

## Hiboy DK1

# Hiboy DK1 Electric Dirt Bike User Manual

Model: DK1 | Brand: Hiboy

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## 1. SAFETY INFORMATION

Operating the Hiboy DK1 Electric Dirt Bike requires adherence to safety guidelines to prevent injury. This product is designed for children aged 3-10 years with a maximum rider weight of 140 lbs (64 kg).

- Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads.
- Supervise children at all times while operating the dirt bike.
- Do not operate the dirt bike in traffic, near motor vehicles, on steep inclines, or in areas with obstacles.
- Ensure the battery is fully charged before each use to avoid unexpected power loss.
- Familiarize yourself and the rider with the three speed modes and braking system before riding.
- Avoid riding in wet conditions or through puddles, as the bike has an IPX5 water resistance rating, which protects against low-pressure water jets but not submersion.

## 2. SETUP AND ASSEMBLY

The Hiboy DK1 Electric Dirt Bike comes partially assembled. Basic assembly is required before first use. Included components are the Electric Dirt Bike, Charger, and this Manual.

### 2.1 Unpacking

Carefully remove all components from the packaging. Inspect for any damage that may have occurred during shipping. Retain packaging for future storage or transport.

### 2.2 Initial Assembly Steps

- Attach the handlebars: Securely fasten the handlebars to the fork stem. Ensure they are aligned and tightened properly to prevent movement during operation.
- Install the front wheel (if detached): Follow the instructions to correctly mount the front wheel, ensuring all nuts and bolts are securely tightened.
- Check tire pressure: Ensure tires are inflated to the recommended pressure for optimal performance and safety.
- Perform an initial charge: Before the first ride, fully charge the battery as described in the 'Charging the Battery' section.



Figure 2.1: The Hiboy DK1 Electric Dirt Bike, ready for assembly and initial charge.

### 3. OPERATING THE DIRT BIKE

The Hiboy DK1 is designed for an engaging and safe riding experience with its powerful motor and adjustable speed settings.

#### 3.1 Powering On/Off

To power on the bike, press the 'On/Off' button located on the handlebar. To power off, press and hold the 'On/Off' button until the bike shuts down. The throttle-mounted LED display indicates battery power.

# AMAZING DIRT- BIKING EXPERIENCE



## Throttle-mounted LED Display

Easily keep track  
of battery power



## IPX5 190LUX LED Headlight

Figure 3.1: Handlebar controls featuring the power indicator, on/off button, and headlight switch.

## 3.2 Speed Modes

The Hiboy DK1 features three selectable speed modes to accommodate different skill levels and environments:

- **Low Speed:** 5.0 mph (8 km/h) - Ideal for beginners and confined spaces.
- **Medium Speed:** 7.5 mph (12 km/h) - Suitable for intermediate riders.
- **High Speed:** 15.5 mph (25 km/h) - For experienced riders in open areas.



The speed mode can be adjusted using the shift button, typically located near the battery compartment or on the frame.

### 3 Speed Modes

You can choose to use any speed to give you the best riding experience.

<b>1</b>	<b>2</b>	<b>3</b>
<b>5.0 mph</b> Low (8 km/h)	<b>7.5 mph</b> Medium (12 km/h)	<b>15.5 mph</b> High (25 km/h)



Figure 3.2: Visual representation of the three speed modes and their respective speeds.

### 3.3 Braking System

The bike is equipped with a rear roller brake for efficient and reliable stopping power. To engage the brake, apply pressure to the brake lever on the handlebar. Ensure the rider understands how to use the brake effectively before riding at higher speeds.



Figure 3.3: The efficient rear roller brake system, designed for quick and safe stops.

### 3.4 Headlight Operation

The Hiboy DK1 features an IPX5 190LUX LED headlight, providing illumination for riding in low-light conditions. The headlight can be activated via a switch on the handlebar. The effective irradiation distance is approximately 16.4 feet, enhancing safety during evening rides.

## IPX5 190LUX LED Headlight

- Hiboy DK1 is equipped with an LED headlight with PMMA material aging-resistant fully transparent acrylic light cover.
- 16.4 feet effective irradiation distance makes the kids safe to ride even at night!



Figure 3.4: The powerful 190LUX LED headlight for enhanced visibility.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Hiboy DK1 Electric Dirt Bike.

### 4.1 Battery Care and Charging

The bike is powered by a rechargeable 36V sealed lithium battery system. A full charge takes approximately 4-5 hours and provides up to 90 minutes of ride time (tested on 88.2 lbs weight/9.3 mph). The battery is designed for approximately 800 charging cycles.

