Aairsk GT300

Aairsk Electric Bike GT300 User Manual

Model: GT300

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Aairsk GT300 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. The Aairsk GT300 is a 26-inch electric mountain bicycle designed for commuting and touring, featuring a powerful 748W peak motor, a long-range removable battery, and a full suspension system for a comfortable riding experience.

Safety Information

Always wear a helmet and appropriate safety gear when riding. Ensure all components are properly assembled and secured before each use. Adhere to local traffic laws and regulations.

- Regularly check tire pressure, brake function, and battery charge level.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- The maximum load capacity for this bike is 120 kg (330 lbs). Do not exceed this limit.

Package Contents

Upon opening the package, verify that all components are present:

- 1x Aairsk 26" Electric Bike (90% pre-assembled)
- 1x Charger
- 1x Tool Kit
- 1x User Manual (this document)



Image: The Aairsk GT300 Electric Bike, shown with a coiled bike lock and a portable pump, which are typically included accessories.

Setup and Assembly

Your Aairsk GT300 Electric Bike comes 90% pre-assembled. Follow these steps to complete the assembly:

1. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
2. **Front Wheel Installation:** Install the front wheel, making sure the quick-release skewer or axle nuts are properly tightened. Ensure the brake rotor is correctly aligned with the caliper.
3. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads before installation.
4. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Ensure the quick-release clamp is securely fastened.

5. **Battery Installation:** Insert the removable lithium-ion battery into its compartment. Ensure it clicks into place securely.
6. **Initial Charge:** Fully charge the battery before your first ride. Refer to the "Charging the Battery" section for details.
7. **Pre-Ride Check:** Before riding, perform a thorough check of brakes, tires, and all bolted connections.

An installation video is typically available on the product page for visual guidance.

Operating Instructions

Battery and Charging



Image: The removable 468WH lithium-ion battery integrated within the bike's frame, highlighting its capacity and protection features.

The Aairsk GT300 is equipped with a 468WH removable lithium-ion battery with a Battery Management System (BMS) for enhanced safety. The battery provides a range of up to 65km (40+ miles) in pedal-assist mode.

- **Charging:** Connect the charger to the bike's charging port and then to a power outlet. The battery cannot be charged separately when removed from the bike.
- **Battery Removal:** To remove the battery, unlock it with the provided key and slide it out of the frame.
- **Battery Care:** Avoid fully discharging the battery. Store the bike and battery in a cool, dry place.

Powering On/Off and Display



Image: The smart colorful LCD screen on the handlebar, displaying ride data such as speed, battery, and distance, and showing the keyless activation area.

The bike features an upgraded colorful LCD display for tracking ride data.

- **Power On/Off:** The display is keyless. Simply touch the LCD display with the provided card key to turn it on or off.
- **Display Information:** The display shows current speed, battery level, mileage, and pedal-assist level.

Riding Modes and Speed Control



Image: Demonstrating the three riding modes: Bicycle Mode (pedal only), Pedal Assist Mode (5 levels), and Throttle Mode, along with the Shimano 7-speed derailleur.

The Aairsk GT300 offers three distinct working modes:

1. **Bicycle Mode:** Ride the bike like a traditional bicycle, using only pedal power.
2. **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. There are 5 adjustable speed levels: 10 mph, 13 mph, 16 mph, 20 mph, and 23 mph. The maximum speed in this mode is adjustable up to 25 mph.
3. **Throttle Mode:** Twist the throttle on the right-hand grip to engage the motor without pedaling. The maximum speed is 23-25 mph.

The bike is equipped with a Shimano 7-speed derailleur for smooth gear changes, allowing you to adapt to various terrains.

Braking System



Image: Detailed view of the dual disc braking system on both front and rear wheels, emphasizing sensitive and fast braking capability.

The Aairsk GT300 features a dual disc braking system on both the front and rear wheels, providing sensitive and fast braking ability for enhanced safety and control in various situations.

- Apply both brakes simultaneously for optimal stopping power.
- Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

Maintenance

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Tires:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall. Inspect tires for wear, cuts, or punctures.
- **Brakes:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or

replace as needed.

- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent rust.
- **Bolts and Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness.
- **Battery:** Keep battery contacts clean. Store the battery charged (ideally 50-70%) if not used for extended periods.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.



Image: The powerful 748W peak brushless motor, designed for efficient climbing and high speeds.

The brushless motor requires minimal maintenance, but ensure it remains free of debris and is not exposed to excessive moisture.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Bike does not power on.	Battery not installed correctly, battery discharged, display not activated.	Ensure battery is fully seated. Charge battery. Touch card key to display.
Motor not assisting.	Low battery, PAS level set to 0, throttle issue, brake lever sensor engaged.	Charge battery. Increase PAS level. Check throttle connection. Ensure brake levers are fully released.
Brakes feel weak.	Worn brake pads, loose cable, air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Unusual noises during ride.	Loose components, dry chain, rubbing brakes.	Check all bolts. Lubricate chain. Adjust brake calipers.

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

Specifications



Image: Key dimensions of the Aairsk GT300 electric bike, including total length, handlebar height, wheelbase, and seat height range, along with rider height and max load capacity.

Feature	Detail
Model	GT300
Bike Type	Electric Mountain Bicycle
Motor	748W Peak Brushless Motor
Max Speed	23-25 mph (adjustable)
Battery	468WH Removable Lithium-Ion
Max Range (PAS Mode)	Up to 65 km (40+ miles)
Frame Material	High Carbon Steel

Feature	Detail
Wheel Size	26 Inches
Tires	26"*1.95" Large Tires
Brake Type	Dual Disc Brakes
Suspension	Front Suspension (Lockable & Adjustable), Rear Suspension
Gears	21-Speed Shimano Derailleur
Display	Colorful LCD Display (Keyless)
Max Load Capacity	120 kg (330 lbs)
Item Weight	28.2 kg (52.9 lbs)
Total Length	59.06 inches
Handlebar Height	37.4 inches
Wheelbase	43.31 inches
Seat Height	33.07 - 37.8 inches
Included Components	Electric Bike, Charger, Tool Kit, User Manual

Warranty and Support

Aairsk provides a **60-month manufacturer warranty** for your electric bike, covering free replacement parts. Additionally, lifetime technical support (including fault diagnosis) is available.
If you encounter any issues with your bike, please send an email with a video or picture detailing the problem to the manufacturer's support email: support@aairsk.com.
For returns, please retain the original packaging for at least one month from the date of purchase.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question