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Lisciani SCIENZA HI TECH_65875

Lisciani LED Quad Construction Kit Instruction Manual

MODEL: SCIENZA HI TECH_65875

Brand: Lisciani

Product Overview

This manual provides detailed instructions for assembling and operating the Lisciani LED Quad construction kit. This innovative building set allows you to construct a vehicle with integrated LED lights, offering an engaging experience for young engineers.



Image: The product box for the Lisciani LED Quad construction kit, showing the assembled quad and various alternative models that can be built.

Key Features:

- **10-in-1 Construction:** Build 10 different mechanical machines from the same set of components.
- **Integrated LED Light:** Equip your quad with a functional LED light for enhanced play.
- **108 Pieces:** A comprehensive set of 108 pieces for detailed assembly.
- **Educational Value:** Designed to encourage discovery and experimentation, inspired by STEM principles.

Safety Warnings

WARNING: This product contains small elements that can be ingested or inhaled. Not suitable for children under 3 years due to choking hazard. Please keep this manual for future reference.

Recommended age for use: 8 years and up.

Setup and Assembly

Follow these steps to assemble your Lisciani LED Quad. Refer to the included diagrams (not shown here, but typically found in the physical manual) for detailed visual guidance.



Image: A visual representation of the 108 pieces included in the Lisciani LED Quad kit, alongside the partially assembled and fully assembled quad, and a puzzle image.

1. **Unpack Components:** Carefully open the packaging and lay out all 108 pieces. Verify that all components are present according to the parts list (if provided in the physical manual).
2. **Identify Parts:** Familiarize yourself with the different types of bricks, connectors, wheels, and the LED unit.
3. **Follow Assembly Steps:** Begin assembly by connecting the base frame components as indicated in the step-by-step instructions. Ensure each connection is firm and secure.
4. **Install Wheels:** Attach the wheels to the designated axles, ensuring they spin freely.
5. **Integrate LED Unit:** Carefully place the LED unit into its designated housing. Ensure any wires or connectors are properly routed and secured. *Note: Batteries for the LED unit are not included and must be purchased separately if*

required for operation.

6. **Complete Structure:** Continue building the body and other features of the quad, following the numerical sequence of the instructions.
7. **Final Check:** Once assembled, inspect the entire structure to ensure all parts are correctly attached and the quad is stable.



Image: A detailed view of the fully assembled Lisciani LED Quad, showcasing its design and components.

Operating Instructions

The primary operational feature of this kit is the integrated LED light. Follow these steps to activate and use the LED.

1. **Battery Installation (if applicable):** If your LED unit requires batteries, locate the battery compartment (usually on the LED unit itself or a connected power pack). Insert the required batteries (e.g., AAA, not included) observing the correct polarity (+/-). Close the compartment securely.
2. **Activate LED:** Locate the switch or button on the LED unit or the quad's frame. Press or slide it to the "ON" position to illuminate the LED light.
3. **Deactivate LED:** To turn off the LED, press or slide the switch to the "OFF" position.
4. **Explore Other Models:** This kit allows for 10 different constructions. Refer to the included instruction booklet for diagrams and steps to build the other models.

Maintenance

Proper care will ensure the longevity of your Lisciani LED Quad.

- **Cleaning:** Wipe the assembled model and individual pieces with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the kit and its components in a cool, dry place away from direct sunlight and extreme temperatures. Keep small parts in a designated container to prevent loss.
- **Disassembly:** If disassembling the model, do so carefully to avoid damaging the connection points of the bricks.
- **Battery Care (if applicable):** If batteries are used for the LED, remove them if the product will not be used for an extended period to prevent leakage.

Troubleshooting

If you encounter any issues with your Lisciani LED Quad, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
LED light does not turn on.	Batteries are dead or incorrectly installed (if applicable). LED unit not properly connected. Switch is in the OFF position.	Replace batteries or ensure correct polarity. Check all connections to the LED unit. Ensure the switch is set to ON.
Pieces do not fit together.	Incorrect piece being used. Piece is oriented incorrectly. Debris in connection points.	Refer to the instruction diagrams to confirm the correct piece. Rotate the piece to the correct orientation. Clear any dust or debris from the connection points.
Model is unstable after assembly.	Connections are not secure. A piece is missing or misplaced.	Go back through the assembly steps and ensure all connections are firmly pressed together. Verify all pieces are present and in their correct positions.

Specifications

Product Dimensions (L x W x H)	33.5 x 6 x 25 cm
Product Weight	440 grams
Recommended Age	8 years and up
Educational Value	Discover, Experiment
Language	Multilingual (Instructions in physical manual)



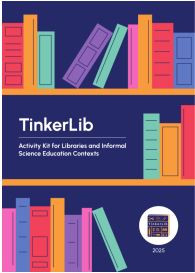
Manufacturer Reference	SCIENZA HI TECH_65875
Number of Pieces	108
Main Material	PVC
Batteries Required	No (for the kit itself, but may be required for LED unit, not included)
Batteries Included	No



Warranty and Support

Information regarding product warranty and customer support contact details is not available in the provided data for this manual. Please refer to the product packaging or the manufacturer's official website for specific warranty terms and support options.

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