- Always use the original charger provided with the bike.
- Do not over-discharge the battery. Charge it regularly, even if the bike is not in use for extended periods.
- Store the bike and battery in a cool, dry place away from direct sunlight and extreme temperatures.
- If the bike will not be used for a long time, charge the battery to about 50-70% before storage and recharge every 2-3 months.



**36V 4AH**  
Lithium Battery



**90 min**  
Battery Life



**3-4 hrs**  
Charge Time



**800 Times**  
Charging Times

## LONG-RANGE BATTERY



Figure 4.1: Information on the long-range 36V 4AH lithium battery, including charge time and battery life.

### 4.2 General Care

- Keep the bike clean. Wipe down the frame and components with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- Regularly check all nuts, bolts, and fasteners to ensure they are tight.
- Inspect tires for wear and proper inflation before each ride.
- Check the chain for proper tension and lubricate it periodically to ensure smooth operation and prevent wear.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Hiboy DK1 Electric Dirt Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is depleted or not connected.	Charge the battery fully. Ensure battery connections are secure.
Reduced power or short ride time.	Battery not fully charged or aging.	Ensure battery is fully charged before use. If battery life significantly decreases, consider battery replacement.
Unusual noises during operation.	Loose components, chain issues, or motor problem.	Check all fasteners. Inspect and lubricate the chain. If noise persists, contact customer support.
Brakes are not effective.	Brake cable loose or worn brake pads.	Adjust brake cable tension. Inspect and replace brake pads if worn.
Chain guard broken or damaged.	Impact or manufacturing defect.	Contact customer support for a replacement part.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Hiboy customer support for assistance.

## 6. PRODUCT SPECIFICATIONS

Detailed specifications for the Hiboy DK1 Electric Dirt Bike.

Feature	Specification
Model Name	DK1
Brand	Hiboy
Motor Power	300W
Battery	36V 4AH Lithium Battery
Max Speed	15.5 mph (25 km/h)
Speed Modes	Low: 5.0 mph (8 km/h), Medium: 7.5 mph (12 km/h), High: 15.5 mph (25 km/h)
Max Range	Up to 13.7 miles (22 km)
Charge Time	4-5 hours
Battery Life (Runtime)	Up to 90 minutes
Max Rider Weight	140 lbs (64 kg)
Recommended Age	3-10 years



Feature	Specification
Item Weight	38.1 lbs (17.3 kg)
Item Dimensions (LxWxH)	44.3 x 21.7 x 29.1 inches (112.5 x 55.1 x 73.9 cm)
Material	Aluminum
Shock Absorption	High-strength shock-absorbing spring and hydraulic shock fork
Headlight	IPX5 190LUX LED Headlight
Water Resistance	IPX5 (Water Resistant Battery)
Included Components	Charger, Electric Dirt Bike, Manual



Figure 6.1: Key dimensions and load capacity for the Hiboy DK1 Electric Dirt Bike.

## 7. WARRANTY INFORMATION

The Hiboy DK1 Electric Dirt Bike comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

## 8. CUSTOMER SUPPORT

Hiboy is committed to providing efficient after-sales service. If you have any questions, require technical assistance, or need to make a warranty claim, please contact our support team.





Our online customer service and support are available 24 hours a day.

For further assistance, please visit the official Hiboy website or refer to the contact information provided with your purchase documentation.

Figure 8.1: Hiboy offers 24-hour online customer service and support.



Related Documents

	<p><a href="#">Hiboy S2/S2 Pro Electric Scooter User Manual</a></p> <p>Comprehensive user manual for the Hiboy S2 and S2 Pro electric scooters, covering package contents, product overview, assembly, charging, riding basics, safety instructions, maintenance, specifications, app usage, troubleshooting, and warranty information.</p>
	<p><a href="#">Hiboy Titan Electric Scooter Error Codes and Troubleshooting Guide</a></p> <p>Find solutions for common error codes on your Hiboy Titan electric scooter. This guide explains error codes 2, 3, 4, 5, 6, 7, 8, A/10, D/13, F/15 and provides troubleshooting tips for common issues.</p>
	<p><a href="#">Hiboy Max V2 Electric Scooter User Manual and Guide</a></p> <p>Comprehensive user manual for the Hiboy Max V2 electric scooter, covering assembly, charging, riding instructions, safety guidelines, maintenance, specifications, warranty, and troubleshooting.</p>
	<p><a href="#">Hiboy BK1 Electric Balance Bike User Manual</a></p> <p>Comprehensive user manual for the Hiboy BK1 Electric Balance Bike, covering package contents, product overview, installation, charging, operation, safety instructions, maintenance, specifications, and warranty.</p>

Documents - Hiboy – DK1



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lang:en score:34 filesize: 5.07 M page\_count: 8 document date: 2023-05-17