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Baicycle A15 Black

Baicycle A15 Electric Bike User Manual

Model: A15 Black

1. INTRODUCTION

The Baicycle A15 electric bike is designed to provide a versatile and comfortable riding experience for adults. Featuring a robust motor, dual removable batteries for extended range, and a durable frame, it is suitable for various terrains and daily commutes. This manual provides essential information for the safe operation, maintenance, and optimal performance of your A15 electric bike.



Figure 1: Baicycle A15 Electric Bike (Black)

This image displays the complete Baicycle A15 electric bike in black, featuring its fat tires, dual seat, and front and rear racks. The bike is shown from a three-quarter front view, highlighting its sturdy build and design.

2. KEY PRODUCT FEATURES

- **Powerful Motor:** Equipped with a 750W rated motor, reaching a 1500W peak, capable of speeds up to 28 MPH and strong climbing ability.
- **Dual Removable Batteries:** Features two 48V 26Ah lithium batteries (1248Wh total capacity) for an extended range of up to 120 miles with pedal assist, and 70 miles in pure electric mode. Offers both hidden built-in and removable charging options.
- **Fat Tires & Suspension:** 20-inch wheels with 4-inch fat tires, combined with dual front suspension and rear shocks, provide excellent grip and shock absorption on various terrains.
- **Multiple Riding Modes:** Supports Throttle Mode, Pedal Assist System (PAS) Mode, Walking Mode (Booster), and Bike Mode for versatile riding experiences.
- **Intelligent LCD Display:** Provides real-time information including speed, battery level, pedal-assist level, and mileage for convenient monitoring.

- **Dual Seater Design:** Features comfortable double PU seats, ideal for long-distance travel and shared riding experiences.
- **Enhanced Safety:** Includes 180mm dual-brake discs for reliable and quick braking, and a front highlight LED light for safe night travel.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Baicycle A15 electric bike.



Figure 2: 1500W Peak Brushless Motor

This image illustrates the internal components of the 1500W peak brushless motor, highlighting its powerful design and integration with the rear wheel. Key specifications like 85 N.M Torque, 28 MPH Max Speed, and 7-speed Shimano Gears are displayed.



Figure 3: Dual Removable Battery System

This image shows the two removable 48V 13Ah batteries integrated into the bike's frame and under the seat. It highlights

features such as BMS Power Saving, UL Safety Certification, and 5-7 hours Fast Charge time.



Figure 4: Front Fork Shock Absorption and Fat Tires

This image focuses on the front wheel, showcasing the front fork suspension system and the 20" x 4" fat tires. Insets highlight the lockable front fork and 180mm disc brakes, emphasizing the bike's shock absorption and braking capabilities.

COLOR SMART LED SCREEN



Figure 5: Color Smart LED Screen and Shimano 7-Speed

This image provides a close-up view of the handlebar, featuring the intelligent color smart LED screen displaying real-time information like speed, battery level, and mileage. The Shimano 7-speed gear shifter is also visible, indicating precise gear control.

4. SETUP AND ASSEMBLY

Your Baicycle A15 electric bike comes mostly pre-assembled. Follow these general steps for final setup:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach and secure the handlebar to the stem. Ensure all bolts are tightened to the manufacturer's specifications.
3. **Pedal Installation:** Identify left (L) and right (R) pedals. Thread them into the crank arms. Note that the left pedal is reverse-threaded.
4. **Seat Adjustment:** Adjust the seat height for comfortable and safe riding. Ensure the quick-release lever or bolts are securely fastened.
5. **Battery Installation:** Insert the removable batteries securely into their compartments. Ensure they click into place.
6. **Initial Charge:** Fully charge both batteries before your first ride. Refer to the charging instructions in the Operating section.
7. **Pre-Ride Check:** Before each ride, check tire pressure, brake function, and ensure all quick-release levers and bolts are tight.

5. OPERATING INSTRUCTIONS

5.1 Riding Modes

The Baicycle A15 offers four distinct riding modes to suit your preference and terrain:

- **Throttle Mode:** Provides electric power without pedaling. Use the throttle on the handlebar to control speed.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. There are multiple levels of assist, which can be adjusted via the LCD display.
- **Walking Mode (Booster):** Provides low-speed assistance for walking the bike, useful when pushing it uphill or through crowded areas.
- **Bike Mode:** The electric system is off, and the bike operates as a traditional bicycle, relying solely on pedal power.

