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UGEARS 1

UGEARS 2.5D Framed Zeppelin - Instruction Manual

Brand: UGEARS | Model: 1

1. Introduction

Welcome to the world of UGEARS mechanical models! This manual provides comprehensive instructions for assembling and enjoying your UGEARS 2.5D Framed Zeppelin model kit. The Zeppelin is part of our Classic Vehicles Collection, designed to be a fascinating 2.5D mechanical puzzle that combines engineering with artistry.

This model depicts a vintage German airship from the early 20th Century, rich in precise details and presented in three perspectives within its frame. It is suitable for display on a wall or a shelf, bringing a touch of aviation history to your home or office.

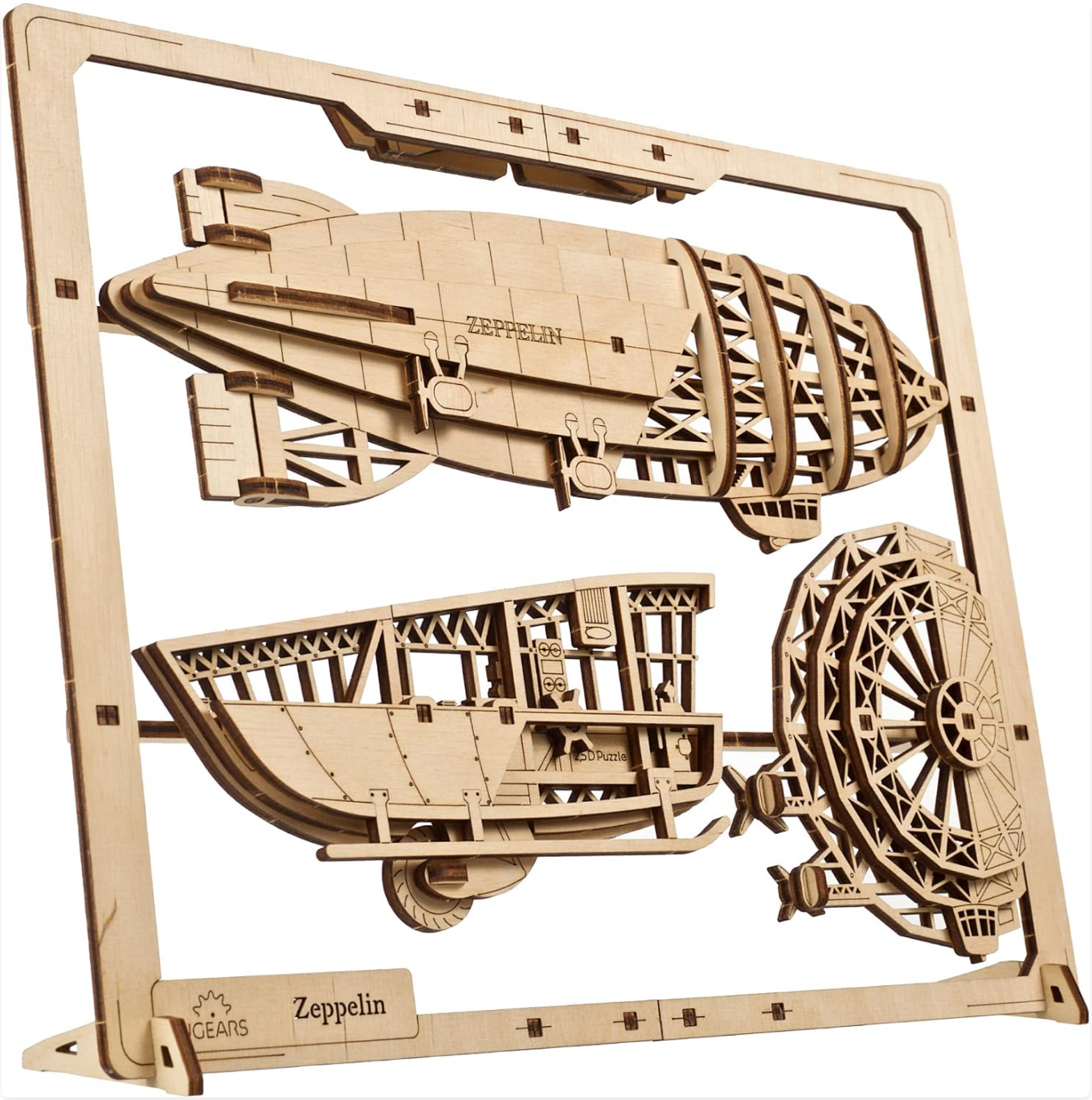

Figure 1.1: The assembled UGEARS 2.5D Framed Zeppelin model.

