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RCB R12

RCB R12 Electric Scooter for Kids - Instruction Manual

Model: R12

Safety Guidelines What's Included Setup & Assembly Operation Maintenance Troubleshooting Specifications Warranty & Support

Introduction

Thank you for choosing the RCB R12 Electric Scooter. This manual provides essential information for the safe operation, assembly, and maintenance of your scooter. Please read it thoroughly before first use and keep it for future reference. This scooter is designed for children aged 6-12 years.

Safety Guidelines

Your safety and the safety of others are paramount. Always follow these guidelines when operating the RCB R12 Electric Scooter:

- **Protective Gear:** Always wear a helmet, knee pads, and elbow pads when riding.
- **Age and Weight Limit:** This scooter is suitable for children aged 6-12 years with a maximum weight of 50 kg (110 lbs). Do not exceed this limit.
- **Supervision:** Young children should always be supervised by an adult while riding.
- **Environment:** Ride on smooth, dry surfaces away from traffic, pedestrians, and obstacles. Avoid riding in wet conditions, on uneven terrain, or at night.
- **Pre-Ride Check:** Before each ride, ensure the brakes are functioning correctly, tires are in good condition, and all fasteners are tight.
- **Braking:** Familiarize yourself with both the electronic and mechanical foot brakes. Practice stopping safely at different speeds.
- **Awareness:** Be aware of your surroundings and other people. Maintain a safe distance from others.
- **Modifications:** Do not modify the scooter. Any modifications can compromise safety and void the warranty.
- **Charging:** Only use the provided charger. Do not overcharge the battery.

What's Included

Upon opening the package, please verify that all components are present:

- RCB R12 Electric Scooter x 1
- Charger x 1
- User Manual x 1



Image: Overview of the RCB R12 Electric Scooter in different colors, highlighting its main features and suitable age range.

Setup & Assembly

The RCB R12 Electric Scooter comes mostly pre-assembled. Follow these steps to complete the setup:

1. **Unfolding the Scooter:** Carefully lift the handlebar stem until it locks into place. Ensure the folding mechanism is securely engaged.
2. **Handlebar Adjustment:** Adjust the handlebar height to a comfortable level for the rider. Ensure the quick-release clamp is tightened securely after adjustment.

3. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and plug it into a power outlet. The indicator light on the charger will change (e.g., from red to green) when fully charged. This typically takes about 3 hours.



Image: Folded and unfolded dimensions of the scooter, illustrating its compact storage and transport capabilities.

Operation

Getting Started

1. **Power On:** Press the power button on the handlebar to turn on the scooter. The LED display will illuminate.
2. **Kick Start:** Place one foot on the scooter deck and push off with the other foot to gain an initial speed of at least 3 km/h (1.9 mph). The motor will not engage until this speed is reached for safety.
3. **Acceleration:** Once moving, place both feet on the deck and gently press the accelerator lever (typically on the right handlebar) to engage the motor and increase speed.
4. **Braking:** To slow down or stop, use the electronic brake lever (typically on the left handlebar) or press down on the rear fender with your foot for mechanical braking.



Image: Step-by-step guide on how to start and stop the electric scooter.

Speed Modes

The scooter features three speed modes for different riding experiences:

- **ECO Mode:** Approximately 5 km/h (3.1 mph) - Ideal for beginners or crowded areas.
- **D Mode:** Approximately 10 km/h (6.2 mph) - Standard riding speed.
- **S Mode:** Approximately 15 km/h (9.3 mph) - Maximum speed for experienced riders.

To switch between modes, refer to the instructions on the LED display or consult the quick start guide. The current mode will be indicated on the LED screen.



Image: Illustration of the three speed modes available on the scooter.

LED Display and Lights

The integrated LED display shows important information such as battery level, current speed, and active speed mode. The scooter also features dynamic LED lights on the front, stem, and footboard for enhanced visibility and a fun riding experience. Double-press the power button to turn the lights on or off.

