



Manuals.plus /

› **Tuttio** /

› Tuttio Electric Dirt Bike Soleil01 User Manual

Tuttio Soleil01

Tuttio Electric Dirt Bike Soleil01 User Manual

Model: Soleil01 | Brand: Tuttio

1. INTRODUCTION

Welcome to the world of electric dirt biking with your new Tuttio Soleil01. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your electric dirt bike. Please read this manual thoroughly before your first ride and keep it for future reference. The Tuttio Soleil01 is designed for off-road adventure use only. Always ensure the vehicle is correctly installed before riding.

2. SAFETY INFORMATION

- **Wear Safety Equipment:** Always wear a full set of safety equipment, including a helmet, knee pads, elbow pads, and other protective gear, before operating the dirt bike.
- **Check Local Laws:** Before riding, check local laws for age and license requirements to ensure legal use. Tuttio is not liable for any consequences due to unlawful use.
- **Off-Road Use Only:** The Tuttio Soleil01 electric dirt bike is suitable only for off-road riding. Do not operate on public roads unless explicitly permitted by local regulations.
- **No Unauthorized Modifications:** Do not modify the electric dirt bike without authorization. Unauthorized modifications can compromise safety and void your warranty.
- **Adult Supervision:** Teenagers should use this product under adult supervision.
- **Battery Safety:** Only use the supplied charger. Unplug the power when not in use. Keep the battery at over 50% charge during storage and charge every 2 months for at least 2 hours.

3. PACKAGE CONTENTS

Your Tuttio Soleil01 Electric Dirt Bike package includes the following components:

- Tuttio Soleil01 Electric Dirt Bike (partially assembled)
- 48V 21AH Lithium Battery
- Battery Charger

- Handlebars
- Front Wheel
- Front Fender
- Rear Fender
- Footpegs (if not pre-installed)
- Assembly Tools (wrenches, Allen keys)
- User Manual (this document)

4. SETUP AND ASSEMBLY

The Tuttio Soleil01 Electric Dirt Bike comes partially assembled. Follow these steps to complete the assembly:

4.1 Unboxing and Initial Inspection

Carefully open the packaging. Remove all components and protective materials. Inspect the bike for any signs of damage during transit. Keep the box for at least 30 days in case of return or after-sales service.

Your browser does not support the video tag. Please update your browser.

Video: Installation Guide of Tuttio Soleil01 GB Electric Dirt Bike. This video demonstrates the unboxing and assembly process for the bike.

4.2 Handlebar Installation

Attach the handlebars to the stem using the provided Allen keys. Ensure all bolts are securely tightened. Position the brake levers and controls for comfortable reach.



Image: The Tuttio Soleil01 GB Electric Dirt Bike with handlebars and controls properly installed.

4.3 Front Wheel and Fender Installation

Insert the front wheel into the fork dropouts. Secure it with the quick-release rod. Attach the front brake caliper to the fork and ensure it aligns correctly with the disc rotor. Install the front fender using the provided screws.

FRAME & PERFORMANCE DATA



Image: Detailed view of the front and rear wheels, highlighting the disc brakes and tire tread.

4.4 Footpeg and Rear Fender Installation

Attach the footpegs to the designated mounting points on the frame. Secure the rear fender using the appropriate hardware.

4.5 Battery Installation and Charging

Insert the 48V 21AH lithium battery into its compartment. Connect the battery securely. Before your first ride, fully charge the battery using the supplied charger. Ensure the battery power is connected.



Image: The Tuttio Soleil01 Electric Dirt Bike showcasing the removable 48V 21AH lithium battery.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features before riding.

5.1 Power On/Off

Use the key to turn on the bike's power. The display will illuminate, showing battery level, speed, and other information.

5.2 Speed Modes

The Tuttio Soleil01 features 3 gear safe speed modes. Select the appropriate mode based on your riding environment and experience level. The display shows speed in kilometers per hour.

5.3 Throttle and Braking

The bike is equipped with a twist-grip throttle for acceleration. Hydraulic brakes provide responsive and efficient stopping power. Always apply brakes smoothly and anticipate stops.

5.4 Headlight and Horn

Activate the headlight for improved visibility. Use the horn to alert others to your presence.