2. What's in the Box

Before you begin assembly, please ensure all components are present and accounted for. Your UGEARS 2.5D Framed Zeppelin kit includes:

- Plywood boards with laser-cut pieces
- Rubber bands
- Fishing line
- Paraffin wax
- Sandpaper
- Illustrated instruction manual (in 11 languages)

No additional tools or glue are required for assembly.



Figure 2.1: All components included in the UGEARS 2.5D Framed Zeppelin kit.

3. Assembly Instructions

The UGEARS 2.5D Framed Zeppelin is a beginner-friendly DIY project consisting of 49 pieces. The estimated assembly time is approximately 30 minutes. Follow the detailed pictorial instructions provided in your kit for a smooth building experience.

3.1 General Assembly Tips

- Carefully punch out all pieces from the plywood boards. Use the provided sandpaper to smooth any rough edges if necessary.
- Refer to the illustrated manual for step-by-step guidance. Each step is clearly depicted to ensure correct assembly.
- Ensure pieces fit snugly. Do not force parts together; if a piece doesn't fit, double-check the instructions and the piece orientation.

- The model is designed for assembly without glue or special tools.

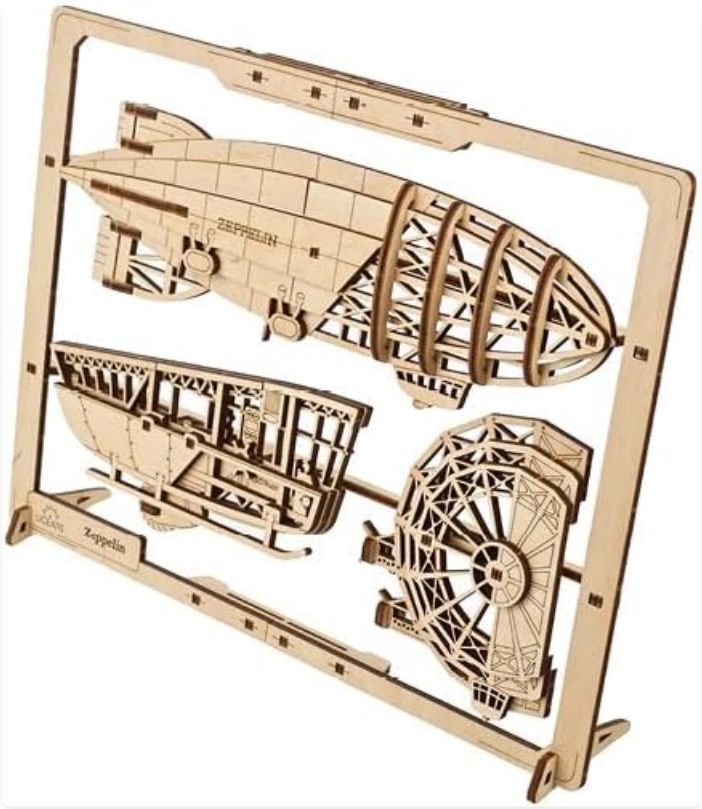

Figure 3.1: Assembly requires no glue or special tools.

3.2 Visual Assembly Guide

The following video demonstrates the assembly process and highlights key features of the Zeppelin model:

▶ **Watch video online**
Zeppelin 2.5D Puzzle 16x6 clear

Video 3.1: Assembly and display of the UGEARS 2.5D Framed Zeppelin model.

The Zeppelin model is designed to be displayed within its own frame, showcasing the aircraft in three distinct perspectives.

