

JOYIN 11047

JOYIN 170-Piece Glowing Marble Run Instruction Manual

Brand: JOYIN | Model: 170-Super Set (11047)

1. ABOUT THE PRODUCT

The JOYIN 170-Piece Glowing Marble Run is a construction building block toy designed to provide an engaging and educational play experience. This set includes transparent track parts and glow-in-the-dark glass marbles, encouraging creativity, logical thinking, and hand-eye coordination.

Key Features:

- **170-Piece Premium Set:** Includes transparent parts for observing marble movement.
- **Variety of Action Parts:** 120 pieces of multi-colored, high-quality solid plastic components.
- **Glow-in-the-Dark Marbles:** Comes with 50 regular size glass marbles, including special glow-in-the-dark marbles for enhanced play.
- **Easy Assembly:** Tracks are designed for easy and stable construction.
- **STEM Educational Benefits:** Develops creativity, logical thinking, hand-eye coordination, patience, and problem-solving skills.
- **Child Safety:** Meets US Safety Standards, Safety Test Approved, and 100% Non-Toxic materials.

2. PACKAGE CONTENTS

Your JOYIN 170-Piece Glowing Marble Run set includes the following components:

- 120 assorted colored action parts (e.g., tubes, funnels, curves, straightaways, spinning wheels, bases).
- 50 regular size glass marbles (including 5 glow-in-the-dark marbles).
- 1 Assembly Instruction Manual.

SUPER VALUE PACK

Includes 100-piece multi-color action parts
and 50 regular size glass marbles.



Figure 2.1: Overview of included parts and marbles.

3. SETUP AND ASSEMBLY

Follow the included instruction manual for step-by-step guidance on building various marble run configurations. The pieces are designed to interlock securely, allowing for stable and creative structures.

General Assembly Tips:

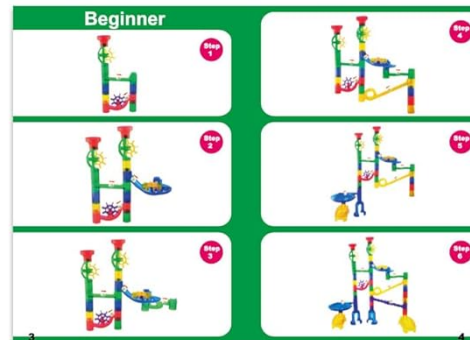
- Begin by identifying the base pieces and ensuring they are placed on a flat, stable surface.
- Connect vertical tubes and horizontal tracks firmly. A slight push may be needed to ensure a secure fit.
- Refer to the instruction booklet for example designs, especially for initial builds.
- Experiment with different piece arrangements to create unique marble paths.

LEARN WITH INSTRUCTIONS

Follow the instruction booklet to build different combinations!



BEGINNER



HARD

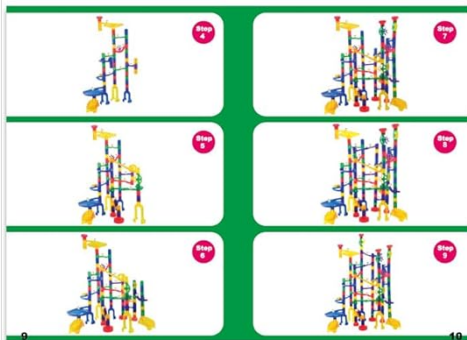


Figure 3.1: Example assembly instructions and design ideas.



Figure 3.2: Assembled marble run with approximate dimensions.

Assembly Video:

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Video 3.1: This video demonstrates the assembly and play of the JOYIN 170-Piece Marble Run Premium Set, highlighting its STEM educational aspects.

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Video 3.2: This video from JoyinDirect showcases an Elevator Marble Run set (note: this video features a 236-piece set, but demonstrates general assembly and play concepts applicable to the 170-piece set).

4. OPERATING INSTRUCTIONS

Once your marble run is assembled, place the marbles at the designated starting points (e.g., funnels or top trays) and watch them race through the tracks. The transparent pieces allow for clear observation of the marbles' journey.

Playing with Glow-in-the-Dark Marbles:

- To activate the glow effect, expose the glow-in-the-dark marbles to a bright light source (such as a lamp or sunlight) for a few minutes.
- Turn off the lights or move to a dark room to observe the marbles glowing as they travel down the run.



Figure 4.1: Children engaging with the marble run, demonstrating interactive play.



Figure 4.2: A child initiating marble play on the track.

5. MAINTENANCE

Cleaning:

- Wipe all plastic parts with a soft, damp cloth.
- Avoid using abrasive cleaners or harsh chemicals, as these may damage the plastic.
- Ensure all parts are completely dry before storing.

Storage:

- Disassemble the marble run when not in use to prevent damage and loss of pieces.
- Store all components, including marbles, in the original packaging or a suitable storage container.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Marbles getting stuck:** Check all track connections to ensure they are properly aligned and securely fitted. Loose or misaligned pieces can obstruct marble flow.
- **Structure instability:** Verify that all base pieces are firmly connected and placed on a flat, level surface. If the structure appears wobbly, gently press down on connections to ensure they are fully engaged. Rebuild sections if necessary to improve stability.
- **Glow-in-the-dark marbles not glowing:** Ensure the marbles have been exposed to a strong light source for an adequate period (typically several minutes) to charge their glow properties.

7. SPECIFICATIONS

- **Product Dimensions:** 3 x 5 x 7 inches
- **Item Weight:** 4.36 pounds
- **Item Model Number:** 11047
- **Manufacturer Recommended Age:** 36 months - 3 years (Note: The product is generally suitable for ages 3 and up, with older children also enjoying the building and play aspects.)
- **Material:** High-quality plastic and glass marbles.

8. SAFETY INFORMATION

- **Choking Hazard:** This toy contains small parts (marbles). Not suitable for children under 3 years of age. Adult supervision is recommended during play.
- **Materials:** All components are made from 100% non-toxic materials and meet US Safety Standards.
- **Design:** Pieces feature rounded edges to prevent cuts or splinters during handling.

9. WARRANTY AND SUPPORT

Specific warranty details are not provided in this manual. For any questions, concerns, or support regarding your JOYIN 170-Piece Glowing Marble Run, please contact the manufacturer directly through their official website or customer service channels.