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LIGIANT N9

LIGIANT N9 Ride-On Excavator User Manual

Model: N9

1. INTRODUCTION

Thank you for choosing the LIGIANT N9 Ride-On Excavator. This manual provides essential information for the safe assembly, operation, and maintenance of your new ride-on toy. Please read this manual thoroughly before use and retain it for future reference. This product is designed for children aged 3-8 years, with a maximum weight limit of 30kg (66 lbs).

2. SAFETY GUIDELINES

WARNING: Failure to follow these safety instructions may result in serious injury.

- Adult supervision is required at all times.
- Ensure the child wears a safety belt during operation.
- Do not operate near stairs, steep inclines, public roads, or swimming pools.
- Keep hands, hair, and clothing away from moving parts.
- Only use the provided charger and battery. Do not attempt to modify the electrical system.
- Maximum speed is 2.5 MPH.
- Ensure the vehicle is fully charged before each use.
- The remote control features soft start/stop functions and an emergency brake for parental control.

2.4GHZ PARENTAL REMOTE CONTROL



Image: A child seated in the LIGIANT N9 Ride-On Excavator, with a parent holding the 2.4GHz remote control in the foreground. This illustrates the parental control feature for enhanced safety.

3. PACKAGE CONTENTS

Please verify that all components are present before beginning assembly:

- LIGIANT N9 Ride-On Excavator (main body and parts requiring installation)
- User Manual (this document)
- Additional Spare Parts
- 2.4GHZ Parent Remote Control
- Car Battery Charger

4. ASSEMBLY INSTRUCTIONS

Assembly of the LIGIANT N9 Ride-On Excavator is required. While specific step-by-step diagrams are not provided in this manual, the process is designed to be straightforward and typically takes less than an hour. Please follow the detailed instructions included in the separate assembly guide that accompanies your product.

General Assembly Steps (Refer to separate guide for details):

1. Unpack all components and verify against the package contents list.

2. Attach the wheels to the main chassis.
3. Install the seat and backrest.
4. Connect the digging arm assembly to the main body.
5. Connect all necessary electrical wiring as indicated in the assembly guide.
6. Secure all screws and fasteners.
7. Perform an initial charge of the battery before first use.



Image: The LIGIANT N9 Ride-On Excavator in its fully assembled state, ready for use.

5. OPERATING INSTRUCTIONS

5.1. Driving the Excavator

- **Power On:** Locate the power button (usually on the dashboard) and press it to turn on the vehicle.
- **Manual Operation:** The excavator features two speed settings in manual mode. Use the foot pedal for acceleration and the steering wheel for direction.
- **Remote Control Operation:** Parents can use the 2.4GHz remote control to steer, move forward/backward, and adjust speed (six settings available). The remote also has soft start/stop and an emergency brake function.
- **All-Terrain Capability:** The 4-wheel drive system allows the excavator to operate on various surfaces including sand, grass, and flat ground.

FOUR-WHEEL DRIVE SYSTEM WITH 75W MOTOR

EASILY OVERCOME VARIOUS TERRAINS



Image: The LIGIANT N9 Ride-On Excavator demonstrating its ability to traverse different terrains such as asphalt, dirt, grass, and sand, highlighting its 4-wheel drive system.

5.2. Operating the Electric Digging Arm

The fully electric digging arm is controlled by two 25W motors, mimicking the movements of a real excavator. Use the joysticks located near the seat to control the arm's movements (up, down, scoop, dump).



Image: A close-up view of the LIGIANT N9 Ride-On Excavator's control panel, showing the joysticks for operating the fully electric digging arm, positioned above a sandy surface.

5.3. Audio Entertainment System

The excavator is equipped with an audio system for enhanced play:

- **Bluetooth Connectivity:** Pair your device via Bluetooth to stream music.
- **Built-in Features:** Includes pre-loaded tunes, storytelling, and a lullaby mode.
- **AUX Input:** A 3.5mm AUX input is available for connecting external audio devices.

DIG, PLAY, GROOVE MUSIC IN EVERY SCOOP!



Bluetooth



Storytelling



3.5mm AUX



Default Music

Image: A child happily seated in the LIGIANT N9 Ride-On Excavator, with musical notes floating around, illustrating the audio entertainment system features like Bluetooth, storytelling, and built-in music.

5.4. Battery Charging

- The excavator uses a 12V 10AH battery, providing approximately 60 minutes of playtime on a full charge.
- Connect the provided charger to the charging port on the vehicle and then to a standard wall outlet.
- An indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).
- Do not overcharge the battery. Refer to the charger's instructions for specific charging times.
- A battery level indicator is present on the vehicle's dashboard.



Image: The LIGIANT N9 Ride-On Excavator with visual indicators for maximum speed (2.5 MPH), two-speed selection, and maximum playtime (60 minutes), alongside a prominent 12V 10AH battery graphic.

6. MAINTENANCE

- **Cleaning:** Wipe the vehicle with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Avoid spraying water directly onto electrical components.
- **Battery Care:** Store the battery in a cool, dry place. If not used for extended periods, charge the battery at least once a month to prolong its lifespan.
- **Storage:** Store the excavator indoors in a dry environment when not in use.
- **Inspections:** Regularly check all screws, nuts, and connections to ensure they are secure. Inspect tires for wear and tear.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not move.	Battery is low or not connected. Power switch is off. Loose wiring.	Charge the battery. Ensure battery connectors are secure. Turn on the power switch. Check all wiring connections.

