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> QRONGE X1 Spark Electric Dirt Bike Instruction Manual

QRONGE X1 Spark

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Model: X1 Spark

Brand: QRONGE

1. SAFETY INFORMATION

Important Safety Notice: Before riding, ensure that the brakes, wheels, and all other components of the X1 Spark electric dirt bike are correctly installed and functioning. Always check local legal age or license requirements to ensure legal use. Teenagers should operate the bike only under adult supervision and must adhere to all local safety regulations. Always wear appropriate safety gear, including a helmet, gloves, and protective clothing.

Warning: Please do not discard the large packaging box immediately after unboxing, as it may be needed for returns or future storage.

2. WHAT'S IN THE BOX

Your QRONGE X1 Spark Electric Dirt Bike package includes the following items:

- One (1) X1 Spark Electric Dirt Bike (partially assembled)
- One (1) Charger
- One (1) Toolkit
- One (1) Front Wheel
- One (1) Front Fender
- One (1) Front Number Plate
- Two (2) Foot Pegs
- One (1) Rear Reflector
- User Manual



Image: All components neatly packed inside the box, including the main bike frame, front wheel, charger, and toolkit.

3. ASSEMBLY INSTRUCTIONS

The QRONGE X1 Spark Electric Dirt Bike arrives 85% pre-assembled. Follow these steps to complete the assembly:

1. **Unboxing and Preparation:** Carefully remove all components from the packaging. Place the main bike frame on a stable surface or stand. Remove all protective packaging and zip ties from the bike.
2. **Rear Shock Installation:** Secure the rear shock absorber to the frame using the provided bolts and tools. Ensure it is tightened properly for optimal suspension performance.
3. **Handlebar Installation:** Loosen the screws on the handlebar clamps on the front fork. Position the handlebars into the clamps and tighten the screws securely. Ensure the handlebars are centered and aligned for comfortable riding.
4. **Front Wheel Installation:** Insert the front wheel axle through the front fork and the wheel hub. Secure it with the provided nuts, ensuring the wheel spins freely and is properly aligned.
5. **Front Brake Caliper Installation:** Attach the front brake caliper to the designated mounting points on the front fork. Ensure the brake pads align correctly with the brake disc. Tighten all screws firmly.
6. **Front Fender Installation:** Attach the front fender to the front fork using the provided screws.
7. **Front Number Plate Installation:** Install the front number plate onto the front fork using the provided screws.
8. **Foot Pegs Installation:** Attach the foot pegs to the side of the bike frame. Ensure they are securely fastened and can support rider weight.
9. **Battery Connection:** Connect the battery cable located under the seat. Ensure a secure connection.
10. **Final Checks:** Double-check all bolts and screws for tightness. Verify brake functionality and tire pressure before the first ride.

Your browser does not support the video tag.

Video: Detailed unboxing and assembly guide for the QRONGE X1 Spark Electric Dirt Bike. This video demonstrates the step-by-step process of setting up your new bike, including attaching the handlebars, front wheel, and other essential components.

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Video: A comprehensive guide on how to install the QRONGE X1 Spark Electric Dirt Bike, highlighting that it comes 85% installed. This video covers the remaining assembly steps to get your bike ready for use.

4. OPERATING INSTRUCTIONS

The QRONGE X1 Spark Electric Dirt Bike is designed for thrilling off-road adventures. Familiarize yourself with its features for an optimal riding experience.

4.1 Powering On/Off and Display

The bike features an LCD display that shows speed (miles per hour), distance traveled, and battery level. Use the controls on the handlebar to power on the bike and navigate through display information.

4.2 Speed Modes

The X1 Spark offers 3 safe speed modes to suit different riding needs and terrains:

- **1st Gear:** 12.5 mph (20 km/h) - Ideal for beginners or low-speed maneuvers.
- **2nd Gear:** 22 mph (35 km/h) - Suitable for intermediate riding.
- **3rd Gear:** 50 mph (80 km/h) - For experienced riders seeking maximum speed.

Note: Factors affecting top speed include rider weight, weather conditions, road conditions, and battery efficiency.

4.3 Battery and Range

Equipped with a 60V 28.8Ah battery, the X1 Spark can achieve a long range of up to 60 miles in pedal-assist mode. The actual range may vary based on road conditions, riding mode, weather, rider weight, and battery level.

60V 28.8AH

HIGH CAPACITY BATTERY



8H

Charge Time



IPX6

Waterproof



60 Miles

Max Range (1 Gear)



3 Gears

Throttle Mode



Image: Close-up view of the QRONGE X1 Spark's 60V 28.8Ah high-capacity battery, highlighting its specifications like 8-hour charge time, 60-mile max range (1st gear), and IPX6 waterproof rating.

4.4 Motor Performance

The bike features a high-performance 4500W peak mid-drive motor, delivering immense power and outstanding efficiency. It provides a maximum torque of 283 N·m and a top speed of 50 mph, enabling strong climbing ability to conquer various terrains. The motor has an IPX5 protection rating for stable performance in harsh conditions.

