

NIU KQi Youth+

NIU KQi Youth+ Electric Kick Scooter User Manual

Model: KQi Youth+ | Brand: NIU

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your NIU KQi Youth+ Electric Kick Scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to prevent injury or damage.

The NIU KQi Youth+ is designed for children aged 6-14 with a height between 48-63 inches, offering a fun and safe riding experience with adjustable speed modes and durable construction.



Image: Front view of the NIU KQi Youth+ Electric Kick Scooter in blue.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Ensure the scooter is fully charged before each use.
- Do not ride in heavy rain or through deep puddles. The scooter has an IP54 water resistance rating, suitable for light drizzle.
- Observe all local traffic laws and regulations.
- Do not perform stunts or ride recklessly.
- Supervise young riders at all times.
- The maximum weight limit for the rider is 132 pounds.



Image: An adult assisting a child with a helmet, emphasizing the importance of safety gear.

3. SETUP AND ASSEMBLY

The NIU KQi Youth+ Electric Kick Scooter comes with necessary installation accessories. Follow these general steps for initial setup:

1. **Unboxing:** Carefully remove all components from the packaging.
2. **Handlebar Attachment:** Securely attach the handlebar to the main stem. Ensure all connections are firm and screws are tightened according to the included quick start guide (if applicable).

3. **Initial Charge:** Before first use, fully charge the scooter's battery. The charging time is approximately 4 hours.
4. **Pre-Ride Check:** Verify that all parts are securely fastened, brakes are functional, and tires are in good condition.



Image: Angled view of the assembled NIU KQi Youth+ scooter, showing its compact design.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the scooter, press and hold the power button located on the LED display. Repeat to power off.

4.2 Riding Modes

The KQi Youth+ features two distinct riding modes:

- **Safe Mode:** Limits speed up to 6.2 mph (10 km/h). Ideal for young and first-time riders to build confidence.
- **Sport Mode:** Allows speeds up to 10 mph (16 km/h), utilizing the 150W motor for full power.

Switch between modes using the control button on the handlebar. The LED display will indicate the current mode.

Powerful Dual Brakes

Ride awesome and then "skrrrr" to a stop!
Powerful dual brakes will bring you to a stop, but not the fun!

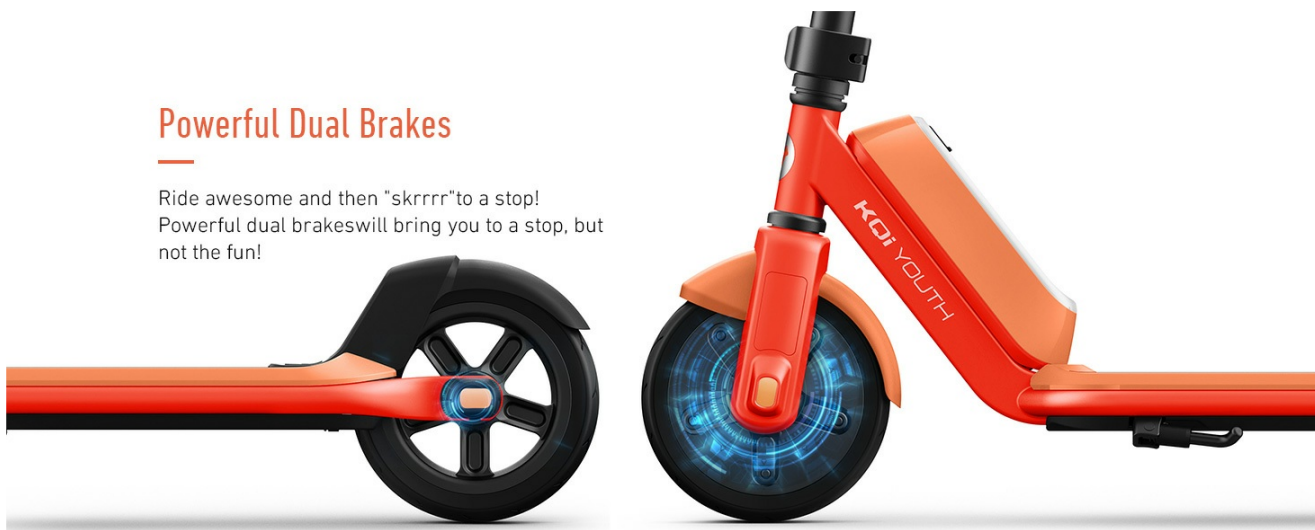


Image: Handlebar view illustrating the Safe Mode (Green 'M') and Sport Mode (Red 'M') indicators on the display.

4.3 Acceleration and Braking

The scooter features a half-twist throttle, designed for easy use by smaller hands. To accelerate, gently twist the throttle. To slow down or stop, utilize the dual braking system:

- **Electronic Brake (front):** Activated via the brake lever on the handlebar.
- **Mechanical Brake (rear):** Activated by pressing down on the rear fender.

Always apply brakes smoothly to maintain control.



