Oryxearth mini bike

Oryxearth 36V 1000W Electric Kids Dirt Bike User Manual

Model: mini bike

Introduction

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Oryxearth 36V 1000W Electric Kids Dirt Bike. Please read this manual thoroughly before operating the bike to ensure proper use and to prevent injury or damage.



Figure 1: Oryxearth 36V 1000W Electric Kids Dirt Bike. This image shows the overall design of the electric dirt bike, highlighting its robust frame and wide tires.

Safety Information

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads.
- Ensure the rider meets the recommended age (13+) and height (4.27FT-5.9FT) and weight (under 185LBS) requirements.
- Operate the dirt bike in safe, open areas away from traffic, pedestrians, and obstacles.
- Do not operate in wet conditions or on slippery surfaces.
- Regularly inspect the bike for any damage, loose parts, or worn components before each ride.
- Familiarize yourself with the controls, especially the brakes, before riding at higher speeds.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other

reproductive harm (Proposition 65 Warning).

Setup and Assembly

The Oryxearth Electric Dirt Bike requires minimal assembly. Follow these steps for initial setup:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Handlebar Installation:** Attach the chopper-style handlebar to the main frame. Ensure all bolts are securely tightened.
3. **Backrest and Storage Bags:** Install the backrest and attach the two detachable storage bags (7L each) as shown in the diagram.
4. **Initial Charge:** Before first use, fully charge the 36V, 12AH lead-acid battery. Connect the charger (output: 36V 1.8A) to the charge port. Charging typically takes about 6 hours. The battery level display on the handlebar will indicate charge status.
5. **Tire Pressure:** Check the pressure of the wide, off-road pneumatic tires. Maintain recommended pressure for optimal performance and safety.



Figure 2: Key components of the Oryxearth Electric Dirt Bike. This diagram illustrates the location of the chopper-style handlebar, backrest, PU leather seat, key start, battery level display, headlight, large hanging bags, rear disc brake, sturdy metal frame, and speed control button.

Operating Instructions

Operating your Oryxearth Electric Dirt Bike is straightforward. Follow these steps for a safe and enjoyable ride:

1. **Power On:** Insert the key into the ignition and turn it to the 'ON' position.
2. **Speed Selection:** The bike features two speed modes: 15.5 MPH (low speed) and 22 MPH (high speed). Select your desired speed using the speed control button.
3. **Acceleration:** Gently twist the throttle on the right handlebar to accelerate.
4. **Braking:** Use the rear disc brake lever on the left handlebar to slow down or stop. Apply brakes smoothly to avoid sudden stops.
5. **Headlight Operation:** The independently controlled headlight can be turned on for riding at night or in low-light conditions. It provides 2-3 hours of endurance.

6. **Battery Monitoring:** Keep an eye on the battery level display on the handlebar. Recharge the battery when it indicates a low charge.

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Video 1: Oryxearth 36V 1000W Electric Kids Dirt Bike Overview. This video demonstrates the bike's features, including its speed, weight capacity, mileage, and various components like non-slip tires, non-slip handles, soft leather cushion, key start, and headlight. It also shows the bike in action on different terrains.



Figure 3: Wide Off-Road Tires and Terrain Capability. This image illustrates the bike's suitability for different surfaces like grass, gravel road, and asphalt road, emphasizing the smooth ride and no-slip features of its tires (Dimensions: 145/70-6).

Maintenance

Regular maintenance ensures the longevity and safe operation of your electric dirt bike:

- **Battery Care:**
  - Always fully charge the battery after each use, even if only used for a short period.

    - If storing the bike for an extended period, charge the battery fully every 30 days to maintain its health.
    - Do not overcharge or completely drain the battery.
- **Tire Maintenance:**
    - Regularly check tire pressure. Refer to the tire sidewall for recommended PSI.
    - Inspect tires for wear, punctures, or damage before each ride.
- **Brake System:**
    - Check the rear disc brake for proper function and responsiveness.
    - Ensure brake pads are not excessively worn. Replace if necessary.
- **General Cleaning:**
    - Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
    - Keep the motor and battery compartment free of dirt and debris.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight and secure.

Troubleshooting

If you encounter issues with your Oryxearth Electric Dirt Bike, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or depleted; Key is not fully inserted or turned; Loose electrical connection.	Charge the battery fully; Ensure key is correctly inserted and turned to 'ON'; Check all visible electrical connections for tightness.
Bike shuts off during operation.	Low battery charge; Overload (exceeding weight capacity); Loose battery connection.	Recharge the battery; Ensure rider weight is within 185LBS capacity; Check battery connections.
Reduced speed or power.	Low battery charge; Incorrect speed mode selected; Tire pressure too low.	Charge the battery; Verify high-speed mode is selected if desired; Inflate tires to recommended PSI.
Brakes are not effective.	Worn brake pads; Loose brake cable; Disc brake misalignment.	Inspect and replace brake pads if worn; Adjust brake cable tension; Consult a qualified technician for brake alignment.

Specifications

Feature	Detail
Motor Power	1000W
Battery	36V, 12AH Lead-Acid
Speed Modes	2 speeds: 15.5 MPH (Low), 22 MPH (High)
Runtime	60-90 minutes (Low Speed), 30 minutes (High Speed)
Charger Output	36V 1.8A

Feature	Detail
Charging Time	Approximately 6 hours
Weight Capacity	Up to 185 LBS
Recommended Age	13+ years
Recommended Height	4.27 FT - 5.9 FT
Tires	Wide Off-Road Pneumatic (145/70-6)
Brakes	Rear Disc Brake
Headlight Endurance	2-3 hours
Product Dimensions	15 x 27 x 40 inches
Storage	2 detachable hanging bags (7L each)



Figure 4: Detailed Specifications and Dimensions. This image provides a visual representation of the bike's dimensions and a summary of

its key technical specifications, including battery, motor power, speed, endurance time, charging time, and recommended user parameters.

Warranty and Support

For warranty information, product support, or to purchase replacement parts, please contact the manufacturer, Oryxearth, or the authorized seller, SANHA TC. Retain your proof of purchase for any warranty claims.
For additional assistance, you may refer to the product page on Amazon: Oryxearth Electric Kids Dirt Bike on Amazon.

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