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> INSOON Pirate Ship Bay Building Set with LED Light (Model HG1020) Instruction Manual

INSOON HG1020

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of the INSOON Pirate Ship Bay Building Set, Model HG1020. This construction set allows for the creation of a pirate ship and a fortified bay structure, featuring LED lighting and three distinct configuration styles. The set consists of 1502 building bricks.



Figure 1.1: Assembled INSOON Pirate Ship Bay Building Set, showcasing the pirate ship, fortified bay, and connecting dock.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small Parts. This building set contains small components that may pose a choking hazard to children under 3 years of age. Adult supervision is recommended for users under the age of 10. Please keep all small parts away from infants and young children.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. The package should contain:

- 1502 Acrylonitrile Butadiene Styrene (ABS) building bricks
- LED light components for illumination
- Instruction Manual (this document)
- Two sets of flags (pirate and navy designs)
- Various accessory pieces for detailed features

4. ASSEMBLY INSTRUCTIONS

Assembly of the INSOON Pirate Ship Bay Building Set requires careful attention to the included step-by-step visual guide. Follow the numbered steps in the separate printed instruction manual provided in the box.

1. **Preparation:** Unpack all components and organize them by color and shape to facilitate easier identification during assembly.
2. **Follow Manual:** Refer to the dedicated instruction booklet for detailed, illustrated assembly steps. Each step indicates the specific bricks required and their placement.
3. **LED Light Integration:** Integrate the LED light components as indicated in the instruction manual during the construction of the fortress and watchtower sections. Ensure proper connection for functionality.
4. **Modular Construction:** The set is designed with modular sections that connect to form the complete bay. Pay attention to the connection points for the drawbridge and other structural elements.



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Figure 4.1: The building set in progress, showing the instruction manual and organized components.



BUILDING YOUR PIRATE SET

Figure 4.2: Collaborative assembly of the building set.

5. OPERATING INSTRUCTIONS

5.1. LED Light Operation

The INSOON Pirate Ship Bay Building Set includes integrated LED lights to enhance the display. Once the LED components are correctly installed during assembly, activate them according to the instructions in the main manual. The lights illuminate key areas of the fortress and watchtower, creating a dynamic visual effect.



Figure 5.1: The building set with LED lights activated.

5.2. 3 Style Modes

The pirate wharf section of the building set offers three distinct configuration styles. These styles can be achieved by re-arranging specific modular sections without requiring complete disassembly. Refer to the instruction manual for visual guides on how to transform the wharf into each style.



Figure 5.2: Three distinct configuration styles of the pirate wharf.



Figure 5.3: Examples of two different assembled configurations.

5.3. Interactive Features

The set includes several interactive elements:

- **Cannons:** Positioned on the fortress and ship, these can be adjusted.
- **Drawbridge:** A functional drawbridge connects sections of the bay.
- **Prison:** Features an escape door for dynamic play scenarios.
- **Rotating Crane:** Located on the fortress for lifting and moving items.
- **Hidden Compartments:** Discover areas for storing small accessories or treasures.



Figure 5.4: Close-up views of interactive features including cannons, hidden treasure, and prison escape.

5.4. Flag Customization

The set includes two sets of flags: pirate and navy. These can be interchanged on the ship and fortress to customize the display or narrative.



Figure 5.5: Interchangeable flags for customization.

6. MAINTENANCE

To ensure the longevity and appearance of your building set, follow these maintenance guidelines:

- **Cleaning:** Dust the assembled model regularly with a soft, dry cloth. For deeper cleaning, gently wipe bricks with a damp cloth and mild soap, then rinse and air dry thoroughly. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the set in a cool, dry place away from direct sunlight to prevent discoloration or material degradation. If disassembling for storage, keep all pieces organized to prevent loss.
- **Handling:** Handle the assembled model with care to prevent accidental breakage of connections.

7. TROUBLESHOOTING

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

- **Missing Parts:** Carefully re-check all packaging materials and the assembly area. If a part is genuinely

missing, refer to the 'Warranty and Support' section for contact information.

- **LED Lights Not Working:** Ensure all LED components are correctly connected as per the instruction manual. Check for any loose wires or improperly seated parts.
- **Difficulty Connecting Bricks:** Ensure bricks are aligned correctly and apply firm, even pressure. Some new bricks may require slightly more force to connect initially.
- **Structural Instability:** Review the assembly steps for the affected section to ensure all bricks are correctly placed and fully connected.

8. SPECIFICATIONS

Feature	Detail
Model Number	HG1020
Brand	INSOON
Material	Acrylonitrile Butadiene Styrene (ABS)
Number of Pieces	1502
Recommended Age	10 years and up
Product Dimensions (L x W x H)	Approximately 1 x 1 x 1 cm (assembled components vary)
Item Weight	2.24 Kilograms
Assembly Required	Yes
Batteries Required	No (for LED lights, power source details are in main manual)



Figure 8.1: Approximate dimensions of the assembled set components.

9. WARRANTY AND SUPPORT

For warranty information, missing parts, or technical support, please refer to the contact details provided on the product packaging or the official INSOON website. Keep your purchase receipt as proof of purchase.