



[Manuals.plus](#) /

> [INSOON](#) /

> INSOON Mosasaurus Building Set with LED Light (Model HG1023) Instruction Manual

INSOON HG1023

INSOON Mosasaurus Building Set with LED Light (Model HG1023) Instruction Manual

Model: HG1023

INTRODUCTION

This instruction manual provides detailed guidance for assembling and operating your INSOON Mosasaurus Building Set with LED Light. This set allows you to construct a movable model of a Mosasaurus along with an intricate ocean floor ecosystem, featuring various marine creatures and coral reefs. Please read all instructions carefully before beginning assembly.

SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small Parts. Not suitable for children under 3 years. This building set contains small parts that may pose a choking hazard. Adult supervision is recommended during assembly, especially for younger users. Keep all packaging materials away from children.

Ensure all electrical components (LED lights) are handled according to instructions to prevent damage or injury. Do not immerse the assembled model in water.

PACKAGE CONTENTS

Before starting assembly, verify that all components are present. The package should contain:

- Approximately 1219 building block pieces
- LED light components for squid and jellyfish
- Instruction manual (English language)
- Various pieces for Mosasaurus, nautilus, jellyfish, squid, coral reef, and base

If any parts are missing or damaged, please contact customer support.

SETUP AND ASSEMBLY

Assembly of the INSOON Mosasaurus Building Set requires careful attention to the provided step-by-step instructions. It is recommended to sort pieces by color and type before beginning.

1. **Unpack Components:** Carefully open the packaging and lay out all bags of building blocks.
2. **Sort Pieces:** Organize the building blocks by color, size, and shape to facilitate easier assembly.
3. **Follow Instruction Manual:** Refer to the included English instruction manual for detailed, illustrated steps. Each step will guide you through constructing the Mosasaurus, the ocean floor base, and the various marine creatures.
4. **Assemble the Base:** Begin by constructing the ocean floor base, which includes the coral reef, nautilus, jellyfish, and squid.
5. **Integrate LED Lights:** During the assembly of the squid and jellyfish, integrate the LED light components as indicated in the manual. Ensure proper connection for functionality.
6. **Construct the Mosasaurus:** Assemble the Mosasaurus model, paying close attention to the articulated jaw, poseable limbs, and synchronized tail movement mechanisms.
7. **Attach Mosasaurus to Base:** Once both the Mosasaurus and the base are complete, carefully attach the Mosasaurus to the designated points on the ocean floor base.

Note: Some steps involve intricate connections. Apply gentle pressure to ensure pieces fit securely.



CREATIVE MOSASAURUS BUILDING SET

Image: The fully assembled INSOON Mosasaurus Building Set, showcasing the Mosasaurus and the detailed ocean floor base with various marine life.



GEAR LINKAGE ADDS FUN

Image: Two children engaged in assembling the INSOON Mosasaurus Building Set, highlighting the interactive building experience.



INTERACTIVE GEAR DRIVEN SYSTEM MAKES MOSASAURUS COME ALIVE

Image: A close-up view of the interactive gear-driven system, showing how turning a gear causes the Mosasaurus to sway and other sea creatures to move.

OPERATING INSTRUCTIONS

The INSOON Mosasaurus Building Set features interactive elements and LED lighting.

- **Movable Parts:** The Mosasaurus model includes an articulated jaw, poseable limbs, and a synchronized tail. These parts can be manually adjusted to create dynamic poses.
- **Gear-Driven Movement:** Locate the mechanical gear system on the base. Gently turn the gear to activate the Mosasaurus's swaying motion and the movement of nearby sea creatures like jellyfish and nautiluses.
- **LED Lights:** The squid and jellyfish components are equipped with LED lights. Activate these lights to illuminate the underwater scene, enhancing the display, especially in low-light conditions. Refer to the manual for specific instructions on activating the LED lights.



LIGHT ON



WARM LIGHTING DESIGN

Image: The Mosasaurus building set with its LED lights illuminated, creating a warm, glowing underwater effect.



Image: Detailed view of the movable parts, including the jellyfish, nautilus, Mosasaurus jaw, and tail, demonstrating their articulation.

MAINTENANCE

To ensure the longevity and appearance of your INSOON Mosasaurus Building Set, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth. For stubborn dirt, lightly dampen the cloth with water. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or material degradation.
- **Handling:** Handle the assembled model with care, especially when moving it, to prevent pieces from detaching.
- **LED Lights:** If the LED lights dim or stop working, check the battery compartment (if applicable) and replace batteries as needed. Refer to the specific instructions for the LED components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pieces do not fit together securely.	Incorrect orientation or insufficient pressure.	Ensure pieces are aligned correctly according to the manual. Apply firm, even pressure.
Mosasaurus movement mechanism is stiff or not working.	Incorrect assembly of gears or internal components.	Review the assembly steps for the gear-driven system. Ensure all gears are properly aligned and connected.
LED lights are not illuminating.	Incorrect battery installation, dead batteries, or loose connection.	Check battery orientation and ensure batteries are fresh. Verify all light connections are secure.
Missing parts.	Manufacturing error or oversight during unpacking.	Contact INSOON customer support with details of the missing parts.

SPECIFICATIONS

- **Brand:** INSOON
- **Model Number:** HG1023
- **Number of Pieces:** Approximately 1219
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Color:** Blue
- **Theme:** Animal (Mosasaurus, Ocean Life)
- **Educational Objective:** Visual Development
- **Additional Features:** Non-Toxic, Movable Parts, Interactive Gear System, LED Lighting
- **Recommended Age:** 12+ years
- **Item Dimensions:** Approximately 20.28 inches (51.5 cm) length, 9.84 inches (25 cm) width, 6.5-16.5 cm height
- **Item Weight:** 1.5 Kilograms
- **Assembly Required:** Yes
- **Operation Mode:** Manual
- **Power Source (LED):** Manual (requires batteries for LED lights, not included)

WARRANTY AND SUPPORT

The product comes with a manufacturer warranty. For specific warranty details, please refer to the documentation included in your package or contact INSOON customer support.

For technical assistance, missing parts, or any other inquiries, please contact INSOON customer service. Contact information can typically be found on the product packaging or the official INSOON website.

OFFICIAL PRODUCT VIDEOS

INSOON Dinosaur Building Block Set with LED Light

Your browser does not support the video tag.

Video: An official product video from INSOON showcasing the features and assembly of the Dinosaur Building Block Set with LED Light. This video demonstrates the interactive elements and the illuminated components of the model.



© 2025 INSOON. All rights reserved.