HIGH-PERFORMANCE MID-DRIVE MOTOR



50 MPH
MAX Speed



283NM
MAX Torque



60%
Grade Climbing
Ability



Image: An exploded view of the QRONGE X1 Spark's high-performance mid-drive motor, illustrating its 4500W peak power, 50 MPH max speed, 283Nm max torque, and 60% grade climbing ability.

4.5 Braking System

The X1 Spark is equipped with high-performance dual hydraulic brakes and 200x3 mm brake discs, ensuring smooth, responsive stopping power and exceptional control. This system provides a short braking distance for enhanced safety at all speeds.

DUAL HYDRAULIC BRAKE

40% safer, 35% more precise - dual hydraulic brakes enhance control and safety

Safety
+40%



Precision
+35%



Image: A rider on the QRONGE X1 Spark Electric Dirt Bike, with an overlay highlighting the dual hydraulic brake system, emphasizing 40% increased safety and 35% more precision.

4.6 Suspension System

The bike features a state-of-the-art suspension hydraulic fork system on the front wheel and independent suspension air spring shock absorbers on the rear wheels. This dual suspension setup provides support during rapid acceleration, quick braking, and aggressive off-road riding, absorbing high-frequency vibrations for a smoother experience on various terrains.

DOUBLE FORK SUSPENSION



Image: A rider performing a jump on the QRONGE X1 Spark Electric Dirt Bike, with an inset showing the rear suspension. The image highlights the double fork suspension, claiming an 80% increase in comfort.

4.7 Tires and Ergonomics

The X1 Spark features a unique combination of a 14x2.4" front wheel and a 12x3" rear wheel with all-terrain puncture-resistant tires, providing excellent grip and stability on gravel, mud, or rough trails. Its high-quality metal frame and streamlined body, along with a high-density anti-slip seat, ensure riding comfort and an extreme driving experience. The bike weighs 124 lbs and can support up to 350 lbs, suitable for riders aged 13+ with an ideal height range of 4.2' to 6.0'.

14"/12" FAT TIRE

FIT FOR ALL TERRAINS



Image: Close-up of the QRONGE X1 Spark's fat tire design, illustrating its suitability for various terrains including sand, city, snow, and mountain roads.



Image: A person standing next to the QRONGE X1 Spark Electric Dirt Bike, with dimensions and specifications overlaid, including recommended height (4'2"-6'0"), vehicle weight (124 lbs), and max load capacity (350 lbs).

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Video: A dynamic video showcasing the QRONGE X1 Spark Electric Dirt Bike in action, highlighting its cool design and suitability for teens and adults.

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Video: A short clip demonstrating the QRONGE X1 Spark Electric Dirt Bike in various riding scenarios, emphasizing its versatility and performance.

5. MAINTENANCE

5.1 Charging the Battery

The 60V 28.8Ah battery requires approximately 7-8 hours for a full charge. Always use the provided charger and ensure it is connected properly to the bike and a power outlet. Do not overcharge the battery.

5.2 General Care

- Regularly inspect tires for wear and proper inflation.
- Check brake pads and discs for wear and ensure proper function.
- Keep the bike clean, especially after riding in muddy or dusty conditions.
- Store the bike in a dry, cool place away from direct sunlight and extreme temperatures.
- Periodically check all fasteners for tightness.

6. TROUBLESHOOTING

If you encounter any issues with your QRONGE X1 Spark Electric Dirt Bike, please refer to the following general troubleshooting tips:

- **Bike not powering on:** Ensure the battery is fully charged and properly connected. Check the power switch.
- **Reduced range or power:** The battery may need charging. Check tire pressure. Riding conditions (e.g., uphill, heavy load) can affect performance.
- **Brakes not responsive:** Inspect brake pads for wear and ensure cables/hydraulic lines are intact. Adjust as necessary or consult a professional.
- **Unusual noises:** Check for loose components, chain tension, or debris in moving parts.

For persistent issues or complex repairs, please contact QRONGE customer support.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult (13+ years old)
Brand	QRONGE
Number of Speeds	3
Color	X1 Spark
Wheel Size	Front: 14 Inches, Rear: 12 Inches
Frame Material	Iron
Suspension Type	Dual (Front Hydraulic Fork, Rear Air Spring Shock Absorber)
Special Feature	LCD-Display
Motor Type	4500W Peak Mid-Drive Motor
Max Torque	283 N·m
Top Speed	50 mph (80 km/h)
Battery	60V 28.8Ah
Max Range	Up to 60 Miles (in pedal assist mode)
Charging Time	7-8 hours

Feature	Specification
Brake Style	Dual Hydraulic Disc Brakes (200x3 mm discs)
Vehicle Weight	124 lbs
Maximum Weight Recommendation	350 Pounds
Recommended Height	4.2' to 6.0'
Waterproof Rating	IPX5 (Motor)

8. WARRANTY AND SUPPORT

QRONGE is committed to providing high-quality products and excellent customer service. For any questions, concerns, or support needs regarding your X1 Spark Electric Dirt Bike, please do not hesitate to contact us.

Contact Information:

- **Phone:** 833-489-0550 (Mon-Fri, 9 a.m. - 6 p.m. PST)
- **Online Support:** Visit the [QRONGE Store on Amazon](#) for more information and support resources.

Our professional Pre-Sales & After-Sales team is always ready to assist you.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