Problem	Possible Cause	Solution
Digging arm not functioning.	Loose wiring to arm motors. Damaged motor/switch.	Check wiring connections to the digging arm. If problem persists, contact customer service.
Remote control not working.	Remote batteries are dead. Not paired correctly.	Replace remote control batteries. Refer to the remote control pairing instructions in the assembly guide.
Short playtime.	Battery not fully charged. Old battery.	Ensure battery is fully charged before use. Consider replacing the battery if it's old and capacity has diminished.

8. PRODUCT SPECIFICATIONS

- **Model:** N9
- **Brand:** LIGIANT
- **Product Dimensions:** 58.66 x 32.28 x 29.65 inches
- **Item Weight:** 55.9 pounds
- **Motor:** 4x75W (4-wheel drive), 2x25W (digging arm)
- **Battery:** 12V 10AH
- **Recommended Age:** 36 months - 8 years
- **Maximum Weight Capacity:** 30kg (66 lbs)
- **Maximum Speed:** 2.5 MPH
- **Playtime:** Approximately 60 minutes (on full charge)

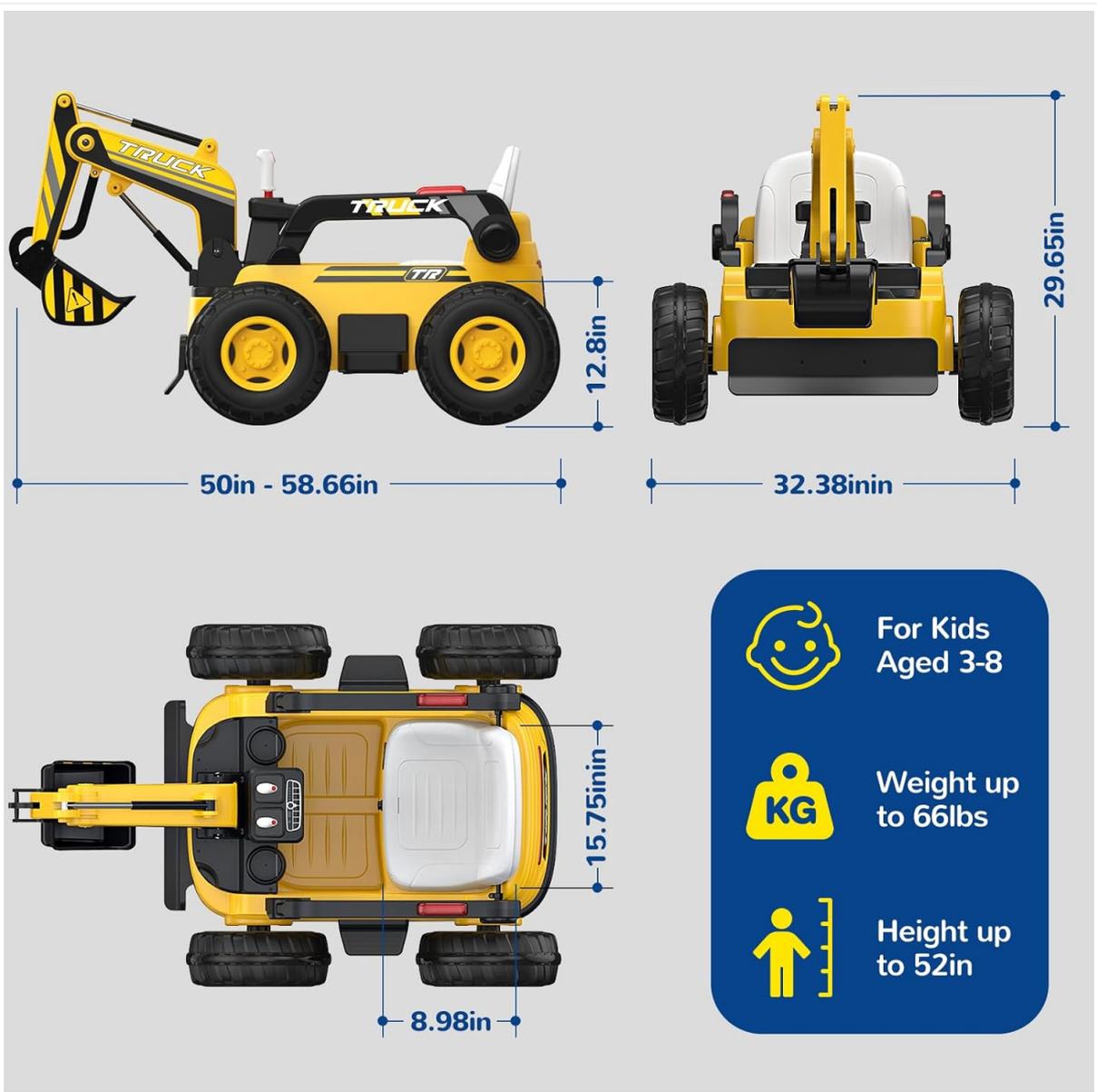


Image: A technical diagram illustrating the dimensions of the LIGIANT N9 Ride-On Excavator, along with icons indicating suitability for kids aged 3-8, a weight limit of up to 66 lbs, and a height limit of up to 52 inches.

9. CUSTOMER SUPPORT

For any questions, concerns, or assistance with your LIGIANT N9 Ride-On Excavator, please contact our customer service team. We offer responsive 24-hour customer service to ensure your satisfaction. Please refer to your purchase documentation or the LIGIANT brand store for contact information.

LIGIANT Brand Store: [Visit the LIGIANT Store on Amazon](#)