CSNRHG Mechanical Lion

CSNRHG Mechanical Lion Building Block Toy Set with Motor Instruction Manual

Model: Mechanical Lion

1. Product Overview

This manual provides detailed instructions for the assembly, operation, and maintenance of the CSNRHG Mechanical Lion Building Block Toy Set with Motor. This kit allows for the construction of a detailed mechanical lion model featuring articulated limbs, intricate gear systems, and a stable display base. The gear system can be operated manually or via the included motor.



Figure 1: Fully assembled Mechanical Lion model.



Figure 2: The Semi-Mechanical Lion model, highlighting its futuristic design.

2. Safety Information

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

- Keep all small parts away from young children to prevent choking.
- Ensure all electrical components (motor, wiring) are handled carefully and connected as per instructions to avoid damage or malfunction.
- Do not attempt to modify the electrical components or wiring.
- Adult supervision is recommended during assembly for users under the recommended age of 8 years.

3. What's in the Box

The CSNRHG Mechanical Lion Building Block Toy Set includes the following components:

- Building blocks for the Mechanical Lion model (1073+ pieces).
- Motor unit for automated movement.
- Display stand components.

- Instruction Manual (this document).

4. Assembly Instructions

Follow the step-by-step diagrams provided in the included printed instruction booklet for detailed assembly. Ensure all connections are secure to allow for proper articulation and motor function.

4.1 Model Dimensions



Figure 3: Assembled model dimensions: 29.5cm (11.6in) length, 15.5cm (6in) width, 23cm (9in) height.

4.2 Connecting the Motor

Integrate the motor unit into the designated section of the model's base during assembly. Ensure all gears align correctly for smooth operation. The motor provides power to drive the lion's limbs.

5. Operating Instructions

The Mechanical Lion model can be operated in two ways: manually or with the motor.

5.1 Manual Operation

To operate the model manually, locate the handle on the display base. Rotate this handle to engage the internal gear system, which will drive the lion's limbs in a walking motion.

