations.

1. **Unpack Components:** Carefully remove all puzzle sheets and the instruction manual from the box.

2. **Familiarize Yourself with Parts:** Review the puzzle sheets. The pieces are made from flexible paper-based cardboard with rounded edges for safe handling. Identify the different sections of the model (museum structure, Brachiosaurus skeleton).
3. **Follow Graphic Instructions:** The included manual provides step-by-step visual guidance. Each step illustrates which pieces to detach and how to connect them. Pay close attention to the symbols and part numbers in the manual.
4. **Assemble the Base:** Begin by constructing the base of the museum model as indicated in the instructions.
5. **Build the Museum Structure:** Proceed with assembling the walls and roof of the museum building. Ensure all tabs and slots are securely connected.
6. **Construct the Brachiosaurus Skeleton:** Assemble the Brachiosaurus skeleton separately, following the dedicated steps in the manual.
7. **Integrate LED Lighting:** During the assembly of the museum structure, you will be instructed to install the LED light string. The battery unit is designed to be hidden within the model. Refer to the 'Operating Instructions' section for battery installation.
8. **Combine Components:** Once the museum structure and Brachiosaurus skeleton are complete, carefully place the skeleton onto its designated position within the museum base.

Fashion Toys DIY Projects



Figure 4.1: Individuals engaged in the assembly process of the 3D puzzle, demonstrating the hands-on nature of the project.

ENJOY 3D PUZZLES WITH YOUR FAMILY



Figure 4.2: A family enjoying the assembly of the 3D puzzle, highlighting the collaborative and engaging experience.

5. OPERATING INSTRUCTIONS (LED LIGHTING)

Your CubicFun Natural Museum Brachiosaurus model includes an LED lighting system to enhance its display.

- Battery Installation:** Locate the hidden battery unit within the model. Open the battery compartment and insert the required batteries (not included) according to the polarity markings. Close the compartment securely.
- Powering On/Off:** The LED light string is controlled by a switch on the battery unit. Toggle the switch to turn the lights on or off.
- Lighting Modes:** The LED system offers two lighting modes: a 'daylight' mode and a 'night' mode. These modes allow you to adjust the ambiance to match your environment. The specific mechanism for switching between modes will be detailed in the graphic instruction manual provided with the kit.

Natural Museum BRACHIOSAURUS

216 PIECES



LED



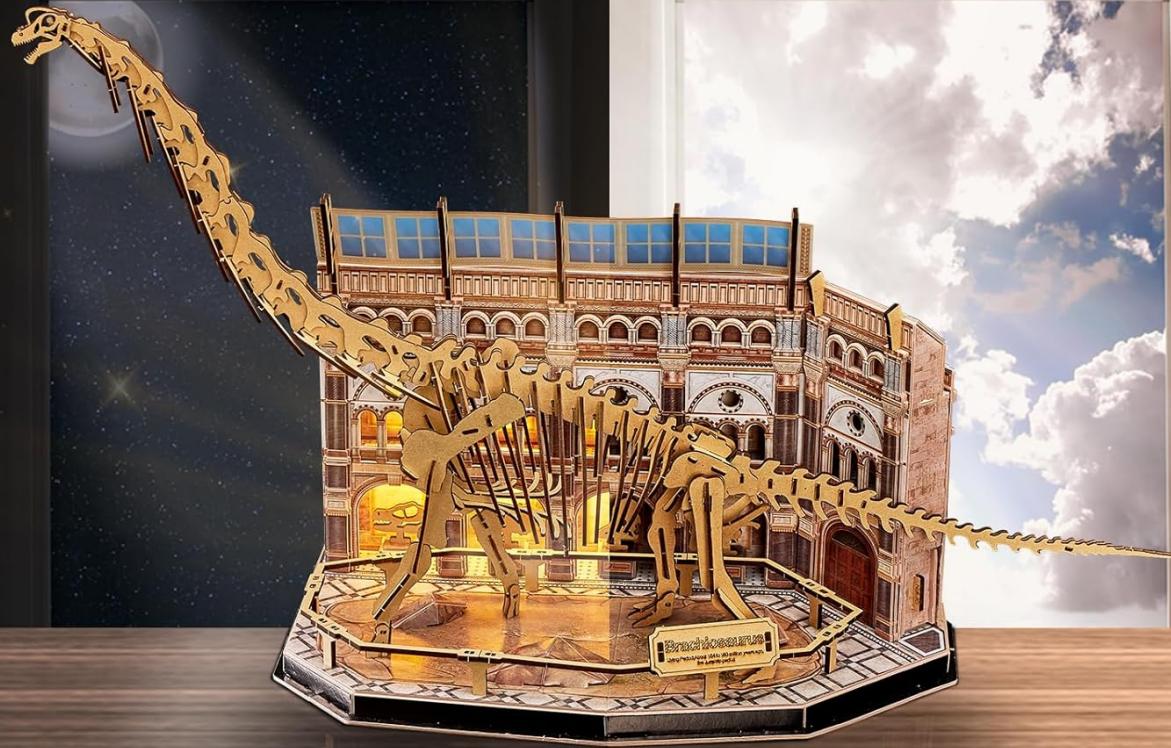
**Hidden battery unit
(battery not included)**



Figure 5.1: Close-up view of the LED light string and the hidden battery unit, illustrating where batteries are installed.

HOME DECOR

Decorate Your Home with the Natural Museum



LED

No LED

Figure 5.2: Comparison of the model with LED lights activated versus LED lights off, demonstrating the visual impact of the lighting feature.

