## TYCOLE T2147

# TYCOLE Mayflower Pirate Ship Building Kit with Lights

Model: T2147 | Brand: TYCOLE

## 1. Introduction

This manual provides detailed instructions for the assembly, operation, and maintenance of your TYCOLE Mayflower Pirate Ship Building Kit. This kit allows you to construct a detailed model of a three-masted pirate ship, complete with integrated LED lights for an enhanced display.

The kit contains 2076 standard building blocks, designed for enthusiasts aged 6 years and up. The finished model measures approximately 48.5 cm (length) x 12 cm (width) x 34.8 cm (height).

### Safety Information

**Warning: Not suitable for children under 36 months. This product contains small parts that can be swallowed, posing a choking hazard. Adult supervision is recommended during assembly, especially for younger users.**




Figure 1: The TYCOLE Mayflower Pirate Ship Building Kit, fully assembled.

## 2. Setup and Assembly

Before beginning assembly, ensure all components are present. The kit includes 2076 building blocks made from high-quality ABS plastic, along with a clear, colored instruction booklet and essential assembly tools.

### Assembly Steps:

1. **Unpack Components:** Carefully open the packaging and sort the building blocks by type and color. Refer to the parts list in the instruction booklet to verify all pieces are included.
2. **Follow the Instruction Booklet:** The kit comes with a detailed, step-by-step instruction booklet. Follow the diagrams and written instructions precisely.
3. **Patience is Key:** Assembly can take approximately 10-12 hours. Some pieces may require firm pressure to connect securely. If you encounter difficulty, re-examine the instructions and the orientation of the blocks.
4. **Install LED Lights:** Integrate the 4 LED lights as indicated in the instruction manual during the relevant assembly

stages. Ensure all connections are secure.

5. **Final Touches:** Once the main structure is complete, attach the sails, rigging, and any decorative elements. Place the finished model on the included display stand.




Figure 2: Example of parts and instruction booklet for assembly.

## 3. Operating Features

The TYCOLE Mayflower model includes several interactive and display features:

- **Integrated LED Lights:** The model features 4 built-in LED lights. These lights are designed to illuminate key areas of the ship, creating a captivating display, especially in low-light conditions. Ensure the power source (not specified, typically small batteries) is correctly installed for the lights to function.
- **Rotatable Rudder:** The ship's rudder is designed to be rotatable, adding a realistic touch to the model.
- **Detailed Interior:** The model includes a detailed steering room and other cabin elements, enhancing its authenticity.
- **Display Stand:** A dedicated display stand, also constructed from building blocks, is included to securely showcase

your finished model.




Figure 3: Detailed features including the rotatable rudder and steering room.

## 4. Maintenance

To ensure the longevity and appearance of your TYCOLE Mayflower Pirate Ship model, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. Avoid using abrasive cleaners or harsh chemicals, as these can damage the plastic blocks and printed details.
- **Storage:** Store the model in a cool, dry place away from direct sunlight. Prolonged exposure to sunlight can cause the plastic to fade or become brittle.
- **Handling:** Handle the model with care, especially when moving it. Avoid dropping or applying excessive force, as this can cause pieces to detach or break.
- **Light System:** If the LED lights dim or stop working, check the battery compartment (if applicable) and replace

batteries as needed. Ensure all wiring connections remain secure.

## 5. Troubleshooting

Here are solutions to common issues you might encounter during assembly or use:

| Problem | Solution |
|---|---|
| Missing Pieces | Carefully re-check all packaging materials. If pieces are genuinely missing, please contact TYCOLE customer support for assistance. |
| Difficulty Connecting Blocks | Ensure the blocks are correctly oriented as shown in the instruction manual. Apply firm, even pressure. Some connections may be tighter than others. |
| Instruction Errors | While the manual is generally clear, minor discrepancies can occur. Use logical reasoning and refer to surrounding steps or images to resolve. If stuck, contact support. |
| LED Lights Not Working | Verify that the power source (e.g., batteries) is correctly installed and functional. Check all wiring connections for looseness or damage. |

## 6. Specifications

**Brand:** TYCOLE

**Model Number:** T2147

**Number of Pieces:** 2076

**Dimensions (L x W x H):** 48.5 cm x 12 cm x 34.8 cm (19.09 in x 4.72 in x 13.7 in)

**Material:** ABS Plastic

**Age Range:** 6 years and up

**Color:** Grey/White/Red

**Special Features:** Integrated LED Lights, Rotatable Rudder

**Components Included:** Building blocks, instruction manual, assembly tools.




Figure 4: Product dimensions of the assembled model.

## 7. Warranty and Support

TYCOLE building kits are manufactured from high-quality ABS materials and have passed CPC, CE, and CCPSA tests and certifications. We are committed to providing a satisfactory solution for any issues you may encounter.

If you experience any problems, such as missing parts during assembly, or require further assistance, please contact our customer support team. Refer to the contact information provided in your product packaging or visit the official TYCOLE website for support details.

We value your satisfaction and are here to help ensure you have a positive experience with your TYCOLE product.

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