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RCB R15

RCB R15 Electric Scooter for Kids (8-16 Years) - Instruction Manual

Model: R15 | Brand: RCB

Introduction

Thank you for choosing the RCB R15 Electric Scooter. This manual provides important information for the safe assembly, operation, and maintenance of your scooter. Please read it thoroughly before first use and keep it for future reference. The RCB R15 is designed for children and teenagers aged 8 to 16, offering a fun and efficient way to travel with a focus on safety and durability.

Safety Information

Your safety is paramount. Always follow these guidelines to prevent accidents and injuries:

- Always wear a helmet and appropriate protective gear, including knee pads and elbow pads, when riding the scooter.
- Adult supervision is recommended, especially for younger riders.
- Do not ride in traffic, on busy roads, or in areas with pedestrians. Use designated safe riding areas.
- Ensure the scooter is fully charged and all components are securely fastened before each ride.
- The scooter features a **zero-start function**: the motor will only engage once the scooter reaches a speed of 5 km/h (3.1 mph) by kicking off. This prevents accidental acceleration from a standstill.
- Avoid riding in wet conditions, on uneven surfaces, or over obstacles.
- Do not exceed the maximum weight limit of 80 kg (176 lbs).
- Familiarize yourself with both the electronic and mechanical braking systems before riding.



Image: Safety Features Overview. This image illustrates the electronic brake, accelerator, folding mechanism, and locking mechanism, all designed for a secure riding experience.

Package Contents

Please check the box for the following items:

- 1 x RCB R15 Electric Scooter
- 1 x Charger
- 2 x 4mm Wrenches
- 1 x User Manual (this document)

Setup and Assembly

1. Unfolding the Scooter

1. Place the scooter on a flat surface.
2. Release the folding latch located near the base of the handlebar stem.
3. Carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Raise the handlebars to the desired height and secure them with the quick-release clamp.



Image: One-Step Folding. This image demonstrates the simple three-step process for unfolding the scooter, highlighting the compact folded size and the net weight of 7.55 kg (16.6 lbs).

2. Adjusting Handlebar Height

The R15 scooter features an adjustable handlebar height to accommodate riders of different sizes (84 cm to 104 cm).

1. Loosen the quick-release clamp on the handlebar stem.
2. Adjust the handlebar to one of the three height settings. Ensure the locking pin snaps into place.
3. Securely tighten the quick-release clamp.



Image: Adjustable Height Settings. This image shows how the scooter's handlebar can be adjusted to three different heights (84cm, 94cm, 104cm) to suit riders between 115cm and 165cm tall, typically aged 8-16 years.

3. Charging the Battery

Before first use, fully charge the scooter's battery.

- Locate the charging port on the scooter.
- Connect the charger to the scooter, then plug the charger into a power outlet.
- The charging indicator on the charger will change (e.g., from red to green) when charging is complete.
- Charging time is approximately 4-5 hours for a full charge.
- Do not overcharge the battery. Disconnect the charger once charging is complete.



Image: Battery Level Indicator. This image displays the battery specifications (25.2V / 5.2AH, 12-16 km range, 4-5 hours charge time, 80kg max load) and how the LED lights indicate charge levels: three lights for 70%+ charge, two lights for 15%-70%, and one light for 15% or less.

Operating Instructions

1. Starting the Scooter

- Press the power button to turn on the scooter.
- Place one foot on the deck and use the other foot to push off, reaching a speed of at least 5 km/h (3.1 mph).
- Once moving, gently press the accelerator lever with your thumb to engage the motor. The scooter will accelerate smoothly.

2. Riding and Braking

- Maintain a balanced posture with both feet on the deck while riding.
- To slow down or stop, release the accelerator and gently press the electronic brake lever on the handlebar.
- For additional braking power or emergency stops, press down on the mechanical foot brake located over the rear wheel.

- Always anticipate stops and brake smoothly.



Image: Powerful Motor and Performance. This image showcases the scooter's 250W motor, allowing for a maximum speed of 20 km/h and a range of 12-16 km, with a maximum load capacity of 80 kg.

3. Folding for Storage

- Ensure the scooter is powered off.
- Loosen the quick-release clamp on the handlebar stem and lower the handlebars to their lowest position, then re-tighten the clamp.
- Release the folding latch at the base of the handlebar stem.
- Gently fold the handlebar stem downwards until it clicks into the folded position, securing it to the rear fender.

Maintenance

- **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 regularly, even if not in use, to maintain its lifespan. Store the scooter in a cool, dry place. Avoid extreme temperatures.
- **Tires:** Check the tires periodically for wear and tear. The R15 uses solid tires, which require less maintenance than pneumatic tires.
- **Brakes:** Regularly inspect the electronic and mechanical brakes for proper function. Ensure the brake lever and foot brake respond correctly.
- **Fasteners:** Periodically check all screws and bolts to ensure they are tight.

Troubleshooting

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery or power button issue.	Charge the battery fully. Ensure the power button is pressed firmly.
Motor does not engage.	Scooter not moving at 5 km/h (zero-start function).	Push off with your foot to reach the minimum speed before pressing the accelerator.
Reduced range or speed.	Low battery, heavy load, uphill riding, or cold weather.	Ensure battery is fully charged. Avoid exceeding weight limit. Performance may vary with conditions.

Problem	Possible Cause	Solution
Brakes feel loose or ineffective.	Brake cable adjustment needed or worn brake components.	Inspect brake cables and pads. If unsure, contact customer support.

Specifications

Feature	Detail
Model Name	R15
Motor Power	250W
Maximum Speed	Up to 20 km/h (12.4 mph)
Maximum Range	12-16 km (7.45-9.94 miles)
Battery	25.2V / 5.2AH
Charging Time	4-5 hours
Maximum Load Capacity	80 kg (176 lbs)
Adjustable Handlebar Height	84 cm - 104 cm (33.1 in - 40.9 in)
Recommended Rider Height	115 cm - 165 cm (45.3 in - 65 in)
Recommended Age Range	8-16 years
Wheel Size	5.5 inches (Solid)
Braking System	Electronic + Mechanical (Foot Brake)
Frame Material	Aluminum
Product Dimensions (Unfolded)	101.5L x 43W x 87H cm (40L x 17W x 34.3H inches)
Product Weight	7.55 kg (16.6 lbs)



Image: Product Dimensions. This diagram provides detailed measurements of the scooter, including adjustable handlebar heights (840mm, 940mm, 1040mm) and folded dimensions (815mm length, 430mm width, 255mm height).

Warranty and Support

Warranty Information

The RCB R15 Electric Scooter comes with a 1-year limited warranty from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims, please contact our customer support team:

- **Email:** support@rcb.com
- **Phone:** +1-800-XXX-XXXX (Availability may vary by region)
- **Website:** www.rcb.com (Visit for FAQs and additional resources)

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