6. MAINTENANCE

To ensure the longevity and appearance of your CubicFun 3D puzzle:

- **Cleaning:** Gently dust the model with a soft, dry cloth or a soft brush. Avoid using water or chemical cleaners, as these can damage the cardboard material.
- **Storage:** Store the assembled model in a dry environment, away from direct sunlight and extreme temperatures, to prevent warping or fading.
- **Battery Care:** If the model will not be used for an extended period, remove the batteries from the LED unit to prevent leakage and potential damage.

7. TROUBLESHOOTING

If you encounter any issues during assembly or operation, consider the following:

- **Pieces Not Fitting:** Double-check the part numbers and orientation against the graphic instructions. Ensure all tabs are fully inserted into their corresponding slots. Do not force pieces, as this may cause damage.
- **LED Lights Not Working:**
 - a. Verify that batteries are correctly installed with the correct polarity.
 - b. Ensure the batteries are fresh and not depleted.
 - c. Check that the power switch on the battery unit is in the 'ON' position.
- **Missing or Damaged Parts:** If you find any missing or damaged parts upon opening the package, please contact CubicFun customer support for assistance.

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|--|
| Model Number | L544H |
| Brand | CubicFun |
| Product Dimensions (L x W x H) | 58 cm x 20.5 cm x 37.5 cm (22.8" x 8.1" x 14.8") |
| Number of Pieces | 216 |
| Material | Cardboard (Flexible Paper) |
| Recommended Age | 3 years and up (Intermediate skill level) |
| Educational Value | Spatial Awareness, Logical Thinking |
| LED Lighting | Included (Requires batteries, not included) |

PRODUCT SIZE

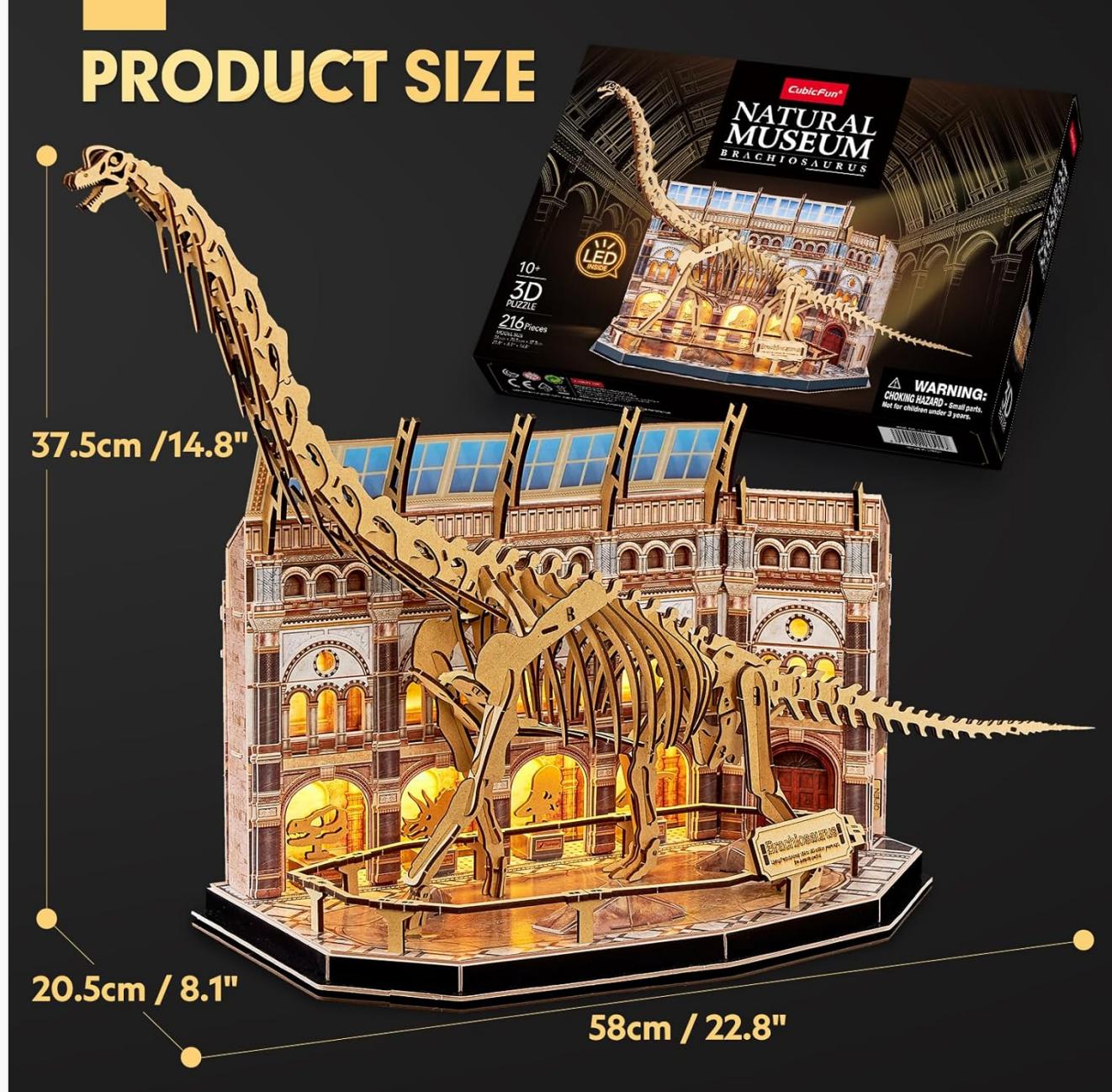


Figure 8.1: Visual representation of the assembled product's dimensions: 58cm (22.8") length, 20.5cm (8.1") width, and 37.5cm (14.8") height.

9. WARRANTY AND SUPPORT

CubicFun products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, please retain your proof of purchase for any potential warranty claims.

For further assistance, missing parts, or technical support, please refer to the contact information provided on the product packaging or visit the official CubicFun website.

Related Documents - L544H