4 WORKING MODES

7 SPEED FOR YOUR CHOICE



Bike Mode
7-Speed Gear



Pure Electric
Max 70 Miles



PAS Mode
100-120 Miles



Walk Mode
Save Effort



Figure 6: Four Working Modes

This image visually represents the four working modes of the Baicycle A15: Bike Mode (7-Speed Gear), Pure Electric (Max 70 Miles), PAS Mode (100-120 Miles), and Walk Mode (Save Effort). A rider is shown on the bike, illustrating its use.

5.2 LCD Display Operation

The intelligent LCD display provides crucial information and allows you to control various settings. Refer to Figure 5 for a visual guide.

- **Power On/Off:** Press and hold the power button on the display unit.
- **Information Display:** The screen shows real-time speed (KM/H or MPH), battery level, current gear/assist level, trip distance, total mileage, and error codes.
- **Adjusting Assist Level:** Use the '+' and '-' buttons to cycle through pedal assist levels (typically 0-5).
- **Headlight Control:** Short press the power button to turn the headlight on or off.

5.3 General Riding Tips

- Always wear a helmet and appropriate safety gear.

- Obey all local traffic laws and regulations.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions.
- Familiarize yourself with the bike's handling and braking characteristics before riding at higher speeds.

5.4 Product Overview Video

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Video 1: Baicycle A15 Electric Bike Overview

This video provides a comprehensive overview of the Baicycle A15 electric bike, showcasing its key features, design, and capabilities in various riding scenarios. It highlights the dual battery system, powerful motor, fat tires, and comfortable dual seat.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric bike. Perform these checks periodically:

- **Tire Pressure:** Check tire pressure before each ride and inflate to the recommended PSI (found on the tire sidewall).
- **Brakes:** Ensure brake levers are firm and responsive. Adjust or replace brake pads as needed.
- **Chain:** Keep the chain clean, lubricated, and properly tensioned.
- **Bolts and Fasteners:** Regularly check and tighten all bolts, nuts, and quick-release levers.
- **Battery Care:** Store batteries in a cool, dry place. Avoid fully discharging them for extended periods. Charge regularly, even when not in use.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Professional Service:** For complex issues or annual tune-ups, consult a qualified bike mechanic.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Baicycle A15 electric bike. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Bike not powering on	Low battery, loose battery connection, power button issue.	Charge batteries fully. Ensure batteries are securely seated. Check power button connection.
Motor not assisting	PAS level set to 0, loose motor cable, brake lever sensor engaged.	Increase PAS level on display. Check motor cable connections. Ensure brake levers are fully released.
LCD display showing error code	System malfunction, sensor issue.	Refer to the display's specific error code guide (if available). Try restarting the bike. Consider restoring factory settings.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. For hydraulic brakes, professional bleeding may be required.

7.1 LCD Display Factory Reset

If you experience persistent issues with the LCD display or wish to revert settings to their original state, you can perform a factory reset. Follow the instructions in the video below:

Your browser does not support the video tag.

Video 2: LCD Display Restore Factory Settings

This video demonstrates the step-by-step process to restore the LCD display of your Baicycle electric bike to its factory default settings. It shows which buttons to press and hold to access and confirm the reset function.

8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	Baicycle
Number of Speeds	7
Color	Black
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	Digital Display, Taillight, Basket, Front Suspension, Dual Disc Brake
Included Components	Horn, Basket
Size	Large
Brake Style	Disc
Wheel Width	4 Inches
Specific Uses For Product	Trail, Snow, Road, Gravel
Item Weight	40 Kilograms (88 Pounds)
Model Name	A15 Black
Power Source	Electric
Wattage	750 watts
Lithium Battery Energy Content	1248 Watt Hours (48V 26Ah Dual)
Seat Material Type	Polyurethane (PU)
Maximum Weight Recommendation	265 Pounds
Assembly Required	No (Minimal final assembly)
Electric Assist Type	Electric (Throttle & Pedal Assist)
Minimum User Height	5.41 Feet

9. WARRANTY AND SUPPORT

Your Baicycle A15 Electric Bike comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers

manufacturing defects in materials and workmanship under normal use.

The warranty does not cover:

- Normal wear and tear.
- Damage caused by improper assembly or maintenance.
- Damage caused by accident, misuse, neglect, or unauthorized modification.
- Commercial use of the product.

For warranty claims, technical support, or any questions regarding your Baicycle A15, please contact Baicycle US customer service through the retailer where you purchased the product or visit the official Baicycle website for contact information.