ELEMARA

ELEMARA Electric Dirt Bike User Manual

Model: 24V Electric Dirt Bike

1. Introduction

Thank you for choosing the ELEMARA Electric Dirt Bike. This manual provides essential information for the safe operation, assembly, and maintenance of your new electric dirt bike. Please read this manual thoroughly before initial use to ensure proper function and to maximize your riding experience. Retain this manual for future reference.

The ELEMARA Electric Dirt Bike is designed for thrilling adventures, featuring a powerful 350W motor, a maximum speed of 15.5 mph, and a robust design suitable for riders up to 150 lbs. It includes features like a twist-grip throttle, hand-operated rear brake, and 12-inch air-filled tires for a smooth ride.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear a helmet and protective gear (knee & elbow pads) when riding.
- This product is for external use only.
- Avoid contact with eyes.
- Keep away from naked flame or direct heat sources.
- Adult supervision is required at all times.
- Do not ride in traffic, near motor vehicles, on steep inclines, or near swimming pools.
- Ensure all components are securely fastened before each ride.
- Do not exceed the maximum weight capacity of 150 lbs.
- Do not modify the product. Any modifications can compromise safety and void the warranty.

3. Product Overview

Key Features:

- 350W Powerful Motor: Reaches a max speed of 15.5 mph and 10 miles max range.

- Realistic Riding Experience: Features twist-grip throttle and imitates real car roar sounds.
- Entertainment: Built-in music and Bluetooth mode for audio playback.
- Durable Wheels: 12-inch large-size wear-resistant inflatable rubber wheels for various terrains.
- Comfort & Safety: Comfortable leather soft seat, high-performance suspension system, and hand-operated rear drum brake.

Components Diagram:



Figure 3.1: Key components of the ELEMARA Electric Dirt Bike.

This diagram highlights the main parts of the dirt bike, including the twist-grip throttle for acceleration, the hand-operated rear drum brake

for stopping, a comfortable leather padded seat, dual suspension for shock absorption, the powerful 350W motor, steady footrests, and a stable parking rack.



Figure 3.2: ELEMARA Electric Dirt Bike (Blue Model).

A full view of the blue ELEMARA Electric Dirt Bike, showcasing its design and overall appearance.

What's in the Box:

- Electric Dirt Bike x 1
- User Manual x 1

4. Setup and Assembly

The ELEMARA Electric Dirt Bike requires some assembly before its first use. Please follow the instructions carefully.

Initial Battery Charging:

- It is recommended to charge for 6-8 hours for the first use to ensure the battery is fully charged.
- After every ride, it is recommended to charge for 8-12 hours.
- When the bike is not used for a long time, ensure the battery is fully charged, the power switch is off, and the battery is disconnected. Store the bike and battery in a cool, ventilated environment.
- When not in use, the battery should be charged once a month to maintain its health.

Note: If the bike is unable to charge, check the charger or the wiring. If issues persist, try continuously charging for 48 hours and then test. If still unable to charge, the battery may need replacement.

Assembly Video Guide:

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Video 4.1: How to Install the ELEMARA Electric Dirt Bike.

This official video from ELEMARA provides a step-by-step guide on how to properly assemble your electric dirt bike, ensuring all parts are correctly installed for safe operation.

5. Operating Instructions

Starting the Bike:

1. Ensure the battery is fully charged and properly connected.
2. Locate the power switch, typically near the battery compartment or handlebars, and turn it to the "ON" position.

Riding the Bike:

- **Acceleration:** Use the twist-grip throttle on the right handlebar. Twist it gently towards you to accelerate. The bike is designed to imitate the sound waves of a real car's roar for an immersive experience.
- **Braking:** To slow down or stop, release the throttle and apply the hand-operated rear drum brake, located on the left handlebar. Apply pressure smoothly and gradually.
- **Steering:** Use the handlebars to steer the bike. Practice steering in an open, safe area before riding at higher speeds.

