

Taubik RTWETAUB7542000560083

Taubik Aspect Ebike Electric Bicycle User Manual

Model: RTWETAUB7542000560083

1. INTRODUCTION

Welcome to the Taubik Aspect Ebike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper assembly, understanding of features, and adherence to safety guidelines.

The Taubik Aspect is designed for adventure and reliability, featuring a robust frame, integrated battery, and solid aluminum rims for reduced maintenance. It is UL2849 certified, ensuring high safety standards for its electrical system.

2. IMPORTANT SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. This ebike is designed for adult use.

UL 2849 Certification

The Taubik Aspect Ebike is UL 2849 certified, indicating that its electrical system, including the battery, motor, and controller, has been tested and found to comply with stringent safety standards for electric bicycles. This certification helps mitigate potential fire and electrical hazards.

Battery Management System (BMS)

The integrated 48V15Ah Samsung Cells 21700 battery is equipped with an Intelligent Battery Monitoring System (BMS). This system provides critical protections:

- Short Circuit Protection
- Over Charge Protection
- Temperature Anomaly Protection
- Over Discharge Protection
- Over Current Protection
- Under Voltage Auto Sleep

Do not attempt to modify the battery or BMS. Use only the charger provided by Taubik.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Taubik Aspect Ebike:



Figure 3.1: The Taubik Aspect Ebike in Olive Green, showcasing its robust frame, fat tires, and integrated components. The image displays the full bicycle from a side angle, highlighting the front and rear wheels, handlebars, seat, and rear rack.

- **Frame:** 6061 Aircraft Aluminum for durability and stability.
- **Motor:** 500 Watt Bafang motor, providing reliable power assist.
- **Battery:** Integrated 48V15Ah Samsung Cells 21700 battery with BMS.
- **Display:** Digiwise Speedo BC352 LCD display for real-time data.
- **Tires:** 20 x 4 Fat Tires for versatile terrain capability.
- **Rims:** Solid Aluminum Rims, designed for reduced maintenance.
- **Brakes:** Front & Rear Hydraulic ZOOM Disc Brakes (180mm rotor size) for strong stopping power.
- **Gears:** Shimano Rapid Fire Trigger Shift with Altas 7-Speed Derailleur.
- **Lights:** Sate-Lite C7PLUS 80 lumens Head Light and Integrated Rear Light with Braking Indicator.
- **Rear Rack:** Convenient integrated rear rack for utility.
- **Handlebars:** Adjustable Handlebars for rider comfort.

4. SETUP AND INITIAL CHECKS

Your Taubik Aspect Ebike may require some assembly upon arrival. Follow the instructions provided in the separate assembly guide for detailed steps. Once assembled, perform the following initial checks:

1. **Handlebar Alignment:** Ensure handlebars are straight and securely tightened.
2. **Seat Adjustment:** Adjust the seat height for comfortable pedaling, ensuring your feet can touch the ground when stopped.

3. **Tire Pressure:** Check tire pressure. The 20 x 4 fat tires require specific pressure, typically lower than standard bike tires. Refer to the tire sidewall for recommended PSI.
4. **Brake Functionality:** Test both front and rear hydraulic disc brakes to ensure they engage smoothly and effectively.
5. **Gear Shifting:** Verify that the 7-speed Shimano gears shift smoothly through all ranges.
6. **Light Operation:** Confirm the front headlight and rear brake light are functioning correctly.
7. **Battery Charge:** Ensure the battery is fully charged before your first ride. Refer to the "Battery and Charging" section for details.

If any component appears loose, damaged, or not functioning correctly, do not ride the ebike. Contact Taubik support for assistance.

5. OPERATING YOUR TAUBIK ASPECT EBIKE

Powering On/Off

Locate the power button on the Digiwise Speedo BC352 display. Press and hold to turn the ebike system on or off.

Digiwise Speedo BC352 Display

The smart LCD display provides essential riding information:

- Current Speed
- Average Speed
- Battery Level Indicator
- Pedal Assist Level (PAS)
- Distance Traveled (Odometer/Trip)
- Calories Burned

Consult the display's specific manual for detailed navigation and setting adjustments.

Pedal Assist System (PAS)

The Taubik Aspect features 5 levels of pedal assist. Use the '+' and '-' buttons on the display control panel to adjust the assist level. Higher levels provide more motor assistance, making pedaling easier.

Throttle Control

The ebike includes a full-speed throttle for propulsion without pedaling. Use the throttle responsibly and be aware of your surroundings. The maximum speed is 32 km/hour (20 mph) in assisted mode, with an off-road speed capability of 40 km/hour (25 mph).

