

BURCHDA R5pro

BURCHDA R5pro Electric Fat Tire Mountain Bike User Manual

Model: R5pro

INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, assembly, and maintenance of your BURCHDA R5pro Electric Fat Tire Mountain Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike. Keep this manual for future reference.

SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Be aware of your surroundings and ride defensively. Avoid riding in adverse weather conditions or on slippery surfaces.

- Always perform a pre-ride inspection.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Ensure all components are securely fastened before each ride.
- Be cautious when riding at night; use the integrated lights and consider additional reflective gear.
- Do not exceed the maximum load capacity of 396 lbs (180 kg).

SETUP AND ASSEMBLY

The BURCHDA R5pro e-bike arrives approximately 95% pre-assembled. The remaining assembly steps are straightforward and require minimal tools, which are included.

Unpacking and Initial Inspection

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



Image: The BURCHDA R5pro Electric Fat Tire Mountain Bike in its unfolded state, showcasing its robust frame, fat tires, and integrated rear rack.

Component Assembly

1. **Handlebar Installation:** Attach the handlebar to the stem and secure it firmly. Ensure the brake levers and shifter are in comfortable positions.
2. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread them into the crank arms carefully. Note that the left pedal has a reverse thread.
3. **Front Wheel (if detached):** Secure the front wheel into the fork dropouts. Ensure the quick-release skewer or axle nuts are tightened correctly.
4. **Fender and Rack Installation:** Attach the front and rear fenders, and the rear rack, using the provided hardware.

Battery Installation and Charging

The 48V 17.5Ah lithium battery is removable for convenient charging. Locate the battery compartment, typically integrated into the frame. Insert the battery and lock it into place with the key. For initial use, fully charge the battery for 5-6 hours using the provided charger. The charger's indicator light will change when charging is complete.

Adjustments

- **Seat Height:** Adjust the seat post to a height that allows for a slight bend in your knee when the pedal is at its lowest point. The minimum seat height is 34.2 inches (86.9 cm).
- **Handlebar Height:** Adjust the handlebar height for a comfortable riding posture.
- **Tire Pressure:** Ensure tires are inflated to the recommended pressure, typically found on the tire sidewall. The 26 x 4.0 inch fat tires provide excellent traction and shock absorption.



Image: A detailed diagram illustrating the dimensions of the BURCHDA R5pro e-bike, including overall length, height, and adjustable seat height, along with recommended rider height and load capacity.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the e-bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

LCD Display Functions

The intelligent LCD display provides real-time information about your ride.

- **Speed:** Displays current riding speed.
- **Distance:** Shows trip distance or total odometer.
- **Battery Level:** Indicates remaining battery charge.
- **Pedal Assist Level:** Shows the current level of motor assistance (0-5 levels).
- **Error Codes:** Displays diagnostic information if an issue occurs.

Panneau de contrôle simple et intelligent



Image: A close-up view of the intelligent LCD display on the BURCHDA R5pro, showing speed, distance, battery level, and various icons for brake signal, fault display, battery charge, USB charging, speed value, mode selection, speed regulation, and mileage value.

Pedal Assist Modes and Throttle

The R5pro offers multiple riding modes:

- **Pedal Assist (PAS):** The motor provides assistance as you pedal. Adjust the assist level using the controls on the handlebar. Higher levels provide more power.
- **Full Electric (Throttle):** Use the thumb throttle to engage the motor without pedaling. This mode is ideal for quick

acceleration or when you need a break from pedaling.

- **Manual (Pedal Only):** Ride the bike like a traditional bicycle with no motor assistance.

Gear Shifting

The e-bike is equipped with an 8-speed Shimano gear system. Use the shifter on the handlebar to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding. Shift gears smoothly to avoid strain on the drivetrain.

Plusieurs vitesses, plusieurs plaisirs

Shimano propose un changement de vitesse à 8 rapports. En tirer le meilleur parti Le cyclisme est un plaisir.



