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- › [E MOTORAD](#) /
- › [EMotorad T-Rex Pro MTB E-Bike User Manual](#)

E MOTORAD T-Rex Pro

EMotorad T-Rex Pro MTB E-Bike User Manual

Model: T-Rex Pro | Brand: E MOTORAD

[Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

INTRODUCTION

Welcome to the EMotorad T-Rex Pro MTB E-Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Image: The EMotorad T-Rex Pro MTB E-Bike in Deep Purple, showcasing its design and features.

SETUP AND INITIAL ASSEMBLY

Your EMotorad T-Rex Pro E-Bike comes partially assembled. Follow these steps for initial setup. If you require assistance, EMotorad offers virtual guided installation support.

What's in the Box:

- Electric Cycle
- Charger
- Battery
- Tool Kit

Assembly Steps:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring all bolts are securely tightened.

3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor is correctly aligned within the caliper.
4. **Pedal Attachment:** Attach the pedals. Note that pedals are typically marked 'L' for left and 'R' for right, and thread in opposite directions.
5. **Seat Post Adjustment:** Insert the seat post and adjust the seat height for comfortable riding posture. Ensure the quick-release lever is securely fastened.
6. **Battery Installation:** Insert the removable battery into its designated slot on the frame. Ensure it clicks into place securely.
7. **Initial Charge:** Before first use, fully charge the battery using the provided charger. Refer to the "Battery Charging" section for details.
8. **Pre-Ride Safety Check:** Perform a thorough safety check, including brakes, tire pressure, and all bolted connections.

VIRTUAL GUIDED INSTALLATION



Image: Illustration of virtual guided installation support available for E-Motorad E-Bikes, offering assistance with assembly and diagnosis.

OPERATING YOUR E-BIKE

Battery Charging:

The 36V 13Ah removable battery requires 5-7 hours for a full charge. Connect the charger to the battery and then to a power outlet. The indicator on the charger will show charging status. Disconnect once fully charged.



Go the Distance!

36V 13Ah Li-ion removable battery offers long-lasting power, letting you explore further and longer.

🚲 Up to 70 Km on PAS & 45 Km on Throttle

🕒 5-7 Hrs Charging Time

🛡️ IPX5 Rating

Image: The 36V 13Ah removable battery integrated into the E-Bike frame, highlighting its charging time of 5-7 hours.

Dynamic Handlebar and Integrated Display:

The T-Rex Pro features a dynamic handlebar with an integrated display. This display provides real-time information such as speed, battery levels, and trip data. Familiarize yourself with the display controls before riding.

CLUSTER i13 HANDLEBAR INTEGRATED **DISPLAY**



Image: The integrated digital display on the handlebar, showing current speed, battery charge, and pedal assist level.

World's 1st Dynamic Handlebar

The integrated handlebar paired with the cluster i13 display puts all your ride stats (speed, battery, assist levels) right where you need them.



Image: The dynamic handlebar with its integrated display, providing essential ride statistics directly to the rider.

Lights and Indicators:

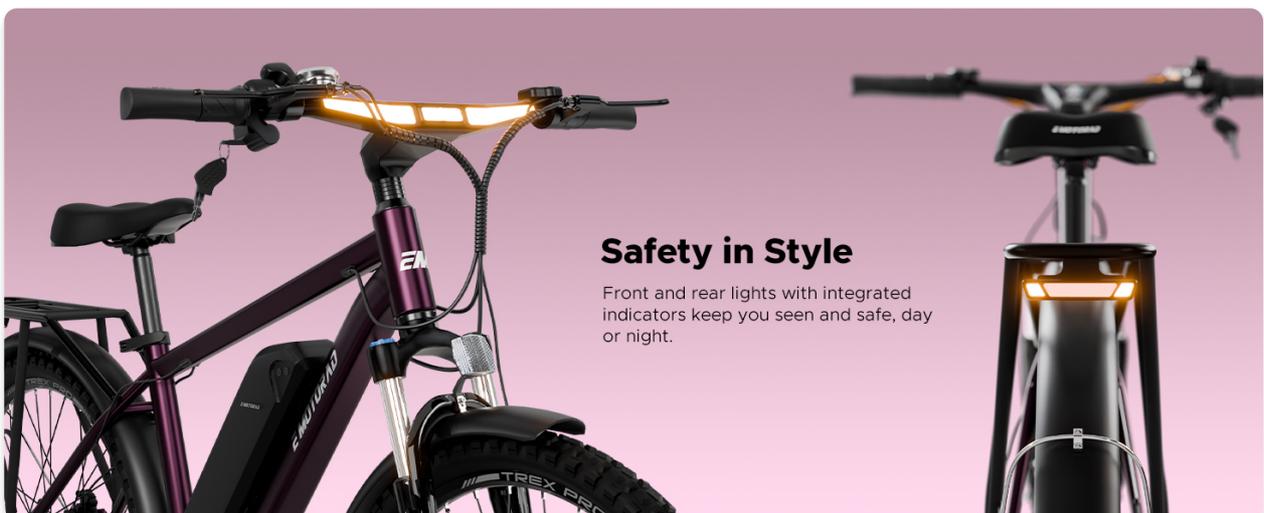
The E-Bike is equipped with integrated front and rear lights, including indicators. The front light offers high and low beam settings for varied visibility conditions. The rear light includes brake light and hazard mode functions for enhanced safety.

LED REAR LIGHT WITH INBUILT INDICATORS



LED INTEGRATED FRONT LIGHT WITH INDICATORS

Image: Detailed view of the integrated LED front light and the multi-function LED rear light with indicators.



Safety in Style

Front and rear lights with integrated indicators keep you seen and safe, day or night.

Image: The E-Bike's integrated front and rear lighting system, designed for visibility and safety day or night.

Gear Shifting and Pedal Assist:

The E-Bike features a 7-speed Shimano Altus derailleur for smooth gear changes. Utilize the twist grip shifter to select appropriate gears for varying terrain. The 5-level pedal assist system (PAS) provides electric assistance as you pedal, extending your range and reducing effort.



Image: The 7-speed Shimano Altus gear system and the 5-level pedal assist feature, indicating smooth power delivery.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EMotorad T-Rex Pro E-Bike.

- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent

wear.

- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge regularly, even if not in use, to maintain battery health.
- **General Cleaning:** Clean the E-Bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Bolt Checks:** Periodically check all bolts and fasteners for tightness, especially on the handlebars, seat post, and wheels.
- **Suspension:** Inspect the front suspension for proper function. The lockout feature should engage and disengage smoothly.

TROUBLESHOOTING

This section addresses common issues you might encounter with your E-Bike.

Problem	Possible Cause	Solution
E-Bike does not power on.	Battery not installed correctly, battery discharged, power button not pressed.	Ensure battery is fully seated. Check battery charge level and recharge if necessary. Press and hold the power button on the display.
Motor not providing assist.	Pedal assist level set to zero, battery low, sensor issue.	Increase pedal assist level on the display. Check battery charge. If issue persists, contact support.
Brakes feel weak or noisy.	Worn brake pads, misaligned caliper, air in hydraulic system (if applicable).	Inspect brake pads and replace if worn. Check caliper alignment. For hydraulic issues, professional service is recommended.
Gears are not shifting smoothly.	Derailleur out of adjustment, dirty or dry chain, damaged cable.	Clean and lubricate the chain. Adjust derailleur indexing. If cables are damaged, seek professional repair.
Display not showing correct information.	Loose connection, sensor malfunction.	Check all cable connections to the display. If the problem persists, contact customer support.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact EMotorad customer support.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	T-Rex Pro
Bike Type	Electric Mountain Bike (MTB)
Frame Material	Aluminium Alloy 6061
Frame Size	18"

Feature	Detail
Wheel Size	29 Inches
Tires	Sturdy Nylon Tyres, 29" x 2.25"
Suspension	Front, 100mm Travel with Lockout
Brake Style	Disc Brakes
Motor	36V 250W Rear Hub Motor
Battery	36V 13Ah Removable Lithium-ion
Battery Energy Content	468 Watt Hours
Charging Time	5-7 Hours
Max Range (Pedal Assist)	Up to 70 KM
Max Speed	25 KM/H
Gear System	7-Speed Shimano Altus Derailleur
Pedal Assist Levels	5 Levels
Display	Integrated Handlebar Digital Display
Lights	Integrated Front (High/Low Beam) & Rear (Indicators, Brake, Hazard) LED Lights
Item Weight	24.34 Kilograms
Dimensions (LxWxH)	169.5 x 68 x 106 Centimeters



Sturdy Nylon Tyres

Nylon tyres deliver superior grip and traction on all terrains.

