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## FREESKY FREESKY 2

# FREESKY 2 Electric Bike User Manual

Model: FREESKY 2

Brand: FREESKY

## INTRODUCTION AND SAFETY GUIDELINES

This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your FREESKY 2 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Failure to follow the instructions and warnings could result in serious injury or damage to the bicycle.

### Important Safety Information:

- Always wear a helmet that meets safety standards when riding.
- Obey all local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure the battery is securely locked in place before riding.

## SETUP AND ASSEMBLY

Your FREESKY 2 Electric Bike comes partially assembled. Follow these steps carefully to complete the assembly.

### 1. Unpacking:

1. Carefully remove the bike and all components from the packaging.
2. Check for any shipping damage and ensure all parts are present according to the packing list.

### 2. Handlebar Installation:

1. Attach the handlebar to the stem, ensuring proper alignment.
2. Tighten the stem bolts securely using an appropriate hex key.

### 3. Front Wheel Installation:

1. Insert the front wheel into the fork dropouts, ensuring the brake rotor aligns with the caliper.
2. Secure the wheel using the quick-release skewer or axle nuts.

#### **4. Pedal Installation:**

1. Identify the left (L) and right (R) pedals.
2. Thread the pedals into the crank arms. The right pedal tightens clockwise, the left pedal tightens counter-clockwise.
3. Tighten firmly with a pedal wrench.

#### **5. Seat Post and Saddle Adjustment:**

1. Insert the seat post into the frame's seat tube.
2. Adjust the saddle height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke.
3. Secure the seat post clamp.

#### **6. Battery Installation and Initial Charge:**

1. Insert the removable battery into its compartment on the bike frame.
2. Lock the battery using the provided key.
3. Before first use, fully charge the battery using the supplied charger. Connect the charger to the battery port, then plug into a power outlet. The indicator light on the charger will change when fully charged.

## **OPERATING INSTRUCTIONS**

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### **1. Powering On/Off:**

- To power on, press and hold the power button on the display panel for a few seconds.
- To power off, press and hold the power button again until the display turns off.

### **2. Display Functions:**

The LCD display shows important information such as speed, battery level, pedal assist level, trip distance, and total mileage. Refer to the display's specific manual for detailed navigation.

### **3. Pedal Assist System (PAS):**

- The FREESKY 2 offers multiple levels of pedal assist. Use the '+' and '-' buttons on the control panel to adjust the assist level.
- Higher levels provide more motor assistance, while lower levels require more rider effort.

### **4. Throttle Operation:**

The bike is equipped with a throttle for power on demand. Gently twist the throttle to engage the motor without pedaling. Always be mindful of your speed and surroundings when using the throttle.

### **5. Gear Shifting:**

The FREESKY 2 features a 7-speed gear system. Use the shifter on the handlebar to change gears. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

### **6. Braking System:**

Your bike is equipped with 4-Piston Dual Hydraulic Disc Brakes. Apply both brake levers simultaneously for effective and controlled stopping. Avoid sudden, hard braking, especially at high speeds.

## 7. NFC System:

The integrated NFC system provides enhanced security and functionality. Tap your NFC-enabled device or card to the designated area to unlock or activate specific features. Refer to the NFC system's dedicated guide for setup and usage details.

## MAINTENANCE

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Regular maintenance is crucial for the longevity and safe operation of your electric bike.

### 1. Cleaning:

- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washing, especially near electrical components.
- Dry the bike thoroughly after cleaning.

### 2. Tire Pressure:

- Check tire pressure before each ride. Refer to the sidewall of the tire for recommended PSI.
- Proper tire pressure improves ride quality, efficiency, and prevents punctures.

### 3. Brake Inspection:

- Regularly inspect brake pads for wear and replace them if necessary.
- Check brake levers for proper tension and responsiveness. Adjust or bleed hydraulic brakes if they feel spongy.

### 4. Chain Lubrication:

- Lubricate the chain regularly, especially after riding in wet conditions.
- Use a bicycle-specific chain lubricant.

### 5. Battery Care:

- Store the battery in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently. Charge it after each ride or when the charge level drops significantly.
- If storing for an extended period, charge the battery to 50-70% and check it every few months.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your FREESKY 2 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, power button not pressed correctly.	Ensure battery is fully charged and securely locked. Press and hold power button firmly. Check connections.

Problem	Possible Cause	Solution
Motor not assisting.	Pedal assist level set to zero, brake levers engaged, motor connection loose.	Increase pedal assist level. Release brake levers. Check motor cable connections.
Brakes squealing.	Contaminated brake pads/rotors, worn pads, misaligned caliper.	Clean rotors and pads with disc brake cleaner. Replace worn pads. Adjust caliper alignment.
Gears are skipping or not shifting smoothly.	Derailleur out of adjustment, bent hanger, dirty chain.	Adjust derailleur limits and cable tension. Inspect hanger for damage. Clean and lubricate chain.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact FREESKY customer support.

## SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Brand	FREESKY
Number of Speeds	7
Frame Material	6061 Aluminum Bike Frame
Brake Style	4-Piston Dual Hydraulic Disc Brake
Year Model	2024
Special Feature	Disc Brakes, Removable Battery, NFC System
Maximum Speed (Approx.)	32MPH   35MPH   38MPH (depending on assist level and conditions)

## WARRANTY AND SUPPORT

### Warranty Information:

The FREESKY 2 Electric Bike comes with an **18 Months Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover normal wear and tear, misuse, accidents, or unauthorized modifications. Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, warranty claims, or spare parts, please contact FREESKY customer support. You can find contact information on the official FREESKY website or through your original point of purchase. When contacting support, please have your model number (FREESKY 2) and purchase date ready.

Visit the official FREESKY store for more information: [FREESKY Store on Amazon](#)



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