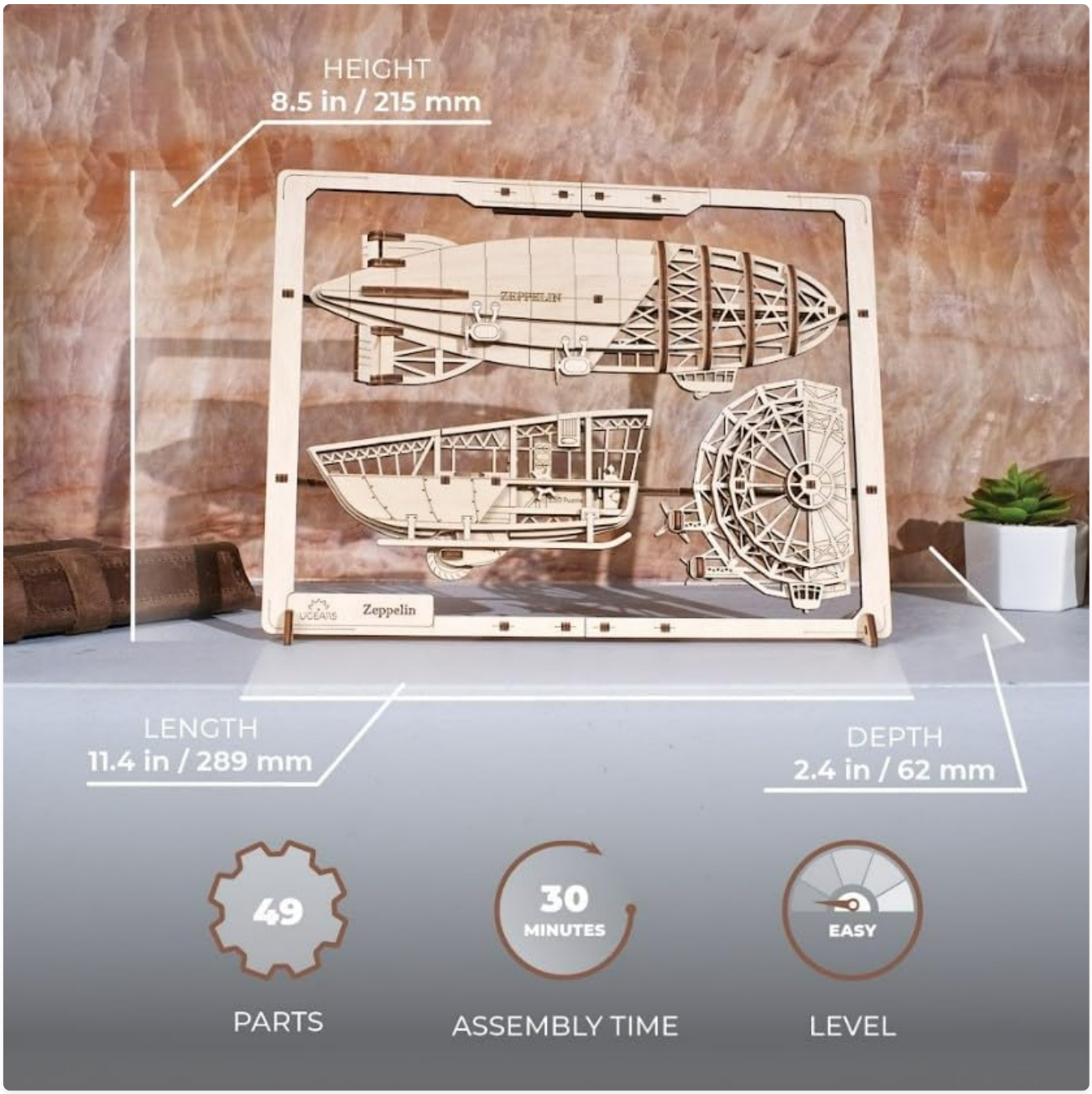

Figure 3.2: The model is presented in three perspectives.

