

ROKR LK503-NEW

ROKR LK503-NEW 3D Wooden Owl Clock: Assembly and Operation Manual

Model: LK503-NEW | Brand: ROKR

1. INTRODUCTION

The ROKR LK503-NEW 3D Wooden Owl Clock is a mechanical model building kit designed for enthusiasts aged 14 and above. This kit allows you to construct a functional, silent-ticking quartz clock with a vintage owl design, featuring a mechanical countdown timer and a classic pendulum mechanism. This manual provides detailed instructions for assembly, operation, maintenance, and troubleshooting to ensure a rewarding building and usage experience.



Figure 1: Fully assembled ROKR 3D Wooden Owl Clock.

2. WHAT'S IN THE BOX

Your ROKR LK503-NEW kit includes the following components:

- 161 precision laser-cut wooden puzzle pieces
- Quartz clock movement (battery not included)
- Wax for lubrication
- Sandpaper for smoothing edges
- Small accessories (e.g., screws, springs, key for winding)

- ## — All-in-one Package —



Assembly of the ROKR LK503-NEW Owl Clock requires patience and attention to detail. Follow the step-by-step illustrated instructions provided in your kit carefully. No glue is required for assembly, as all parts are designed to fit together using interlocking slots.

1. **Preparation:** Carefully detach all wooden pieces from their sheets. Use the included sandpaper to gently smooth any rough edges or burrs.
2. **Lubrication:** Apply the provided wax to the gears and moving parts as indicated in the instruction manual. This ensures smooth operation and reduces friction.

3. **Follow Illustrations:** Refer to the detailed diagrams in the manual for the correct placement and orientation of each piece. Pay close attention to the direction of gears and the alignment of interlocking components.
4. **Gentle Pressure:** Apply gentle, even pressure when connecting parts. Avoid forcing pieces, as this may cause damage.
5. **Clock Movement Installation:** Install the quartz clock movement according to the manual's instructions. Ensure the clock hands are properly aligned and secured.
6. **Pendulum Assembly:** Assemble the pendulum mechanism, ensuring it can swing freely once the clock is complete.



Figure 3: Assembly in progress, showing parts and the instruction manual.

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Video 1: Official ROKR video demonstrating the assembly process and key features of the 3D Wooden Owl Clock LK503.

4. OPERATING INSTRUCTIONS

Once assembled, your ROKR Owl Clock offers both timekeeping and a mechanical timer function.

4.1. Setting the Time (Quartz Clock)

- Locate the time-setting knob on the back of the quartz clock mechanism.
- Gently turn the knob to adjust the hour and minute hands to the correct time.

- The quartz clock operates silently and independently of the mechanical timer.

4.2. Using the Mechanical Countdown Timer

- The mechanical timer is located on the back of the owl clock.
- To set the timer, rotate the winding key (or designated part) to wind the mechanism.
- Adjust the timer dial to your desired countdown duration, up to 30 minutes.
- The classic pendulum mechanism will produce a gentle tick-tock sound as the timer counts down.



Figure 4: Rear view highlighting the mechanical countdown timer and pendulum.

5. MAINTENANCE

Proper maintenance will ensure the longevity and smooth operation of your ROKR Owl Clock.

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the wooden surfaces. Avoid using liquids or abrasive cleaners.
- **Lubrication:** Periodically reapply wax to the gears and moving parts of the mechanical timer to maintain smooth function. Refer to the assembly manual for specific points of application.
- **Battery Replacement:** The quartz clock mechanism requires a battery (type typically specified in the assembly manual, often AA or AAA). To replace the battery, you may need to partially disassemble the

clock. This usually involves reversing the final steps of the assembly process to access the battery compartment.

6. TROUBLESHOOTING

If you encounter issues with your ROKR Owl Clock, consider the following troubleshooting steps:

- **Mechanical Timer Not Working Consistently:**
 - Visually inspect all gears and moving parts for proper engagement and alignment.
 - Ensure all components are adequately waxed to reduce friction.
 - Check for any obstructions preventing smooth movement of the pendulum or gears.
- **Quartz Clock Not Keeping Accurate Time:**
 - Verify that the battery in the quartz mechanism is fresh and correctly installed.
 - Ensure the clock hands are securely attached and not rubbing against each other or the clock face.
- **Parts Not Fitting:**
 - Double-check the instruction manual to confirm the correct piece and orientation.
 - Gently sand any edges that appear too tight. Do not force pieces.