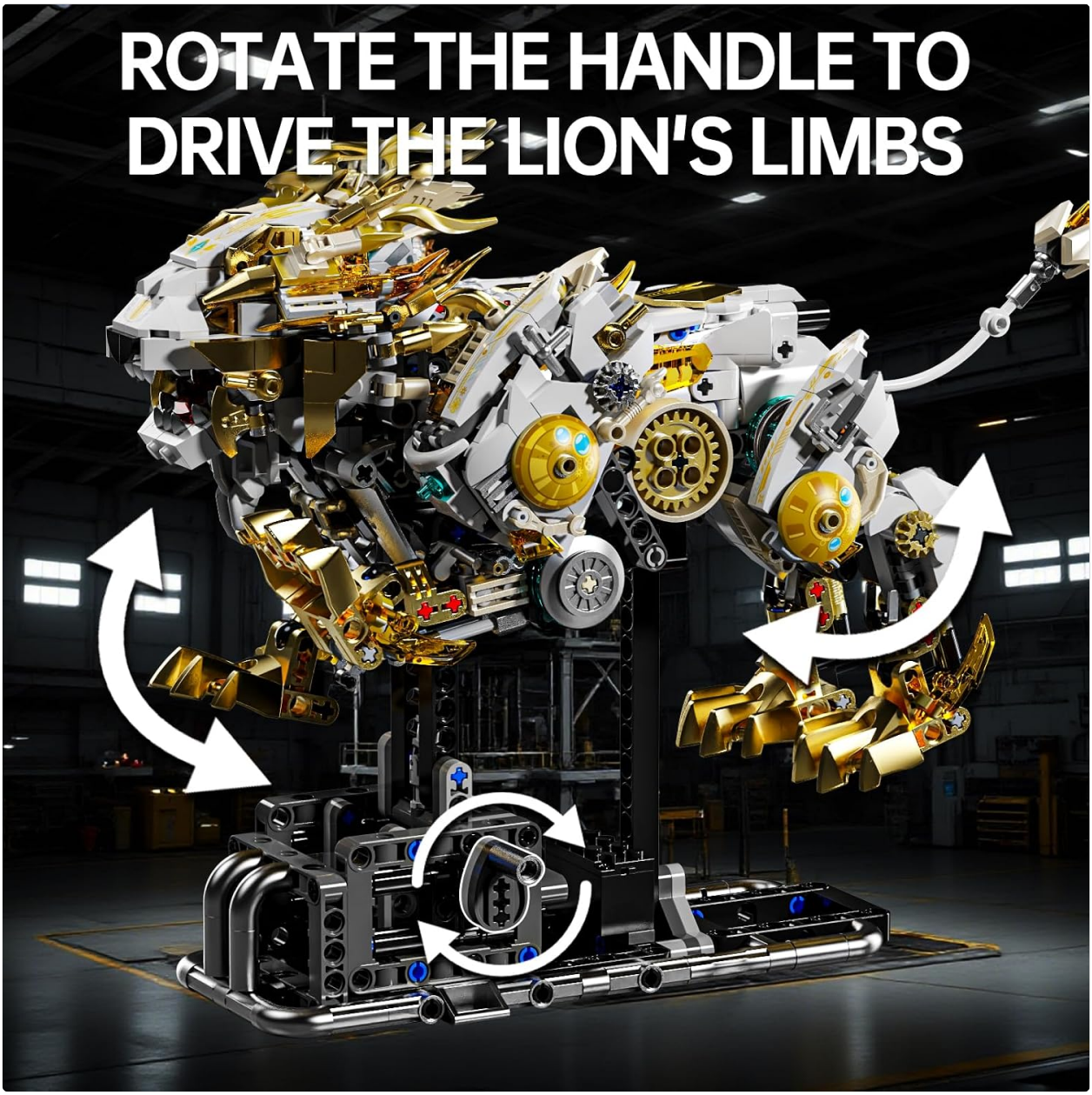


Figure 4: Rotate the handle on the base to activate limb movement.

5.2 Motorized Operation

To activate motorized movement, ensure the motor is correctly installed and connected to a power source (batteries not included, refer to the printed manual for battery type). Once powered, the motor will automatically drive the gear system, causing the lion's limbs to move. Some models may include internal lighting effects that activate with the motor.