Available in two sizes:
27.5" x 2.25 / 29" x 2.25

Image: The sturdy nylon tires of the T-Rex Pro, designed for superior grip and traction on various terrains.

Effortless Riding Across Terrains

The 36V 250W Rear Hub Motor ensures effortless acceleration, even on inclines and uneven paths.



Image: The 36V 250W rear hub motor, providing effortless acceleration and assistance.

WARRANTY AND SUPPORT

Warranty Information:

The EMotorad T-Rex Pro E-Bike comes with a **1+1 Year Warranty on the Battery** and a **1+1 Year Warranty on the Motor**. This provides a total of 2 years of warranty coverage for these key components from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support:

For any queries, technical assistance, or warranty claims, please contact EMotorad customer support. They offer:

- Guided Assembly
- Virtual Diagnosis
- Expert Assistance
- 72-Hour Resolution for support requests

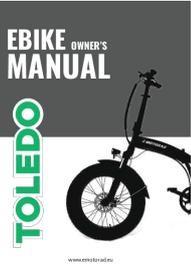
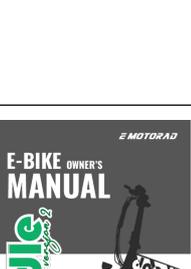
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Related Documents - T-Rex Pro

 <p>The cover features the text 'EBIKE OWNER'S MANUAL' at the top, 'TOLEDO' in large green letters on the left, and a black and white image of a bicycle on the right. The website 'www.emotorad.com' is at the bottom.</p>	<p>EMotorad Toledo Electric Bicycle Owner's Manual: Assembly, Operation, and Maintenance</p> <p>A comprehensive guide for the EMotorad Toledo electric bicycle, covering unboxing, assembly, folding, operation, battery care, safety instructions, maintenance schedules, and error code explanations.</p>
 <p>The cover features the text 'E-BIKE OWNER'S MANUAL' at the top, 'X1' in large green letters on the left, and a black and white image of a bicycle on the right. The website 'www.emotorad.com' is at the bottom.</p>	<p>EMotorad X1 E-Bike Owner's Manual: Assembly, Care, and Safety Guide</p> <p>Comprehensive owner's manual for the EMotorad X1 electric bicycle, covering unboxing, assembly, operation, maintenance, safety instructions, and troubleshooting. Learn how to care for your e-bike and ensure optimal performance.</p>
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 <p>The cover features the text 'E-BIKE OWNER'S MANUAL' at the top, 'Doodle' in large green letters on the left, and a black and white image of a bicycle on the right. The website 'www.emotorad.com' is at the bottom.</p>	<p>EMotorad Doodle V2 E-Bike Owner's Manual</p> <p>Comprehensive owner's manual for the EMotorad Doodle V2 e-bike, covering assembly, operation, maintenance, and troubleshooting.</p>
 <p>The cover is blue with the text 'EMOTORAD ST-X QUICK START GUIDE' at the top and a white line-art image of a bicycle on the left. The website 'www.emotorad.com' is at the bottom.</p>	<p>EMotorad ST-X Quick Start Guide: Assembly, Features, Care, and Warranty</p> <p>Comprehensive quick start guide for the EMotorad ST-X electric bike, covering assembly, features, battery operation, display functions, maintenance, safety guidelines, and warranty information.</p>
 <p>The cover features the text 'EBIKE OWNER'S MANUAL' at the top, 'Doodle' in large green letters on the left, and a black and white image of a bicycle on the right. The website 'www.emotorad.com' is at the bottom.</p>	<p>Doodle Ebike Owner's Manual - Assembly, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the Doodle ebike by EMotorad, covering assembly, riding modes, battery management, care, maintenance, and troubleshooting.</p>

