

[Manuals.plus](#) /

› [ELEMARA](#) /

› ELEMARA Electric Dirt Bike WJL017FEN0X User Manual

ELEMARA WJL017FEN0X

ELEMARA Electric Dirt Bike WJL017FEN0X User Manual

Model: WJL017FEN0X

INTRODUCTION

Thank you for choosing the ELEMARA Electric Dirt Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your electric dirt bike. Please read this manual thoroughly before use and retain it for future reference.

This electric dirt bike is designed for children aged 13-16 years, with a maximum weight capacity of 150 lbs. Always ensure the rider wears appropriate safety gear, including a helmet, knee pads, and elbow pads.



Figure 1: ELEMARA Electric Dirt Bike (Hot Pink model).

IMPORTANT SAFETY INFORMATION

- **Always wear protective gear:** A helmet, knee pads, and elbow pads are mandatory when riding the electric dirt bike.
- **Adult supervision required:** This product is intended for use under direct adult supervision.
- **Rider age and weight limits:** Recommended for ages 13-16 years. Do not exceed the maximum weight capacity of 150 lbs.
- **Operating environment:** Use on flat, dry surfaces away from traffic, pools, or other hazards. Avoid steep inclines.
- **Battery safety:** For external use only. Avoid contact with eyes. Keep away from naked flame or direct heat sources.

- **Pre-ride check:** Before each ride, ensure all bolts are tight, tires are properly inflated, and brakes are functioning correctly.



How to Better Prolong Battery Lif

- Recommended to charging of 6-8 hours for first use to ensure that the battery is fully charged.
- After every ride, it is recommended to charge for 8-12 hours.
- When the car not used for a long time, it is recommended that the battery is fully charged, the car switch is switched off to ensure that the battery power is disconnected. Placed the car and battery in a cool and ventilated environment for storage. **When not in use, the battery should be charged once a month.**
- **The solution to the inability to charge**
 - a. To replace the charger or check the wiring
 - b. Use the charger to continuously charge 48h and then ride test, if not, replace the battery

Figure 2: Always wear a helmet and protective gear when riding.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- ELEMARA Electric Dirt Bike (1 unit)
- User Manual (1 unit)
- Charger (1 unit)
- Keys (2 units)
- Assembly Tools (if applicable, not explicitly listed but common)

SETUP AND ASSEMBLY

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

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for potential future transport or returns.
2. **Handlebar Installation:** Attach the handlebars to the steering column. Ensure they are centered and securely tightened with the provided bolts.
3. **Front Wheel Attachment (if separate):** If the front wheel is not pre-installed, attach it to the front fork, ensuring the axle is properly aligned and secured.
4. **Footrest/Kickstand:** Ensure the footrests and kickstand are securely attached and can be deployed/retracted smoothly.
5. **Initial Battery Charge:** Before first use, charge the battery for 6-8 hours. Refer to the "Charging the Battery" section for detailed instructions.
6. **Pre-Ride Inspection:** After assembly, perform a thorough inspection. Check all connections, tire pressure, and brake functionality.



Figure 3: Illustration of various replaceable parts, which may be involved in assembly or maintenance.

OPERATING INSTRUCTIONS

Components Overview

- **Key Start:** Insert the key into the ignition and turn to the "ON" position to power on the bike.
- **Twist-Grip Throttle:** Located on the right handlebar. Twist to accelerate. Release to decelerate.
- **Handbrake:** Located on the left handlebar. Squeeze to engage the rear drum brake.
- **Power Display:** Integrated into the handlebars, shows current battery level.
- **LED Lights:** Front headlight for visibility.
- **Shock Springs:** Rear suspension for a smoother ride.
- **12" Air-Filled Tires:** Provide traction and cushioning on various terrains.



Figure 4: Twist-grip throttle with key start and power display (left), and rear drum brake (right).

