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RCB R11

RCB R11 Electric Scooter for Kids 6-12 Years: User Manual

Model: R11

1. Important Safety Information

Read this entire manual before operating the RCB R11 Electric Scooter. Failure to follow instructions and safety warnings may result in serious injury or property damage. Keep this manual for future reference.

- **Age Recommendation:** Suitable for children aged 6-12 years.
- **Weight Limit:** Maximum load capacity is 50 kg (110 lbs).
- **Protective Gear:** Always wear a helmet, knee pads, and elbow pads when riding.
- **Supervision:** Children should always be supervised by an adult while riding.
- **Riding Conditions:** Ride on smooth, dry surfaces away from traffic. Avoid riding in wet conditions, on uneven terrain, or at night without proper lighting.
- **Braking:** Familiarize yourself with both the electronic and rear fender brakes.
- **Battery Safety:** Do not attempt to modify the battery or charging system. Use only the provided charger.

WARNING: Electric scooters are not toys. They require skill and caution to operate safely. Always prioritize safety.

2. Package Contents

Verify that all items are present in the box:

- RCB R11 Electric Scooter
- Charger
- Assembly Tools (e.g., Allen wrench)
- User Manual

3. Product Overview

The RCB R11 Electric Scooter features a durable aluminum frame, adjustable handlebar, LED display, and colorful LED lights for enhanced visibility and fun.



Image: Overview of the RCB R11 Electric Scooter, highlighting its colorful pedals and integrated LED display.



Image: The RCB R11 Electric Scooter, emphasizing its 150W motor and maximum speed of 16 km/h.

Key Features:

- 150W Motor
- Max Speed: 16 km/h
- Rainbow LED Lights

- Foldable Design
- LED Display (Battery level, speed, light status)
- Adjustable Handlebar Height (3 levels: 85.5cm, 91.5cm, 97.5cm)
- Dual Braking System (Electronic and Rear Fender Brake)
- Solid 7-inch front and 6-inch rear tires

4. Setup and Assembly

The scooter comes partially assembled. Follow these steps to complete the setup:

1. **Unpack:** Carefully remove the scooter and all components from the packaging.
2. **Attach Handlebar:** Insert the handlebar stem into the main shaft until it clicks into place. Secure it using the provided screws and tools. Ensure it is firmly attached and does not wobble.
3. **Adjust Handlebar Height:** The handlebar has 3 adjustable height levels. Press the quick-release lever or button on the stem and slide the handlebar to the desired height (85.5cm, 91.5cm, or 97.5cm). Ensure the lever is securely locked after adjustment.
4. **Initial Charge:** Before first use, fully charge the scooter's battery. Refer to the "Charging" section for details.



Image: Illustration showing the three adjustable height settings for the handlebar (85.5cm, 91.5cm, 97.5cm) to accommodate growing children.



Image: Visual representation of the three adjustable height levels for the scooter's handlebar, allowing it to adapt to different rider heights.

5. Operating Instructions

Power On/Off:

- To turn on, press and hold the power button on the LED display for 3 seconds.
- To turn off, press and hold the power button for 3 seconds.

Starting the Scooter (Non-Zero Start):

The scooter features a non-zero start mechanism for safety. It will not accelerate from a standstill by throttle alone.

1. Place one foot firmly on the scooter deck.
2. Use your other foot to kick-push the scooter forward until it reaches a speed of approximately 3 km/h (1.9 mph).
3. Once moving, press the electric throttle lever to engage the motor and accelerate.
4. Place both feet on the deck once the scooter is moving steadily.



Image: Step-by-step guide on how to start and ride the electric scooter, including kick-start and throttle engagement.



Image: A three-step illustration demonstrating how to start the scooter by kick-pushing and how to stop using the rear fender brake.

Speed Modes:

The scooter has 2 speed modes:

- **Mode E (Eco):** Max 10 km/h (6.2 mph) - Ideal for beginners or crowded areas.
- **Mode S (Sport):** Max 16 km/h (9.9 mph) - For experienced riders in open spaces.

To switch between speed modes, briefly press the power button while the scooter is on. The LED display will indicate the current mode.

Braking:

The RCB R11 is equipped with a dual braking system:

- **Electronic Brake:** Located on the handlebar. Squeeze the lever to activate.
- **Rear Fender Brake:** Press down on the rear fender with your foot to activate the mechanical brake.

Always apply brakes gently and gradually to avoid sudden stops and loss of balance.



Image: Depiction of the scooter's dual braking system, showing both the electronic handlebar brake and the mechanical rear fender brake.