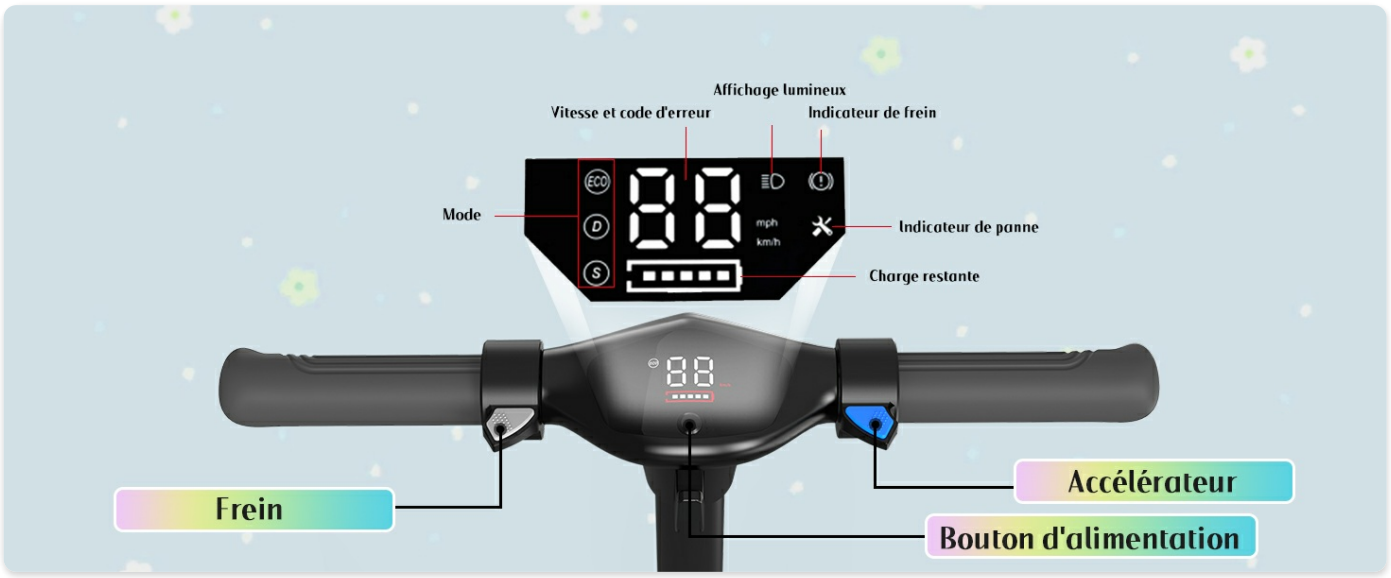


Image: Detailed view of the LED display and controls on the handlebar.

