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Hiboy BK1

Hiboy Electric Balance Bike for Kids - Model BK1 Instruction Manual

Brand: Hiboy | Model: BK1

INTRODUCTION

Welcome to the instruction manual for your new Hiboy Electric Balance Bike for Kids, Model BK1. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your electric balance bike. Please read this manual thoroughly before first use and keep it for future reference.

The Hiboy BK1 is designed to provide a fun and engaging learning experience for children aged 3-5, helping them develop balance and control before transitioning to traditional pedal bikes. Its compact and lightweight design, coupled with an adjustable seat and dual-speed modes, makes it an ideal choice for young riders.



Image: The Hiboy BK1 electric balance bike, designed for young riders to enjoy family time.

SAFETY INFORMATION

Safety is paramount when operating any electric vehicle, especially for children. Always ensure the rider wears appropriate safety gear, including a helmet, knee pads, and elbow pads. Adult supervision is required at all times.

- Always wear a helmet and other protective gear.
- Ensure adult supervision during operation.
- Do not ride in traffic or on public roads.
- Avoid riding in wet conditions or on slippery surfaces due to the IPX4 waterproof rating, which protects against splashes but not submersion.
- Check the bike for any loose parts or damage before each ride.
- Familiarize the rider with the kick-off start and braking system.

COMPONENTS OVERVIEW

The Hiboy BK1 Electric Balance Bike consists of several key components:

- **Handlebars:** For steering and control.
- **Throttle:** Located on the right handlebar for electric assist.
- **Brake Lever:** Located on the left handlebar for the front V-brake.
- **Adjustable Seat:** Allows for height customization to fit different riders.
- **Footrests:** For resting feet once the bike is in motion.
- **Motor:** Integrated into the rear wheel, providing electric power.
- **Battery:** Housed within the frame, providing power to the motor.
- **12-inch Tires:** Durable rubber tires for various terrains.
- **Charging Port:** Located near the footrests for recharging the battery.
- **Colorful Pedal Light Bar:** Enhances visibility and appearance.



Image: Overview of the Hiboy BK1 Electric Balance Bike.



Flexible Handlebar

Image: Flexible Handlebar for easy steering.

Not only does it enhance the appearance and add fun to your ride, but it also increases visibility at night, ensuring safety.



Image: Colorful LED light bar on the footrest.



Image: Rear wheel motor assembly.

SETUP

The Hiboy BK1 Electric Balance Bike comes largely pre-assembled. Minimal setup is required before first use.

1. **Unboxing:** Carefully remove all components from the packaging. Ensure all included components (bike, manual, toolkit) are present.
2. **Handlebar Installation:** Attach the handlebars to the fork stem and tighten securely using the provided tools.
3. **Seat Adjustment:** Adjust the seat height to ensure the rider can comfortably place both feet flat on the ground while seated. The adjustable seat range is from 17.2 to 19.1 inches.

SEAT ADJUSTABLE-Comfortable & Safe

Suitable for kids from age 3-5. The adjustable seat enables to set the most comfortable height according to kids' age and allows the kids to better control the electric bike.



Image: Adjusting the seat height for optimal comfort and safety.

- Initial Charge:** Before the first ride, fully charge the battery. Locate the charging port near the footrests. Connect the charger to the bike and then to a power outlet. The charging time is approximately 3-4 hours.



Image: Battery location within the frame.

OPERATING INSTRUCTIONS

The Hiboy BK1 features a user-friendly design with a kick-off start mechanism and dual-speed modes.

Kick-Off Start

To activate the electric assist, the bike requires a kick-off start. This safety feature prevents accidental acceleration.

1. Place both feet on the ground.
2. Push off the ground lightly with your feet to gain initial momentum.
3. Once the bike is gliding, gently press the accelerator (throttle) on the right handlebar to engage the motor.
4. Place your feet on the footrests once the motor is engaged and you are balanced.

One Kick start function

Before using the throttle to get electric assist, you need to kick the ground lightly with both feet to get the bike up to initial speed.



This avoids the danger of a child accidentally touching the throttle before balancing on the bike.

Image: Demonstrating the kick-off start function.

Speed Modes

The Hiboy BK1 offers two speed modes for adaptable riding experiences:

- **Low Speed Mode:** Ideal for beginners or riding in confined spaces.
- **High Speed Mode:** For more experienced riders, reaching speeds up to 9 MPH.

Refer to the bike's controls for switching between speed modes. (Note: Specific button for speed mode not detailed in input, general instruction provided).

Braking

The bike is equipped with a front V-brake for reliable stopping power. To brake, gently squeeze the brake lever on the left handlebar.

Official Product Video

Your browser does not support the video tag.

Video: Official Hiboy BK1 Electric Balance Bike overview, demonstrating features and usage. (Source: Hiboy Direct)

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Hiboy BK1 Electric Balance Bike.

- **Charging:** Charge the battery fully after each use, especially if it will be stored for an extended period. The battery provides up to 4.9 miles of range on a single charge.
- **Cleaning:** Wipe down the bike with a damp cloth after use. Avoid using high-pressure water jets or harsh chemicals.
- **Tire Pressure:** Periodically check the tire pressure to ensure optimal performance and safety.
- **Brake Check:** Regularly inspect the brake lever and V-brake for proper function and wear. Adjust or replace components as needed.
- **Storage:** Store the bike in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Hiboy BK1 Electric Balance Bike.

Problem	Possible Cause	Solution
Bike does not start or accelerate.	Battery is low or depleted. Kick-off start not performed.	Charge the battery fully. Ensure the bike is moving before engaging the throttle.
Reduced range or power.	Battery not fully charged. Riding on inclines or rough terrain.	Ensure battery is fully charged. Range may vary based on terrain and rider weight.
Brakes feel loose or ineffective.	Brake cable needs adjustment. Brake pads are worn.	Adjust the brake cable tension. Inspect and replace brake pads if necessary.
Unusual noises during operation.	Loose components. Debris in motor or wheels.	Check all bolts and fasteners for tightness. Inspect wheels and motor area for obstructions.

SPECIFICATIONS

Detailed technical specifications for the Hiboy BK1 Electric Balance Bike:

Feature	Specification
Model Name	Hiboy BK1
Bike Type	Electric Balance Bike
Age Range (Description)	Kids (Ages 3-5 recommended)
Dimensions (L x W x H)	35.9 x 20.2 x 24.4 inches
Item Weight	20.06 Pounds
Maximum Weight Recommendation	77.16 Pounds
Wheel Size	12 Inches
Motor Power (Peak/Regular)	150W Peak / 100W Regular
Max Speed	Up to 9 MPH (Dual Speed Modes)
Max Range	Up to 4.9 Miles
Charging Time	3-4 Hours
Waterproof Rating	IPX4 (Splash resistant)
Frame Material	Carbon Steel
Brake Style	Linear Pull (Front V-Brake)
Adjustable Seat Height	17.2 to 19.1 inches

PERFIT SIZE - Easy to Control

Designed as a mini size and weighs only 20.06 lbs, the kids' electric bike is definitely an ideal bike that is easy for little kids to learn to ride without the concern of tumbling.



Image: Key dimensions and weight of the bike.

WARRANTY AND SUPPORT

The Hiboy Electric Balance Bike for Kids, Model BK1, comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or general inquiries, please visit the official Hiboy website or contact their customer service. You can find more information and products at the Hiboy Store.