LED Display and Controls:

The handlebar features an integrated LED display and control buttons:

- **LED Display:** Shows battery level, current speed, and light status.
- **Power Button:** Turns the scooter on/off and switches speed modes.
- **Light Button:** Activates and changes the color of the rainbow LED lights.
- **Throttle Lever:** Accelerates the scooter.



Image: Close-up of the scooter's handlebar, showing the LED display, light button, power button, and throttle lever.



Image: Detailed view of the handlebar controls, with labels indicating the display, light button, power button, and accelerator.

Rainbow LED Lights:

The scooter features colorful LED lights on the deck for a fun riding experience and increased visibility. Press the dedicated light button on the handlebar to cycle through different light modes or turn them off.



Image: The scooter illuminated with its colorful LED strip lights, showcasing various light modes.

6. Folding and Storage

The RCB R11 Electric Scooter is designed to be lightweight and foldable for easy transport and storage.

1. **Turn Off:** Ensure the scooter is powered off before folding.
2. **Flip Down Folding Pedal:** Locate the folding mechanism near the base of the handlebar stem. Flip down the folding pedal.
3. **Fold Stem:** Gently push the handlebar stem downwards until the folding hook locks securely into the rear fender brake.
4. **Verify Lock:** Lift the stem slightly to ensure it is securely folded and locked in place.



Image: Visual guide for the one-step folding process, showing the scooter being folded and locked.



Image: The scooter in its folded state, highlighting its compact size (79.5 x 38 x 36 cm) and lightweight design (6.5 kg) for easy portability.



Image: A person holding the folded scooter, demonstrating its lightweight and portable nature, with an illustration of the folding action.

7. Charging

To charge the scooter:

1. Ensure the scooter is turned off.

2. Locate the charging port, usually near the battery compartment on the deck.
3. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
4. The indicator light on the charger will typically show red during charging and turn green when fully charged.
5. Charging time is approximately 5 hours for a full charge.
6. Disconnect the charger once charging is complete. Do not overcharge.

8. Maintenance

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe the scooter with a damp cloth after use. Do not use harsh chemicals or spray water directly onto electrical components.
- **Brakes:** Regularly check the functionality of both the electronic and rear fender brakes. Ensure they respond promptly.
- **Tires:** The scooter uses solid tires, which do not require inflation. Inspect them periodically for wear or damage.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight. Tighten any loose fasteners.
- **Battery:** Store the scooter in a cool, dry place. If storing for an extended period, charge the battery to about 50-70% every 2-3 months to maintain battery health.

9. Troubleshooting

If you encounter issues with your RCB R11 Electric Scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Power button not pressed correctly; Loose connection	Charge the battery; Press and hold the power button for 3 seconds; Check all visible connections.
Scooter does not accelerate	Non-zero start not initiated; Throttle issue; Low battery	Kick-push to 3 km/h before pressing throttle; Ensure throttle is not stuck; Charge the battery.
Brakes are not effective	Brake mechanism issue; Worn components	Inspect brake levers and fender brake for obstructions; Contact customer support if issue persists.
LED lights not working	Light button not pressed; Electrical fault	Press the light button to cycle modes; Ensure scooter is on; Contact customer support.

If the problem persists after attempting these solutions, please contact RCB customer support.

10. Specifications

Feature	Detail
Model Name	R11 Kids
Motor Power	150W
Max Speed	16 km/h (10 mph)

Feature	Detail
Max Range	Approx. 8 km (5 miles)
Battery	25.2V, 2.5Ah
Charging Time	5 Hours
Max Load	50 kg (110 lbs)
Product Dimensions (Unfolded)	85.5 cm (L) x 38 cm (W) x 94.5 cm (H)
Folded Dimensions	79.5 cm (L) x 38 cm (W) x 36 cm (H)
Net Weight	6.5 kg (14.3 lbs)
Frame Material	Aluminum
Wheel Material	Polyurethane
Tire Type	Solid
Handlebar Type	Adjustable
Brake Type	Rear Brake (Electronic + Mechanical Fender)



Image: Visual summary of key specifications: 2.5Ah Battery, 150W Motor, and approximately 8 km typical range.

11. Warranty and Support

The RCB R11 Electric Scooter comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions.

- **Warranty Type:** Limited
- **Contact Support:** For any questions, missing parts, or technical assistance, please contact RCB customer support through the retailer where you purchased the product.
- **Replacement Parts:** If accessories are damaged or lost, contact customer support directly for assistance with obtaining replacements.

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