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ROBOTIME LK802, EAB01

ROBOTIME LK802 Viking Dragon Ship and EAB01 Seahorse 3D Wooden Puzzles Instruction Manual

Models: LK802 (Viking Dragon Ship), EAB01 (Seahorse Barque)

1. Introduction

This instruction manual provides guidance for assembling and maintaining your ROBOTIME LK802 Viking Dragon Ship and EAB01 Seahorse 3D Wooden Puzzles. These kits offer an engaging and immersive building experience, allowing you to construct detailed replicas using precision laser-cut wooden components.
The LK802 Viking Dragon Ship is an intermediate-level mechanical puzzle featuring moving oars. The EAB01 Seahorse Barque is a detailed 1:100 scale replica of a three-masted sailing vessel.

2. Safety Information

- Keep small parts away from young children to prevent choking hazards.
- Handle wooden pieces carefully to avoid splinters.
- Adult supervision is recommended for builders under 14 years of age.

3. Setup and Assembly

Each puzzle kit includes a detailed illustrated booklet with step-by-step instructions. Follow these instructions carefully for successful assembly.

3.1 General Assembly Tips

- **Unpack Carefully:** Lay out all components and verify against the parts list in your instruction booklet.
- **Identify Parts:** Familiarize yourself with the numbered or labeled pieces before starting.
- **Gentle Handling:** Wooden pieces are precision-cut. Detach them gently from the sheets. Do not force pieces together.
- **Use Sandpaper (Optional):** If any connections are too tight, gently sand the edges of the tabs or slots.

- **Adhesive (Optional):** While many ROBOTIME puzzles are designed for glue-free assembly, a small amount of wood glue may be used for added stability on certain non-moving parts if desired. Refer to your specific model's instructions.

3.2 LK802 Viking Dragon Ship Assembly

The LK802 model features mechanical gears that drive the oars. Pay close attention to the gear assembly steps to ensure smooth operation.



Image: Detailed view of the LK802 Viking Dragon Ship's mechanical gears and the reciprocating motion of its oars. This mechanism uses connecting rods and sliding grooves.



Image: Close-up details of the LK802 Viking Dragon Ship, showcasing its dynamic dragon head and tail, black and gold dual-color oars, defensive round shields, and curved dragon boat hull.

Estimated Assembly Time: Approximately 5 hours.
Skill Level: Intermediate.

3.3 EAB01 Seahorse Barque Assembly

The EAB01 model is a static display piece, focusing on intricate details of a historical sailing ship. Ensure all rigging and decorative elements are securely attached.



Image: The ROBOTIME EAB01 Seahorse Barque, presented as a 1:100 scale replica of a three-masted sailing vessel.



Image: Detailed views of the EAB01 Seahorse Barque, highlighting the Gothic-style towering sterncastle, rotating helm, and towering sails.

Estimated Assembly Time: Up to 10 hours.

4. Operating Instructions

4.1 LK802 Viking Dragon Ship

The LK802 model features a mechanical movement for its oars. To activate this feature, connect a USB-C cable (not included) to the designated port on the model and to a compatible power source (power plug not included). The oars will then move in a periodic reciprocating motion.
Ensure all gears are properly aligned and free from obstruction for smooth operation.

4.2 EAB01 Seahorse Barque

The EAB01 model is a static display piece. No operational steps are required beyond assembly. It is designed for visual appreciation and display.

5. Maintenance

- **Dusting:** Regularly dust your assembled model with a soft, dry cloth or a soft brush to prevent dust buildup in intricate areas.
- **Avoid Moisture:** Keep the wooden models away from high humidity, direct water, or liquids, as this can cause the wood to warp or swell.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause the wood to fade or become brittle. Display your model in a shaded area.
- **Handle with Care:** When moving or handling the model, support it from the base to prevent stress on delicate parts.
- **LK802 Mechanism:** For the LK802, ensure the mechanical gears remain clean and free of dust or debris to maintain smooth operation. Do not apply lubricants unless specifically instructed by the manufacturer.

6. Troubleshooting

- **Parts Not Fitting:** If a piece does not fit easily, do not force it. Check the instruction manual to ensure you have the correct part and orientation. Gently sand the edges if necessary.
- **Missing or Damaged Parts:** If you discover any missing or damaged parts upon opening the kit, please contact ROBOTIME customer support immediately.
- **LK802 Oars Not Moving:**
  a. Ensure the USB-C cable is securely connected to both the model and a working power source.
  b. Check for any obstructions in the gear mechanism or along the path of the connecting rods and oars.
  c. Verify that all gears are correctly assembled and aligned according to the instruction booklet.
- **Model Instability:** Ensure all connecting points are firmly pressed together. If using glue, allow sufficient drying time.

7. Specifications

7.1 General

- **Brand:** ROBOTIME
- **Material:** Wood
- **Recommended Age:** 14+ years
- **ASIN:** B0F62S1T6Y
- **Date First Available:** April 23, 2025

7.2 LK802 Viking Dragon Ship



Image: The assembled ROBOTIME LK802 Viking Dragon Ship, illustrating its approximate dimensions: 18.1 inches in length, 14.4 inches in width, and 18.3 inches in height.

- **Model Number:** LK802
- **Type:** Mechanical 3D Wooden Puzzle
- **Assembly Time:** Approximately 5 hours
- **Skill Level:** Intermediate

- **Power Source:** USB-C (cable and power plug not included)
- **Assembled Dimensions:** Approximately 18.1 in (L) x 14.4 in (W) x 18.3 in (H)

7.3 EAB01 Seahorse Barque



Image: A person holding the assembled ROBOTIME EAB01 Seahorse Barque, showcasing its intricate details and size.

- **Model Number:** EAB01

- **Type:** 3D Wooden Puzzle (Static Display)
- **Scale:** 1:100 replica
- **Assembly Time:** Up to 10 hours
- **Assembled Dimensions:** Approximately 18.5 in (L) x 7.1 in (W) x 15.4 in (H) (47 x 18 x 39 cm)

8. Warranty Information

ROBOTIME products are manufactured to high-quality standards. For specific warranty details, including coverage and duration, please refer to the documentation included with your product or visit the official ROBOTIME website. You may also contact customer support for assistance.

9. Customer Support

If you have any questions, require assistance with assembly, or need to report missing/damaged parts, please contact ROBOTIME customer support.

- **Manufacturer:** ROBOTIME
- **Online Store:** ROBOTIME Amazon Store
- For further contact information, please refer to your product packaging or the official ROBOTIME website.

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