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> STRUCWOOD 3D Wooden Miniature Cuckoo Clock House Kit (Model SQ-61) Instruction Manual

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Model: SQ-61

1. PRODUCT OVERVIEW

The STRUCWOOD 3D Wooden Miniature Cuckoo Clock House Kit (Model SQ-61) is a DIY wooden building set designed for adults and teens. This kit allows you to construct a detailed miniature cuckoo clock house featuring a Roman clock face, a cuckoo bird mechanism, and a 3-mode touch switch for interactive functions.



Image: Fully assembled STRUCWOOD 3D Wooden Miniature Cuckoo Clock House Kit, showcasing its intricate details and illuminated interior.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD – Small parts. Not for children under 3 years.

- Keep all small parts and tools out of reach of young children.
- Adult supervision is recommended during assembly for users under 14 years of age.
- Handle wooden pieces carefully to avoid splinters.

3. WHAT'S IN THE BOX

Your STRUCWOOD 3D Wooden Miniature Cuckoo Clock House Kit includes:

- Precision-cut wooden puzzle pieces (201 pieces)
- Assembly tools
- Detailed instruction manual
- Decorative elements

Note: Silicone liquid glue and batteries (one AA battery, three AAA batteries) **are not included** and must be prepared separately.

4. ASSEMBLY INSTRUCTIONS

Assembly of the Cuckoo Clock House Kit typically takes 3-5 hours. Follow the included detailed instruction manual for step-by-step guidance. Ensure you have adequate lighting and a clean workspace.

4.1 Preparation

- Unpack all components and verify against the parts list in your manual.
- Gather necessary external items: silicone liquid glue, one AA battery, and three AAA batteries.
- Familiarize yourself with the instruction manual's diagrams and text before beginning.

4.2 General Assembly Tips

- Carefully detach wooden pieces from their sheets. Use a craft knife or sandpaper if needed to smooth edges.
- Apply glue sparingly to ensure clean assembly and avoid excess.
- Allow sufficient drying time for glued components before proceeding to the next step.
- Pay close attention to the orientation of pieces as indicated in the manual.

PRODUCT INFORMATION



Image: Product information detailing an estimated assembly time of 3-5 hours, recommended age 14+, and 201 wooden pieces.

5. OPERATING INSTRUCTIONS

The Cuckoo Clock House Kit features a 3-mode touch switch to control its interactive elements.

5.1 3-Mode Touch Switch Operation

Locate the touch switch on the model. Its functionality is as follows:

- **Light Touch Once:** Activates lights, music, and the cuckoo bird transmission mechanism. The cuckoo bird will appear and retract with accompanying sound effects.
- **Light Touch Twice:** Lights and mechanical movements (including the cuckoo bird) continue, but the music stops.
- **Light Touch Three Times:** All movements, lights, and music cease. The clock dial will continue to rotate independently.



Image: A visual guide explaining the three modes of the touch switch: (I) Music, lighting, and mechanism operation; (II) Lighting and mechanism operation only; (III) Stop all functions except clock dial rotation.

5.2 Cuckoo Mechanism

The cuckoo bird mechanism is designed to emerge and retract from its housing, accompanied by sound effects, when activated via the touch switch. This mechanism operates independently of the clock's timekeeping function.



Image: A detailed view of the cuckoo bird emerging from its door, illustrating the transmission structure.

5.3 Clock Movement

The Roman numeral clock dial features a smoothly moving second hand, providing a visual representation of time. This movement is designed to be silent, contributing to the tranquil aesthetic of the model.



Image: A close-up of the Roman numeral clock dial, highlighting the smooth movement of the second hand.

6. MAINTENANCE

6.1 Battery Replacement

The main sound, light, and cuckoo mechanism is powered by batteries located in an accessible compartment at the bottom of the house. Replace these batteries as needed.

Important Note: The clock mechanism itself has a separate battery. Replacing this battery may require partial disassembly of the model, specifically portions of the roof and back pieces. Exercise caution to avoid damaging components during this process.

6.2 General Care

- Keep the model in a dry environment, away from direct sunlight or extreme temperature changes, to prevent warping or damage to the wooden components.
- Dust gently with a soft, dry cloth or a soft brush. Avoid using liquid cleaners.
- Ensure all connections and glued parts remain secure over time. Reapply glue if any parts become loose.

7. TROUBLESHOOTING

7.1 Assembly Difficulties

- If you encounter difficulties during assembly, carefully re-read the relevant steps in the instruction manual and review the diagrams.
- Ensure all pieces are correctly oriented and fully seated before applying glue.
- Do not force pieces together, as this may cause damage.

7.2 Functional Issues

- **Lights/Music/Cuckoo not working:** Check that batteries are correctly installed and have sufficient charge. Ensure the touch switch is being pressed correctly for the desired mode.
- **Clock mechanism not keeping accurate time:** The internal clock mechanism may not be designed for precise timekeeping. If accuracy is critical, consider this limitation.
- **Cuckoo sound not as expected:** The cuckoo sound effect is a general chirping sound and does not necessarily mimic a traditional cuckoo clock's hourly chime.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.4 x 5.1 x 8.03 inches
Item Weight	1.83 pounds
Item Model Number	SQ-61
Manufacturer Recommended Age	14 years and up
Number of Pieces	201
Power Source	Batteries (1x AA, 3x AAA - not included)

9. SUPPORT

For any problems or questions regarding the assembly of your STRUCWOOD 3D Wooden Miniature Cuckoo Clock House Kit, please contact the seller or manufacturer for assistance.