Music and Bluetooth Functionality:

The ELEMARA Electric Dirt Bike features built-in music and a Bluetooth mode for added entertainment during rides.

- Refer to the control panel on the bike for specific buttons to switch between built-in music and Bluetooth mode.
- To use Bluetooth, activate Bluetooth on your mobile device and search for "ELEMARA Bike" (or similar name) to pair. Once paired, you can play audio through the bike's speakers.



Figure 5.1: Riding on various terrains with 12" inflatable rubber wheels.

The 12-inch large-size wear-resistant inflatable rubber wheels are designed to provide a thrilling and smooth riding experience across diverse surfaces, including sandy roads, mountain roads, muddy roads, grasslands, rubber roads, concrete roads, board roads, and tile roads.

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Video 5.2: ELEMARA Electric Dirt Bike in action.

This official video showcases the ELEMARA Electric Dirt Bike's features and performance during a ride, highlighting its speed, maneuverability, and overall user experience.

6. Maintenance

Battery Care:

- Always charge the battery for the recommended duration (8-12 hours after each ride, 6-8 hours for first use).
- Do not overcharge the battery.
- If storing the bike for an extended period, ensure the battery is fully charged and disconnected, then recharge monthly.
- Keep the battery and charger away from water and extreme temperatures.

Tire Pressure:

The 12-inch air-filled tires require proper inflation for optimal performance and safety. Check tire pressure regularly and inflate as needed according to the recommended PSI (usually found on the tire sidewall).

General Cleaning and Storage:

- Clean the bike with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid spraying water directly onto electrical components.
- Store the bike in a dry, cool place, away from direct sunlight and moisture.

7. Troubleshooting

Problem	Possible Cause	Solution
Bike does not turn on.	Battery not charged or connected; Power switch off; Loose wiring.	Ensure battery is fully charged and connected. Turn power switch ON. Check all wiring connections.
Bike loses power quickly.	Battery not fully charged; Old battery; Overloaded.	Charge battery for recommended time. If battery is old, consider replacement. Ensure rider weight is within limits.
Bike runs slowly.	Low battery; Overloaded; Riding on unsuitable terrain; Low tire pressure.	Recharge battery. Reduce load. Ride on appropriate surfaces. Inflate tires to correct pressure.
Brake not effective.	Brake cable loose or worn; Brake pads worn.	Adjust brake cable tension. Inspect brake pads and replace if necessary.
Bluetooth not connecting.	Bluetooth mode not activated; Device too far; Interference.	Ensure bike is in Bluetooth mode. Keep device close to the bike. Reduce other wireless interference.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact ELEMARA customer support.

8. Specifications

Feature	Detail

Feature	Detail
Product Dimensions	25 x 30 x 45 inches
Item Weight	49.6 pounds
Motor Power	350W
Max Speed	15.5 mph
Max Range	10 Miles
Max Load Capacity	150 lb
Recommended Age	13 - 16 years
Batteries	2 x 12V batteries (included)
Tire Size	12 inches (Air-Filled Rubber)
Brake System	Rear Drum Brake
Suspension	High-performance suspension system