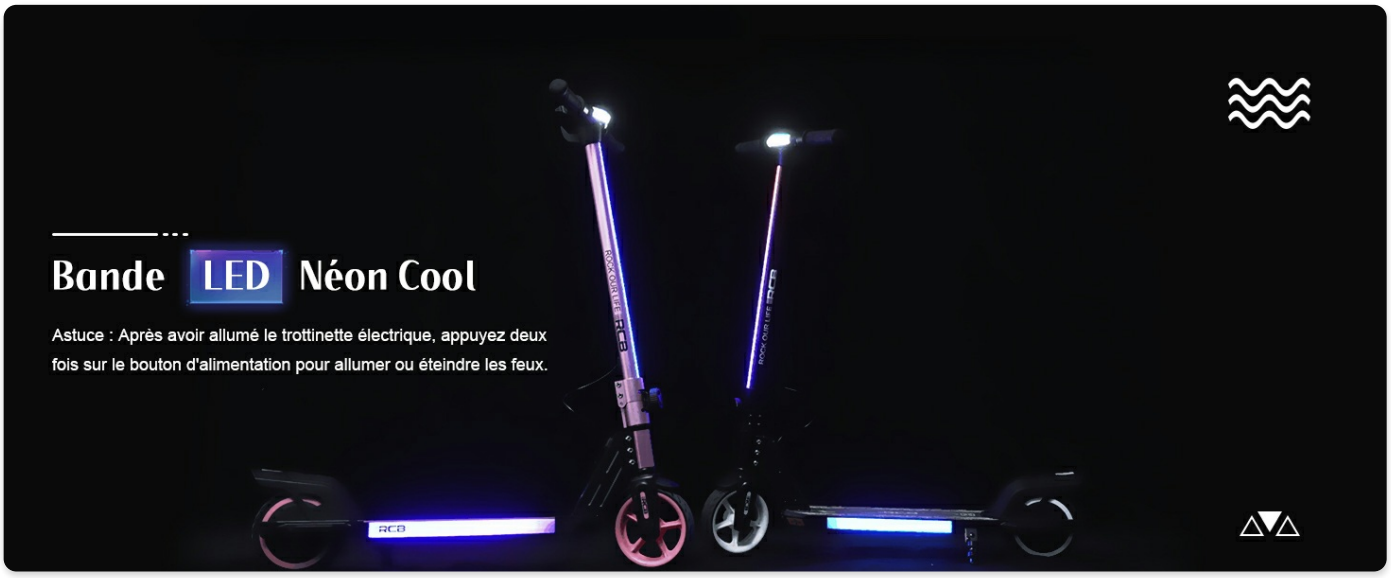


Image: The scooter's dynamic LED lighting system.

Maintenance

Regular maintenance ensures the longevity and safe operation of your RCB R12 Electric Scooter.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use harsh chemicals or spray water directly onto electrical components.
- **Battery Care:**
  - Charge the battery fully before first use.
  - Do not allow the battery to fully discharge. Charge it regularly, even if not in use for extended periods (at least once a month).
  - Only use the original charger provided.
  - Avoid exposing the battery to extreme temperatures.
- **Brakes:** Regularly check the functionality of both the electronic and mechanical brakes. Ensure they respond promptly.
- **Tires:** The 6.5-inch solid rubber tires are puncture-resistant but should be inspected for wear and tear.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight.
- **Storage:** Store the scooter in a dry, cool place away from direct sunlight and moisture.

Troubleshooting

If you encounter issues with your RCB R12 Electric Scooter, refer to this section:

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; Power button not pressed correctly.	Charge the battery; Ensure the power button is pressed firmly.
Motor does not engage.	Scooter not kick-started to 3 km/h; Accelerator not pressed.	Kick-start the scooter to the required speed; Press the accelerator.

Problem	Possible Cause	Solution
Reduced range or speed.	Low battery; Overload (exceeding 50 kg); Riding uphill or against strong wind.	Fully charge the battery; Ensure rider weight is within limits; Adjust riding conditions.
Brakes feel weak.	Brake mechanism wear; Adjustment needed.	Inspect brake components; Contact customer support if adjustment is required.
LED lights not working.	Lights turned off; Electrical connection issue.	Double-press the power button to activate lights; If issue persists, contact support.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact RCB customer support.

SPECIFICATIONS

Feature	Detail
Brand	RCB
Model Name	R12
Color	AA Black
Motor Power	130 W
Battery	2.6 Ah (25.2V)
Max Speed	15 km/h (9.3 mph)
Max Range	6-10 km (3.7-6.2 miles)
Charge Time	Approx. 3 hours
Max Load / Weight Limit	50 kg (110 lbs)
Item Weight	6.5 kg (14.3 lbs)
Wheel Size	6.5 inches
Wheel Material	Solid Rubber
Frame Material	Aluminum
Brake Type	Electronic + Mechanical (Foot Brake)
Handlebar Type	Adjustable
Handle Height	94 cm
Product Dimensions (Unfolded)	80L x 40W x 94H cm
Product Dimensions (Folded)	80L x 40W x 36.5H cm
Recommended Age	6-12 years
Special Features	Dual Brakes, Colored LED Lights, Foldable, LED Display



Image: Key performance specifications of the RCB R12 Electric Scooter.

Warranty & Support

Warranty Information

The RCB R12 Electric Scooter comes with a**Limited Warranty**. Please refer to the warranty card included in your package or contact RCB customer support for detailed terms and conditions. The warranty typically covers manufacturing defects under normal use.
Note: Damage caused by improper use, lack of maintenance, accidents, or unauthorized modifications is not covered by the warranty.

Customer Support

If you have any questions, require technical assistance, or need to claim warranty service, please contact your retailer or the manufacturer directly. Contact information can usually be found on the product packaging or the official RCB website.

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