Gear Shifting

Utilize the Shimano Rapid Fire Trigger Shift to change between the 7 available gears. Shift gears smoothly to match terrain and speed, optimizing your riding experience and battery efficiency.

Braking

The Front & Rear Hydraulic ZOOM Disc Brakes provide reliable stopping power. Apply both brakes simultaneously for balanced and effective deceleration. The rear light integrates a braking indicator for enhanced visibility.

6. BATTERY AND CHARGING

Battery Specifications

Your Taubik Aspect is powered by a 48V15Ah battery utilizing Samsung 21700 cells. This integrated battery provides a distance per charge ranging from 30 km to 120 km, depending on terrain, assist level, rider weight, and riding style.

Charging Procedure

Always use the charger included with your Taubik Aspect Ebike. Charging time typically ranges from 3 to 6 hours for a full charge.

1. Ensure the ebike is turned off before charging.
 2. Locate the charging port on the ebike.
 3. Connect the charger to the ebike's charging port, then plug the charger into a standard wall outlet.
 4. The charger's indicator light will typically show red during charging and turn green when fully charged.
 5. Once charging is complete, disconnect the charger from the wall outlet first, then from the ebike.
- Do not leave the battery charging unattended for extended periods. Store the battery in a cool, dry place when not in use.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Taubik Aspect Ebike. Perform these checks periodically:

- **Tires:** Regularly check tire pressure and inspect for wear or damage. The solid aluminum rims reduce spoke maintenance.
- **Brakes:** Inspect brake pads for wear and ensure hydraulic lines are intact. If braking performance diminishes, have them serviced by a qualified technician.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on the handlebars, seat post, wheels, and frame.
- **Cleaning:** Clean your ebike with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- **Battery Care:** Avoid fully discharging the battery. If storing for extended periods, charge it to about 50-70% and recharge every 1-2 months.

For complex repairs or electrical system issues, it is recommended to seek professional service.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Taubik Aspect Ebike. For problems not listed here, or if solutions do not resolve the issue, please contact customer support.

Problem	Possible Cause	Solution
Ebike does not power on.	Battery is not charged or not properly connected.	Ensure battery is fully charged and securely seated. Check power button connection.
Motor not assisting.	Pedal assist level is set to zero; brake levers are engaged; motor cable is loose.	Increase PAS level. Release brake levers. Check motor cable connections.
Brakes feel spongy or weak.	Air in hydraulic lines; worn brake pads.	Have hydraulic brakes bled by a professional. Replace worn brake pads.
Gears are not shifting smoothly.	Derailleur adjustment needed; dirty or dry chain.	Adjust derailleur. Clean and lubricate chain.

9. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	RTWETAUB7542000560083
Bike Type	Electric Bike
Frame Material	6061 Aircraft Aluminum
Motor	500 Watt Bafang
Controller	48v22A Speed Sensor BBSS1P12-L25L
Battery	48V15Ah Samsung Cells 21700
BMS	Intelligent Battery Monitoring System (Short Circuit, Over Charge, Temp Anomaly, Over Discharge, Over Current, Under Voltage Auto Sleep Protection)
UL Certification	UL 2849 Certified
Display	Digiwise Speedo BC352 (Provides Average Speed, Calories Burned)
Gears	Shimano Rapid Fire Trigger Shift, Altas 7 Speed Derailleur
Tire Size	20 x 4 Fat Tire
Rims	Solid Aluminum Rims
Brakes	Front & Rear Hydraulic ZOOM Disc (180mm Rotor Size)
Head Light	Sate-Lite C7PLUS with 80 lumens
Rear Light	Integrated with Braking Indicator
Rear Rack	Yes
Adjustable Handlebars	Yes
Weight	32.7 kg (72.1 lbs)
Weight Capacity	150 kg (330 lbs)
Max Speed (Assisted)	32 km/hour (20 mph)
Max Speed (Off-road)	40 km/hour (25 mph)
Distance Per Charge	30-120 km
Charging Time	3-6 hours
Suspension	Front (RST Guild Coil Forks)
Color	Olive Green

10. WARRANTY AND SUPPORT

For information regarding your Taubik Aspect Ebike's warranty, please refer to the warranty card included with your purchase or visit the official Taubik website. For technical support, parts, or service inquiries, please contact Taubik customer service.

Manufacturer: Taubik

Place of Business: 19103 Highway 48 Mount Albert ON L0G 1M0

Contact Numbers: 1-866-802-1805, 905-596-7433