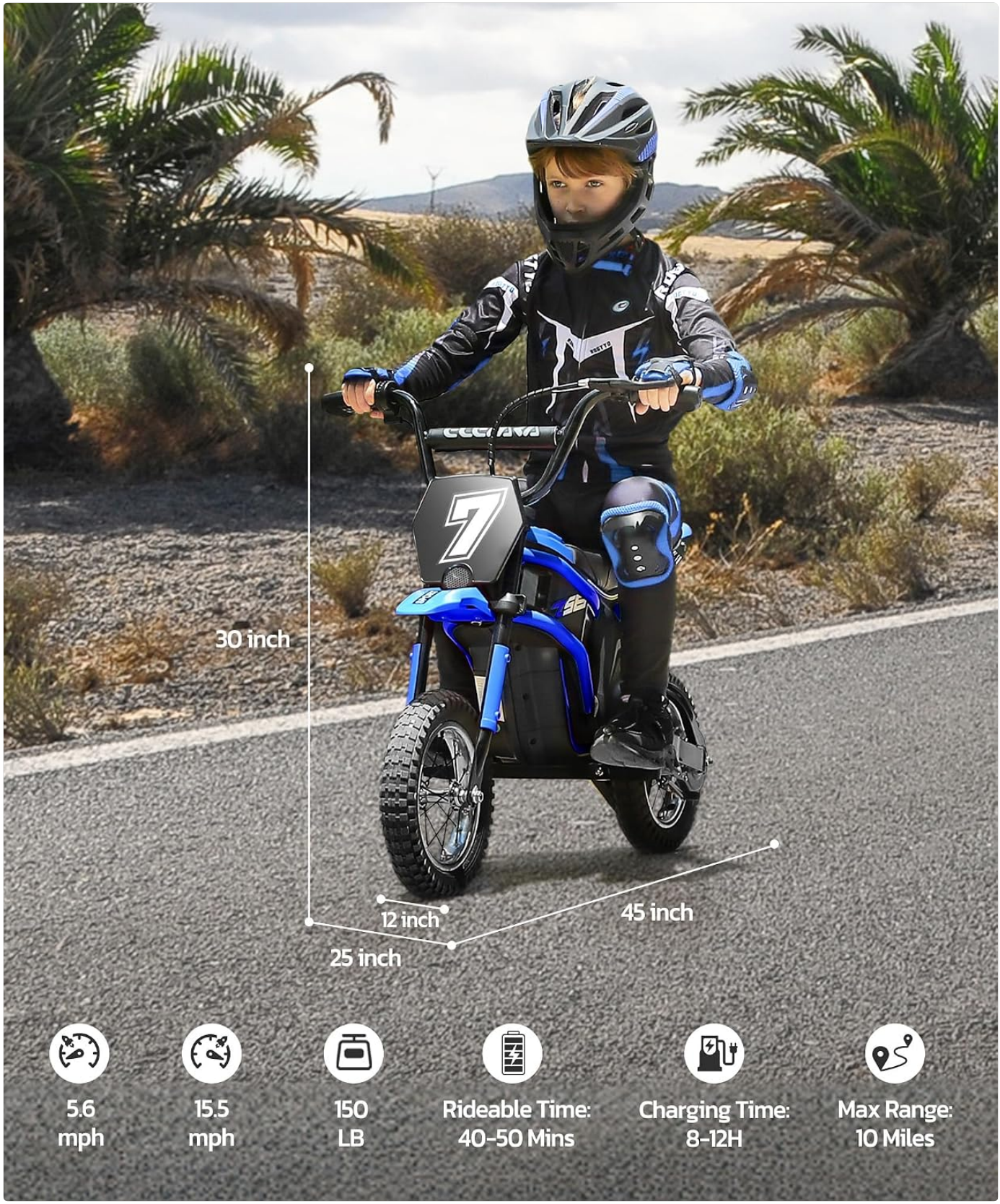


Figure 8.1: Product Dimensions and Performance Metrics.

This image provides a visual representation of the bike's dimensions and key performance indicators, such as speed, load capacity, ride time, charging time, and maximum range.

9. Warranty and Support

Warranty Information:

Please refer to your purchase documentation or the product listing for specific warranty details. Generally, ELEMARA

products come with a manufacturer's warranty covering defects in materials and workmanship under normal use.

For any warranty claims, please retain your proof of purchase.

Customer Support:

If you have any questions, require assistance with assembly, operation, or troubleshooting, or need to make a warranty claim, please contact ELEMARA customer support.

You can typically find contact information on the ELEMARA official website or through the retailer where you purchased the product. For Amazon purchases, you can contact the seller "ELEMARA-US" directly through your order history.

For more information, visit the official ELEMARA Store on Amazon.

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