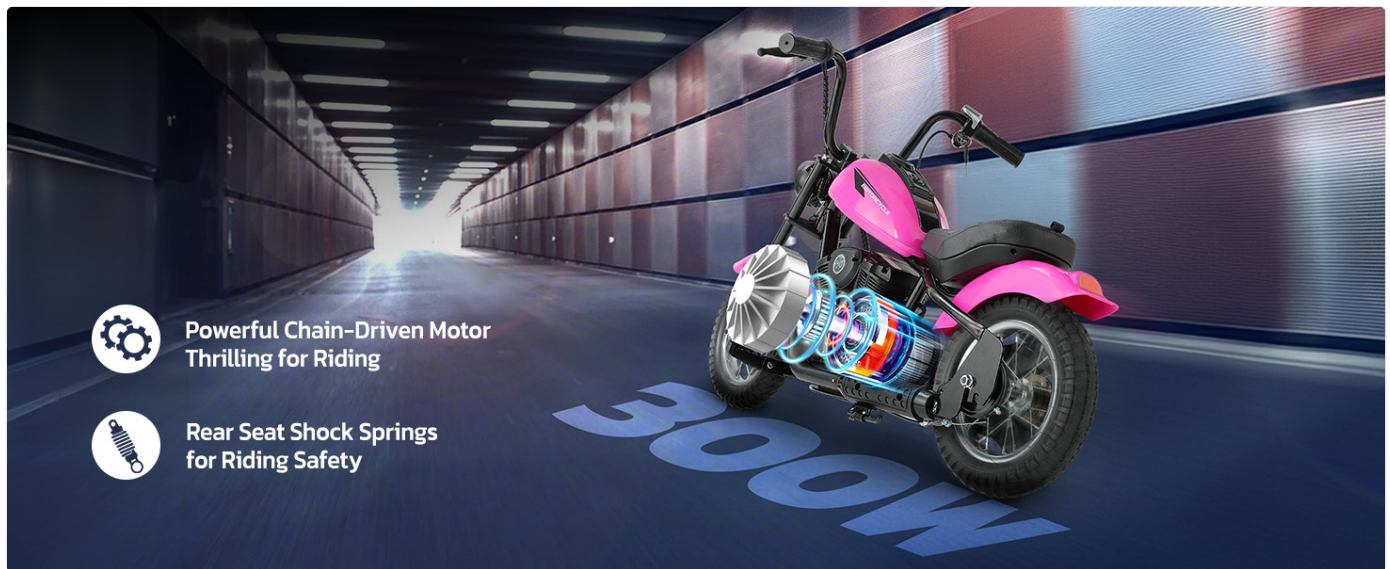


Figure 5: Internal view highlighting the powerful chain-driven motor and rear shock springs.

Starting the Bike

1. Ensure the bike is on a stable, flat surface.
2. Insert the key into the ignition and turn it clockwise to the "ON" position. The power display should illuminate.
3. Mount the bike, placing both feet on the footrests.
4. Slowly twist the throttle on the right handlebar to begin moving. Increase throttle gradually for smooth acceleration.

Stopping the Bike

1. Release the twist-grip throttle to cut power to the motor.
2. Gently squeeze the handbrake lever on the left handlebar to engage the rear brake. Apply pressure smoothly to avoid sudden stops.
3. Once stopped, turn the key to the "OFF" position and remove it.

Riding Environment

The 12-inch air-filled tires are designed for various terrains, including:

- Brick Road
- Board Road
- Muddy Road
- Asphalt Road
- Grass

Always choose a safe riding area free from obstacles and traffic. Avoid riding in wet conditions or on excessively loose surfaces.



Figure 6: The electric dirt bike is suitable for various road surfaces.

MAINTENANCE

Battery Care and Charging

- **First Use:** Charge the battery for 6-8 hours before the initial ride.
- **Regular Charging:** After every ride, charge the battery for 8-12 hours. Do not overcharge.
- **Long-Term Storage:** If the bike will not be used for an extended period, ensure the battery is fully charged, turn the power switch off, and disconnect the battery. Store the bike in a cool, well-ventilated environment. Charge the battery once a month during storage to maintain its health.
- **Charger:** Use only the charger provided by ELEMARA.

General Care

- **Cleaning:** Wipe the bike with a damp cloth after use. Avoid using harsh chemicals or direct water spray, which can damage electrical components.
- **Tire Pressure:** Regularly check and maintain the correct tire pressure for optimal performance and safety.
- **Fasteners:** Periodically check all nuts, bolts, and other fasteners to ensure they are tight and secure.
- **Brakes:** Inspect the brake system regularly for wear and proper function. Adjust if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on.	Battery is not charged. Key is not in "ON" position. Loose battery connection.	Charge the battery for 8-12 hours. Ensure key is fully turned to "ON". Check battery terminals for secure connection.
Bike does not move when throttle is applied.	Battery is low or depleted. Throttle connection issue. Motor issue.	Recharge the battery. Check throttle wiring connections. Contact customer support if motor issue is suspected.
Battery does not charge.	Charger malfunction. Charging port issue. Battery fault.	Replace the charger or check the wiring. Attempt to continuously charge for 48 hours. If still not charging, the battery may need replacement. Contact customer support.

Problem	Possible Cause	Solution
Brakes are not effective.	Brake cable loose or worn. Brake pads worn.	Adjust or replace brake cable. Inspect and replace brake pads if necessary.

SPECIFICATIONS

Feature	Detail
Model Number	WJL017FEN0X
Brand	ELEMARA
Motor	24V 250W Chain-Driven
Battery	2 x 12V (included)
Max Speed	Up to 15 mph
Max Range	Up to 10 Miles
Max Load Capacity	150 lbs
Recommended Age	13 - 16 years
Charging Time	6-8 hours (initial), 8-12 hours (subsequent)
Riding Time	40-50 minutes (approx.)
Tires	12-inch Air-Filled Rubber
Product Dimensions	44.9 x 23.6 x 29.8 inches (L x W x H)
Item Weight	48.7 pounds

Recommended Age 13+



15
MPH



10
Miles



Charging Time:
6-8H



Riding Time:
40-50Mins



Figure 7: Key specifications and dimensions of the electric dirt bike.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official ELEMARA website. If you encounter any issues or require assistance, please contact ELEMARA customer support.

ELEMARA Customer Support:

- **Website:** [Visit the ELEMARA Store on Amazon](#)
- **Contact Information:** Refer to the product packaging or the ELEMARA brand store for the most current contact details.

© 2025 ELEMARA. All rights reserved.

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

you@example.com

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

Answered questions about this manual

Why does my ELEMARA WJL017FEN0X Electric Dirt Bike stop running multiple times while I am riding it?

If your ELEMARA WJL017FEN0X Electric Dirt Bike stops running intermittently while riding, it is likely due to a power connection or battery issue. Based on the manual, please check the following: Loose Battery Connections: Vibrations...

[Read full answer](#)

I lost my keys for the ELEMARA WJL017FEN0X Electric Dirt Bike; am I able to get another set?

Yes, you should be able to obtain replacement keys by contacting the manufacturer directly. The ELEMARA WJL017FEN0X Electric Dirt Bike originally comes with a set of two keys, which are required to operate the...

[Read full answer](#)