7. SPECIFICATIONS

Model Number	LK503-NEW
Product Dimensions (L x W x H)	8.11 x 5.04 x 10.43 inches
Item Weight	2.31 pounds
Number of Pieces	161
Manufacturer Recommended Age	14 years and up
Material	Wood

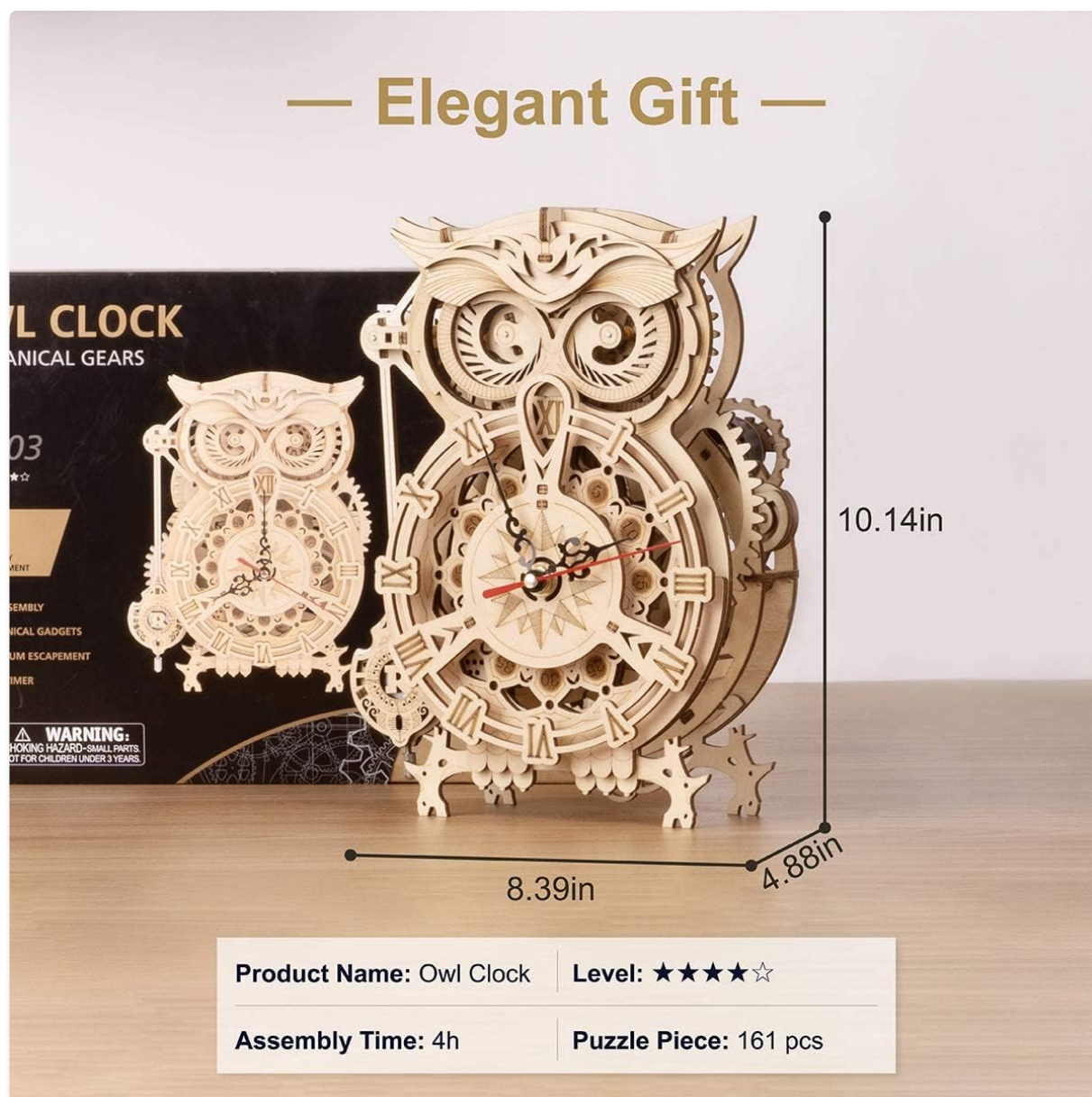


Figure 5: Dimensions of the assembled ROKR Owl Clock.

8. SAFETY INFORMATION

Please observe the following safety guidelines:

- This product contains small parts and is not suitable for children under 3 years old due to choking hazards.
- The manufacturer recommended age for assembly is 14 years and up. Adult supervision is advised for younger builders.
- Handle wooden pieces carefully to avoid splinters.
- Keep the assembled clock away from direct sunlight, excessive moisture, and extreme temperatures to prevent warping or damage to the wood.

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical assistance, please refer to the contact details provided in your product packaging or visit the official ROKR website. Please have your model number (LK503-NEW) ready when contacting support.