6. FEATURES OVERVIEW

The Tuttio Soleil01 Electric Dirt Bike is engineered for performance and comfort:

- **Powerful Mid-Drive Motor:** Equipped with a 3000W peak motor, providing continuous power of 200NM (Not Load) for challenging terrains and acceleration.
- **Long-lasting Battery:** A massive 48V 21AH lithium battery offers a range of up to 35-43 miles (actual range varies with load, speed, road surface, and temperature).
- **Dual Suspension System:** Features a state-of-the-art suspension hydraulic fork system on the front wheel and an independent suspension high stiffness air spring shock absorber on the rear wheel to absorb shocks and bumps.
- **Hydraulic Brakes:** Ensures responsive and efficient stopping power for enhanced safety.
- **Lightweight Aluminum Frame:** Constructed with a 6061 aluminum frame for smoother handling, greater maneuverability, and improved riding confidence, especially for beginners.
- **Puncture-Resistant Tires:** 14-inch front and 12-inch rear tires are designed to adapt to different road surfaces.

Your browser does not support the video tag. Please update your browser.

Video: Tuttio Soleil01 GB E Dirt Bike for Adults Boys Girls Age 13+. This video highlights the bike's features and target audience.

48V 21AH LITHIUM BATTERY

LONG BATTERY LIFE



18-45 Miles Riding Range



8-10 Hours Charging Time

Image: Close-up view of the 3000W peak powerful mid-drive motor, illustrating its internal components and power delivery.

Perfect Gift for Different Holiday



Image: Illustration of the dual shock absorption system, showing both front hydraulic forks and rear air spring shock absorber.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Tuttio Soleil01.

- **Pre-Ride Check:** Always confirm that the vehicle is installed correctly before riding. Check tire pressure, brake function, and battery charge.
- **Battery Care:** Disconnect the battery from the power line if not in use for more than 30 days. Keep the battery charged above 50% during storage. Charge the battery every 2 months for at least 2 hours to maintain its health.
- **Brake System:** Regularly inspect hydraulic brakes for proper function and wear. Ensure brake fluid levels are adequate and there are no leaks.
- **Chain Maintenance:** Keep the chain clean and lubricated for smooth operation and to prevent wear.
- **Frame Inspection:** Periodically check the 6061 aluminum frame for any cracks or damage, especially after aggressive riding.

8. TROUBLESHOOTING

If you encounter any issues with your Tuttio Soleil01, please refer to the following general advice:

- **Power Issues:** Ensure the battery is fully charged and properly connected. Check the key ignition is in the 'ON' position.
- **Brake Noise/Inefficiency:** Inspect brake pads for wear and rotors for alignment. Hydraulic brakes may require bleeding if performance is reduced.
- **Motor Performance:** Verify the selected speed mode. Ensure no debris is obstructing the motor or chain.
- **Contact Support:** If you have any questions or experience persistent problems, please feel free to contact us. We will reply within 24 hours.

9. SPECIFICATIONS

Feature	Specification
Model Name	Soleil01
Brand	Tuttio
Motor Power	3000W Peak Mid-Drive Motor (200NM Torque)
Battery	48V 21AH Lithium Battery
Range	35-43 miles (varies by conditions)
Speed Modes	3 Gear Safe Speed Modes
Brake Style	Hydraulic Disc Brakes
Suspension Type	Dual (Hydraulic Fork Front, Air Spring Shock Absorber Rear)
Frame Material	6061 Aluminum
Wheel Size	14 Inches (Front), 12 Inches (Rear)
Maximum Weight Recommendation	265 Pounds
Recommended Height	4.2 ft - 5.9 ft
Dimensions	59.8 x 31.1 x 39.3 inches
Assembly Required	Partial Assembly (as detailed in Section 4)
Power Source	Electric motor (rechargeable battery-powered)

10. WARRANTY AND SUPPORT

Tuttio is committed to providing quality products and customer satisfaction. For any questions, concerns, or support needs regarding your Soleil01 Electric Dirt Bike, please contact Tuttio customer service. We aim to respond to all inquiries within 24 hours. Please retain your purchase receipt for warranty claims.

