

Adore KS-240

Adore KS-240 E-Bike User Manual

Model: KS-240 | Brand: Adore

1. INTRODUCTION

Thank you for choosing the Adore KS-240 E-Bike. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.

The Adore KS-240 is a 24-inch aluminum kids city e-bike designed for young riders, featuring a 30NM rear motor and a 10.4Ah battery, finished in a matte ice blue color. It offers a blend of style, stability, and performance for an agile and comfortable riding experience.

2. SAFETY INFORMATION

WARNING: Always wear a helmet when riding your e-bike. Obey all local traffic laws and regulations.

- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Ensure all bolts and quick releases are securely tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- The e-bike is delivered 98% pre-assembled. Final assembly must be performed by a qualified person to ensure safe operation.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- Adore KS-240 E-Bike (main frame, wheels, handlebars, seat, etc.)
- Battery Pack (integrated or removable, depending on model)
- Battery Charger
- Bicycle Kickstand
- User Manual (this document)
- Assembly Tools (if applicable)

If any items are missing or damaged, please contact customer support immediately.

4. SETUP AND INITIAL ASSEMBLY

Your Adore KS-240 E-Bike arrives approximately 98% pre-assembled. Professional final assembly is required to ensure safety and proper function. This section outlines the general steps for final assembly.

4.1 Unpacking

Carefully remove the e-bike and all components from the packaging. Retain the packaging for future transport or storage.

4.2 Handlebar Installation

Attach the handlebars to the stem. Ensure they are centered and tightened securely. The image below shows the handlebar and stem assembly.



Figure 4.2.1: Handlebar and Stem Assembly.

4.3 Pedal Installation

Identify the left (L) and right (R) pedals. Apply a small amount of grease to the threads and screw them into the crank arms. Remember that the left pedal has a reverse thread. Tighten firmly.



Figure 4.3.1: Crankset and Pedals.

4.4 Seat Post and Saddle Adjustment

Insert the seat post into the frame and adjust the saddle height to ensure a comfortable and safe riding position. Secure the quick release or bolt firmly. The image below shows the saddle and seat post.



Figure 4.4.1: Saddle and Seat Post.

4.5 Tire Inflation

Inflate the tires to the recommended pressure indicated on the tire sidewall. The Adore KS-240 uses KENDA K1177 MTB-Reifen 24" x 2.1" tires.

4.6 Battery Charging

Before first use, fully charge the battery using the provided charger. Connect the charger to the battery port and then to a

power outlet. The charging indicator will show the charging status.

4.7 Brake Check

Verify that both front and rear mechanical disc brakes are functioning correctly. Ensure the brake levers are easily accessible and provide firm stopping power. The image below shows the front disc brake.



Figure 4.7.1: Front Disc Brake.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the e-bike, press and hold the power button on the display unit. To power off, press and hold the power button again. The display unit shows speed, distance, and battery level.



Figure 5.1.1: VINKA Display Unit.

5.2 Pedal Assist Levels

The Adore KS-240 features multiple pedal assist levels. Use the '+' and '-' buttons on the display to adjust the level of motor assistance. Higher levels provide more power, while lower levels conserve battery life.

5.3 Gear Shifting

This e-bike is equipped with a 7-speed SHIMANO Tourney derailleur and SHIMANO SL-M31 Rapid Fire shifter. Use the shifter on the handlebar to change gears according to terrain and desired speed. Shift gears smoothly to avoid strain on the drivetrain.



Figure 5.3.1: Rear Derailleur and Cassette.



Figure 5.3.2: Gear Shifter.

5.4 Braking

The e-bike features mechanical disc brakes. Apply both front and rear brakes simultaneously for effective and controlled stopping. Avoid sudden, hard braking, especially at high speeds.

5.5 Rear Motor Operation

The 30NM rear hub motor provides assistance as you pedal. This motor is designed for smooth power delivery, making uphill climbs and longer rides easier. The image below shows the rear hub motor.



Figure 5.5.1: Rear Hub Motor.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Adore KS-240 E-Bike.

6.1 Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

6.2 Lubrication

Lubricate the chain regularly with bicycle-specific chain lubricant, especially after riding in wet conditions. Also, check and lubricate other moving parts as needed.

6.3 Brake Adjustment

Check brake pad wear and cable tension periodically. Adjust or replace components as necessary to maintain effective braking performance.

6.4 Tire Care

Inspect tires for wear, cuts, or punctures before each ride. Maintain correct tire pressure as indicated on the tire sidewall.

6.5 Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

- Do not attempt to open or repair the battery pack.

6.6 Professional Inspection

It is recommended to have your e-bike inspected by a qualified bicycle mechanic at least once a year, or more frequently if you ride often or in challenging conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
E-bike does not power on.	Battery is not charged or not properly connected.	Ensure battery is fully charged and securely seated. Check connections.
Motor assistance is weak or non-existent.	Low battery, incorrect pedal assist level, or sensor issue.	Charge battery. Increase pedal assist level. Check pedal sensor for obstructions.
Brakes feel spongy or ineffective.	Worn brake pads, loose cable, or air in hydraulic system (if applicable).	Adjust brake cable tension. Replace worn pads. Consult a mechanic for hydraulic issues.
Gears are not shifting smoothly.	Derailleur misalignment, stretched cable, or dirty drivetrain.	Clean and lubricate drivetrain. Adjust derailleur. Consult a mechanic if issues persist.
Unusual noises during riding.	Loose components, dry chain, or bearing issue.	Inspect all bolts and connections. Lubricate chain. If noise persists, seek professional inspection.

For issues not listed here or if solutions do not resolve the problem, please contact Adore customer support or a certified bicycle mechanic.

8. SPECIFICATIONS

Feature	Detail
Model	Adore KS-240
Frame Material	Aluminum
Wheel Size	24 inches
Motor	Rear Hub Motor, 30NM
Battery Capacity	10.4Ah
Gears	7-Speed Chain Shifting (SHIMANO Tourney)
Shifter	SHIMANO SL-M31 Rapid Fire
Brakes	Mechanical Disc Brakes (Front & Rear)

Feature	Detail
Tires	KENDA K1177 MTB-Reifen 24" x 2.1"
Saddle	SELLE ROYAL Freeway
Crankset	PROWHEEL Aluminum Crankset, 38 Teeth Chainring
Weight	Approx. 20.2 kg (44.5 lbs)
Recommended Age	Youth
Color	Matte Ice Blue
Included Components	Battery Charger, Bicycle Kickstand

9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact Adore customer service. Keep your purchase receipt as proof of purchase.
Manufacturer: Schalow & Kroh GmbH
For further assistance, please visit the official Adore store on Amazon:[Adore Store](#)

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