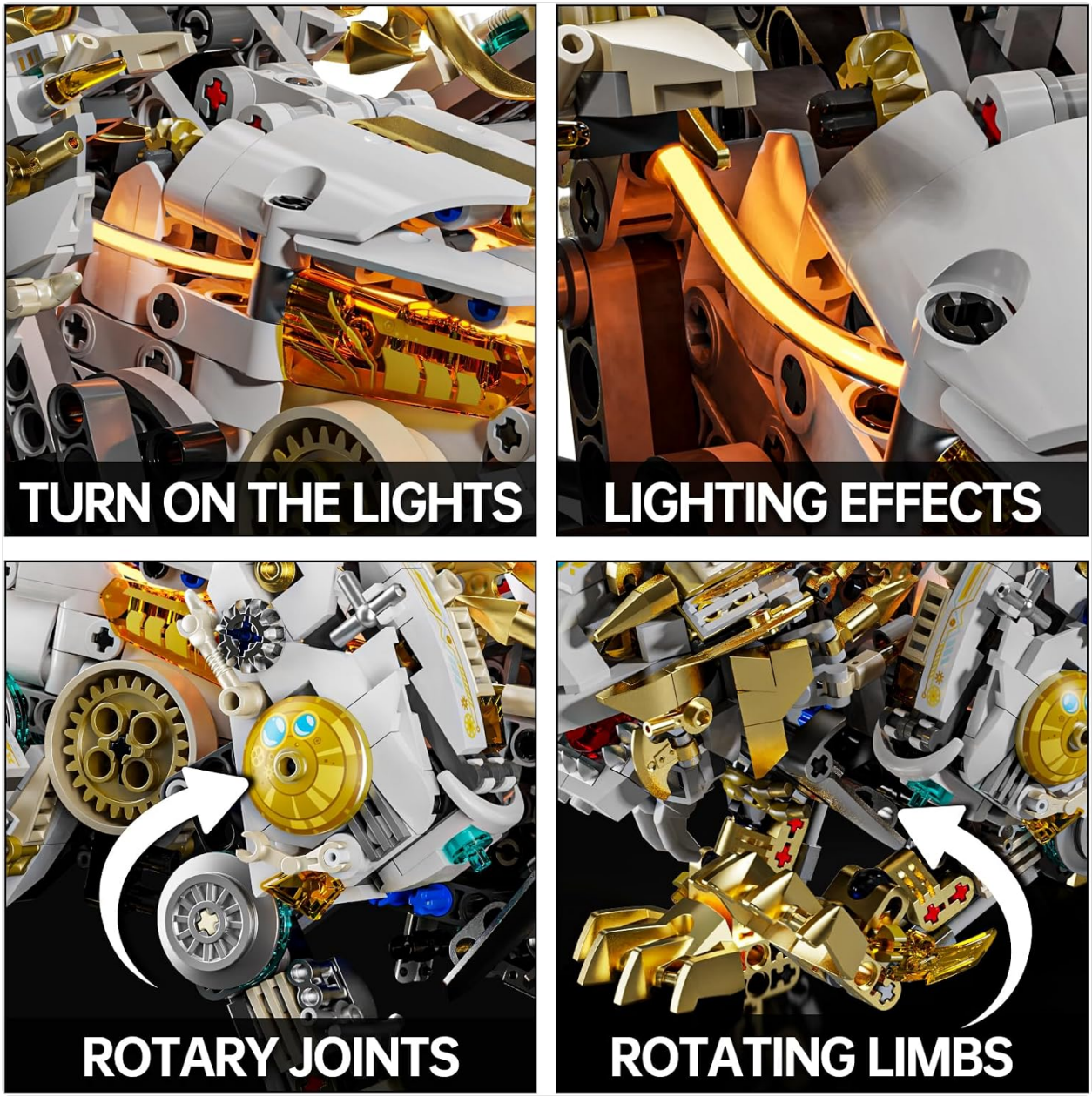


Figure 5: Details of lighting effects, rotary joints, and rotating limbs during operation.

6. Maintenance

- Keep the model clean by gently wiping with a dry, soft cloth.
- Avoid exposing the model to direct sunlight or extreme temperatures.
- Periodically check for any loose connections or parts and re-secure them if necessary.
- If using batteries for the motor, remove them if the model will not be used for an extended period to prevent leakage.

7. Troubleshooting

7.1 Motor Not Functioning

- **Check Battery Installation:** Ensure batteries are inserted correctly with the correct polarity.
- **Replace Batteries:** If batteries are old or depleted, replace them with new ones.
- **Inspect Connections:** Verify all wires from the motor to the power source are securely connected.
- **Gear Obstruction:** Check for any building blocks or debris obstructing the gears.

7.2 Limbs Not Moving Smoothly

- **Check Assembly:** Review the assembly steps to ensure all joints and gears are correctly aligned and not overly tightened.
- **Lubrication:** If necessary, a small amount of plastic-safe lubricant can be applied to moving gear parts (avoiding electrical components).

8. Specifications

Product Dimensions	11.6 x 6 x 9 inches (29.5 x 15.5 x 23 cm)
Item Weight	1.3 pounds (0.59 kg)
Recommended Age	8 years and up
Manufacturer	Jieyang Cansen Trading Co., Ltd.

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or the official CSNRHG website. Keep your purchase receipt as proof of purchase.