**APYEAR A6-Folding Electric bike**

# APYEAR Bike 73D A6-Folding Electric Bike User Manual

## 1. Introduction

Thank you for choosing the APYEAR Bike 73D A6-Folding Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure a safe and enjoyable riding experience.

## 2. Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Be aware of local traffic laws and regulations. This electric bike is designed for adult use. Do not allow children to operate the bike without proper supervision.

- Always perform a pre-ride inspection before each use.
- Ensure brakes are functioning correctly.
- Check tire pressure and condition.
- Verify all quick releases and fasteners are securely tightened.
- Do not ride under the influence of alcohol or drugs.
- Be cautious in wet conditions, as braking distance will increase.
- Avoid riding in heavy traffic or adverse weather conditions if you are not experienced.

## 3. Package Contents

Upon unpacking, please verify that all components are present and undamaged:

- APYEAR Bike 73D A6-Folding Electric Bike (main unit)
- Battery Charger
- User Manual (this document)
- Basic Tool Kit (may vary)

## 4. Setup and Assembly

Your APYEAR Bike 73D is designed for easy assembly. Follow these steps carefully.

### 4.1 Unpacking

1. Carefully remove the bike and all components from the packaging.
2. Remove all protective wrapping and ties.
3. Inspect for any visible damage during shipping. Contact customer support immediately if damage is found.

### 4.2 Initial Assembly

The APYEAR Bike 73D features a front hydraulic suspension system for enhanced comfort and control. Ensure all suspension components are correctly aligned and secured during assembly.




**Image 1:** The APYEAR Bike 73D featuring its front hydraulic suspension system, shown with riders navigating diverse environments such as beaches, snowy paths, city streets, and muddy trails. This system is crucial for absorbing shocks and providing a smoother ride.

4. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened

securely.

5. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully threaded and tightened.
6. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the height for a comfortable riding position. Secure it with the quick-release lever.
7. **Folding Mechanism Check:** Familiarize yourself with the folding mechanism. Ensure it latches securely in both the folded and unfolded positions.

### 4.3 Battery Charging

Before your first ride, fully charge the battery.

1. Locate the charging port on the bike.
2. Connect the charger to the charging port, then plug the charger into a standard electrical outlet.
3. The indicator light on the charger will typically show red during charging and turn green when fully charged.
4. Charging time may vary, but typically takes several hours for a full charge.
5. Do not overcharge the battery. Disconnect the charger once charging is complete.

## 5. Operating Instructions

Understanding how to operate your electric bike is crucial for a safe and enjoyable experience.

### 5.1 Powering On/Off

- To power on the bike, press and hold the power button on the control panel (usually located on the handlebar).
- To power off, press and hold the power button again until the display turns off.

### 5.2 Pedal Assist System (PAS) and Throttle

Your APYEAR Bike 73D features both a Pedal Assist System (PAS) and a throttle for varying levels of assistance.

- **Pedal Assist:** The bike has 3 speeds/levels of pedal assist. Select your desired level using the control panel. The motor will provide assistance as you pedal. Higher levels provide more assistance.
- **Throttle:** The throttle provides power on demand without pedaling. Twist the throttle grip to engage the motor. Use the throttle responsibly and be aware of your surroundings.

### 5.3 Gear Shifting

The bike is equipped with a 3-speed gearing system. Use the shifter (typically on the right handlebar) to change gears according to terrain and desired effort. Shift smoothly to avoid damage to the drivetrain.

### 5.4 Braking

The APYEAR Bike 73D utilizes disc brakes for reliable stopping power. The left lever typically controls the front brake, and the right lever controls the rear brake. Apply both brakes simultaneously for effective and controlled stopping. Avoid sudden, hard braking, especially with the front brake, to prevent skidding.

### 5.5 Folding and Unfolding

The foldable design allows for convenient storage and transport. Refer to the specific folding instructions provided with your bike for detailed steps. Always ensure the frame is securely latched in both folded and unfolded positions before riding or transporting.




**Image 2:** A rider on the APYEAR Bike 73D on a sandy beach, illustrating the comfortable ride experience. The image emphasizes the newly upgraded material of the seat, designed to significantly reduce fatigue and improve comfort by 50% during rides.

## 6. Maintenance

Regular maintenance will prolong the life of your electric bike and ensure safe operation.

### 6.1 Cleaning

- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washing, especially near electrical components.
- Do not submerge the bike or battery in water.

### 6.2 Tire Care

- Check tire pressure before each ride. The recommended pressure for 14-inch wheels is usually indicated on the tire sidewall.
- Inspect tires for wear, cuts, or punctures.

### 6.3 Brake System

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust brake cables if there is too much slack.

### 6.4 Battery Care

- Store the battery in a cool, dry place.
- If storing for extended periods, charge the battery to 50-70% every 1-2 months.
- Use only the original charger provided.

### 6.5 General Inspection

- Periodically check all bolts, nuts, and fasteners for tightness.
- Lubricate the chain regularly.
- Inspect cables and wiring for any signs of wear or damage.

## 7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

| Problem | Possible Cause | Solution |
|---|---|---|
| Bike does not power on | Battery not charged; Battery not properly seated; Loose connection | Charge battery; Ensure battery is fully inserted; Check all electrical connections |
| Motor not assisting | PAS level too low or off; Battery low; Sensor issue | Increase PAS level; Charge battery; Inspect pedal assist sensor for damage |
| Brakes feel spongy or ineffective | Worn brake pads; Air in hydraulic system (if applicable); Loose brake cable | Replace brake pads; Consult a bike mechanic for hydraulic brake bleeding; Adjust brake cable tension |
| Unusual noises during riding | Loose components; Dry chain; Misaligned gears | Check all bolts and fasteners; Lubricate chain; Adjust gear derailleur |

## 8. Specifications

Detailed technical specifications for the APYEAR Bike 73D A6-Folding Electric Bike:

| Feature | Specification |
|---|---|
| Bike Type | Electric Bike |
| Model Name | Bike 73D |
| Model Number | A6-Folding Electric bike White |
| Brand | APYEAR |

| Feature | Specification |
|---|---|
| Age Range (Description) | Adult |
| Number of Speeds | 3 |
| Wheel Size | 14 inches |
| Frame Material | Aluminum |
| Suspension Type | Front (Hydraulic) |
| Special Feature | Foldable |
| Included Components | Charger |
| Brake Style | Disc |
| Power Source | Electric motor |
| Lithium Battery Energy Content | 576 watt-hours |
| Color | White |
| Specific Uses For Product | Trail |

## 9. Warranty and Support

### 9.1 Warranty Information

The APYEAR Bike 73D A6-Folding Electric Bike comes with a Limited Warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Generally, this warranty covers manufacturing defects for a period of one year from the date of purchase. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.

### 9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your APYEAR electric bike, please contact the manufacturer, APYEAR, directly. Contact information can typically be found on the APYEAR official website or on your purchase documentation.

**Manufacturer:** APYEAR

When contacting support, please have your model number (A6-Folding Electric bike White) and proof of purchase readily available.