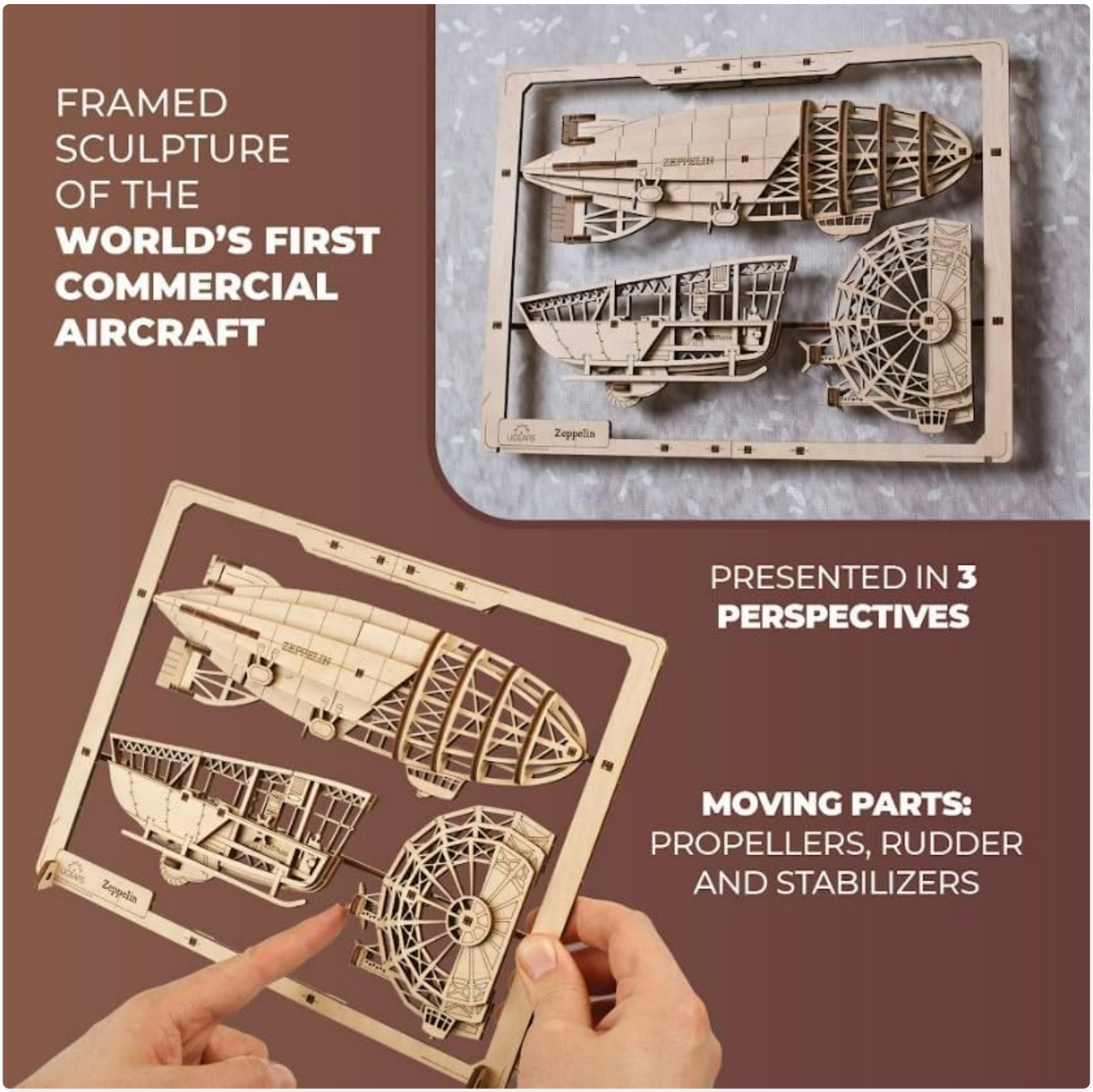

Figure 3.3: The framed sculpture of the Zeppelin.

4. Operating Features

While primarily a static display model, the UGEARS 2.5D Framed Zeppelin features interactive elements that bring the picture to life. The model includes movable propellers and stabilizers, allowing for a dynamic visual experience.

- **Propellers:** Gently rotate the propellers to observe their movement.
- **Stabilizers:** Adjust the stabilizers to different positions.



Figure 4.1: The Zeppelin model features movable parts including propellers and stabilizers.

Once assembled, the model can be displayed using the included stand or mounted on a wall using the picture mount feature of the frame.

5. Maintenance

To ensure the longevity and appearance of your UGEARS 2.5D Framed Zeppelin model, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. Avoid using water or chemical cleaners, as they can damage the wood.
- **Storage/Display:** Keep the model in a dry environment, away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause the wood to warp or crack.
- **Handling:** Handle the model with care, especially when adjusting movable parts, to prevent breakage.

6. Troubleshooting

While UGEARS models are designed for precise fit, occasional issues may arise during assembly or use. Here are some common troubleshooting tips:

- **Parts Not Fitting:** If a piece is too tight, gently sand the edges using the provided sandpaper until it fits without excessive force. If a piece is too loose, a tiny drop of wood glue (not included) can be used, but this is generally not recommended as it makes disassembly difficult.
- **Broken Pieces:** In the rare event of a broken piece, contact UGEARS customer support for assistance. Small breaks might be repairable with wood glue.
- **Movable Parts Sticking:** Ensure all connecting points are free of debris. Apply a small amount of paraffin wax (included) to moving gears or joints to reduce friction and ensure smooth operation.
- **Missing Parts:** Double-check all plywood sheets and packaging. If a part is genuinely missing, contact UGEARS customer support with details of the missing component.

7. Specifications

Feature	Detail
Product Dimensions (L x W x H)	11.38 x 8.46 x 2.44 inches
Item Weight	13 ounces
Number of Pieces	49
Estimated Assembly Time	30 minutes
Manufacturer Recommended Age	14 years and up
Model Number	1
Material	Plywood

8. Warranty and Support

For any questions regarding your UGEARS 2.5D Framed Zeppelin model, including missing parts, assembly issues, or general inquiries, please contact UGEARS customer support. While specific warranty details are not provided in this manual, UGEARS is committed to customer satisfaction.

You can find more information and contact details on the official UGEARS website or through the retailer where you purchased the product.

Visit the UGEARS Store on Amazon for additional products and support.

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