Image: Detailed view of the front and rear wheels, highlighting the electronic and mechanical braking components.

4.4 Tire Technology

The KQi Youth+ is equipped with NIU's patented AirStryke Technology tires. These tires combine solid rubber and soft, shock-absorbing PU rubber for a flat-proof and comfortable ride. The 7.5-inch front wheel is designed to roll easily over small cracks, bumps, and minor obstacles.



Fun Swappable Griptape

Two patterns ship in box, or create your own to express your style.

Image: Close-up of the scooter's tire, illustrating the AirStryke Technology for enhanced durability and comfort.

5. MAINTENANCE

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

- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Battery Care:** The scooter features the NIU Exclusive Battery Management System (BMS) with 14 types of protection, including overcharge, over-discharge, and temperature protection. For optimal battery life, avoid completely draining the battery and store the scooter in a cool, dry place when not in use. Charge regularly, even if not used frequently.
- **Brake Inspection:** Periodically check the functionality of both electronic and mechanical brakes. Ensure they respond promptly and effectively.
- **Fastener Check:** Regularly inspect all screws and fasteners to ensure they are tight and secure.
- **Tire Inspection:** Although flat-proof, inspect tires for any signs of wear or damage.

With 14 types of protections, the NIU Battery Management System (BMS) has safely carried millions of riders more than 7 billion miles. Your feet are in good hands.



Image: Infographic detailing the 14 types of protection offered by the NIU Battery Management System (BMS).

6. TROUBLESHOOTING

If you encounter issues with your NIU KQi Youth+ scooter, consider the following common solutions:

- **Scooter Not Turning On:**
 - Ensure the battery is charged.
 - Check if the power button is being pressed correctly.
- **Reduced Performance/Speed:**
 - Verify the scooter is in Sport Mode for maximum speed.
 - Check battery level; performance may decrease with low charge.
 - Ensure the rider's weight does not exceed the 132-pound limit.
- **Brakes Not Responding:**
 - Inspect brake levers and cables for any obstructions or damage.
 - For mechanical brake, ensure the fender is not obstructed.

For persistent issues not covered here, please contact NIU customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	NIU
Model Name	KQi Youth
Color	Blue
Age Range (Description)	Age 6-14
Special Feature	LED Display, Colorful LED Lights, UL 2272 Certified
Weight Limit	132 Pounds
Product Dimensions	34.7"L x 14.4"W x 38.6"H
Number of Wheels	2
Wheel Material	Rubber
Frame Material	Aluminum
Item Weight	7.7 Pounds
Handlebar Type	Fixed
Handle Height	38.6 Inches

Feature	Detail
Wheel Size	7.5 Inches
Wheel Type	Solid
Suspension Type	Dual Suspension
Grip Type	Ergonomic
Brake Style	Electronic Brake (front) and Mechanical Brake (rear)
Charging Time	4 Hours
Maximum Distance Range	7.1 Miles
Material	Plastic
Model Year	2023
Included Components	Installation accessories

8. WARRANTY AND SUPPORT

NIU provides a **2-year limited warranty** for the KQi Youth+ Electric Kick Scooter. All NIU electric scooters hold UL certification, ensuring compliance with safety standards.

For detailed warranty specifics, after-sales support for accessories, or consumable parts, please refer to the official NIU website or contact NIU customer support directly. You can visit the official NIU store for more information: [NIU Official Store](#).

9. PRODUCT VIDEOS

No official product videos from the seller were found that meet the criteria for inclusion in this manual.



Cargadores de carga suspendida de 51.5V 2A para todos los modelos de la serie KQ1. Especialmente diseñado para el scooter eléctrico NIU KQ1(Q3) Pro(Q3) Max/Max(Q2) Pro(KQ2) 1(KQ1) 1 Pro(KQ1) Air(KQ1) Air X. No compatible con KQ1 Youth o Youth+.

Nota: Verifique el tamaño de la interfaz antes de comprar. Si tiene algún problema con el producto, contáctenos primero. ¡No la cargar una batería grande de bicicleta eléctrica o scooter, es muy importante que todos utilicen un cargador con todos los certificados importantes! (F)

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modelos de la serie KQi. Especialmente diseado para el scooter elctrico NIU
KQi3/KQi3 Pro/KQi3 Max/KQi2/KQi2 Pro/KQi 1/KQi 1 Pro/KQi Air/KQi Air X. No
compatible con KQi Youth o Youth . Nota: verifique el tamao de la inte...
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COLORFUL RUNNING LIGHT NIU ENERGYTM-LITHIUM BATTERY NIU MOTOR
16KM/H TOP SPEED 11.5KM RANGE 8-14YRS RECOMMENDED RIDER AGE
OVERVIEW 980mm 881.5mm Colour Folded Rider Minimum Age Max Rider Weight
Vehicle Weight Inc. battery Folding Mechanism 365mm 881.5365420mm 8-14 50kg
8.4kg Quick Release...

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