Image: A close-up of the Shimano 8-speed gear shifter on the BURCHDA R5pro handlebar, indicating the current gear selection.

Braking System

The BURCHDA R5pro features high-quality hydraulic disc brakes for reliable stopping power. Apply both brake levers simultaneously for effective and controlled braking. Avoid sudden, hard braking, especially at high speeds.

Plus de détails



Freins hydrauliques



Phare avant LED brillant



Batterie amovible



Feu arrière d'avertissement

Image: A composite image showing detailed features of the BURCHDA R5pro, including the hydraulic disc brakes, bright LED headlight, removable battery, and rear warning light.

Folding Mechanism

The R5pro features a convenient folding design for easy transport and storage. Locate the quick-release levers on the frame and handlebar stem. Follow the instructions to safely fold and unfold the bike. Ensure all locking mechanisms are fully engaged before riding.

MAINTENANCE

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

- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place.
- Avoid fully discharging the battery frequently.

- **Tire Pressure:** Check tire pressure before each ride. The 26 x 4.0 inch fat tires require specific pressure for optimal performance and comfort.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Periodically check all bolts, nuts, and quick-release levers for tightness.



Image: A close-up view of the 26 x 4.0 inch fat tire and front disc brake of the BURCHDA R5pro, highlighting its robust design for various terrains.



**Suspension avant à verrouillage
avec amortisseurs hydrauliques améliorés avec
fonction de verrouillage**

Image: An illustration of the front suspension system of the BURCHDA R5pro, indicating its shock-absorbing capabilities for a smoother ride.

TROUBLESHOOTING

This section addresses common issues you might encounter with your BURCHDA R5pro e-bike.

Problem	Possible Cause	Solution
E-bike does not power on.	Battery not charged, battery not properly seated, power cable loose.	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting.	Pedal assist level is 0, brake levers engaged, motor error.	Increase PAS level, ensure brake levers are fully released, check LCD for error codes.
Brakes feel weak.	Worn brake pads, air in hydraulic line, misaligned calipers.	Inspect and replace brake pads, consult a bike mechanic for hydraulic system bleeding or caliper adjustment.

Problem	Possible Cause	Solution
Gears are not shifting smoothly.	Dirty chain, misaligned derailleur, stretched cable.	Clean and lubricate chain, adjust derailleur, or replace shifter cable.

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

SPECIFICATIONS

Feature	Detail
Model	R5pro
Motor	48V Brushless Geared Motor
Battery	48V 17.5Ah Removable Lithium Battery
Charging Time	5-6 hours
Range (Pure Electric)	55-60 km (approx. 34-37 miles)
Range (Pedal Assist)	80-100 km (approx. 50-62 miles)
Brakes	Hydraulic Disc Brakes
Gears	8-Speed Shimano System
Tires	26 x 4.0 inch Fat Tires
Frame Material	6061 Aluminum Alloy
Suspension	Front Fork Suspension
Weight	34 kg (approx. 74.9 lbs)
Max Load Capacity	180 kg (approx. 396 lbs)
Dimensions (Unfolded)	199.9 x 113.03 x 70.1 cm (approx. 78.7 x 44.5 x 27.6 inches)
Included Components	Lock & Helmet, Rack & Headlight, Tool Bag, Phone Holder & Charger, Bike Pump & Fenders

WARRANTY AND SUPPORT

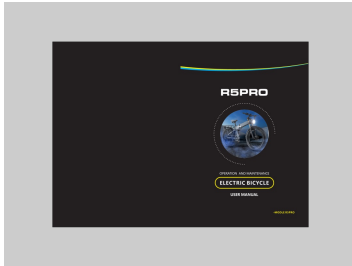
BURCHDA stands behind the quality of its products. Your R5pro e-bike comes with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact BURCHDA customer service. Our team is ready to assist you with any issues you may encounter.

Contact information can typically be found on the BURCHDA official website or on your purchase documentation.



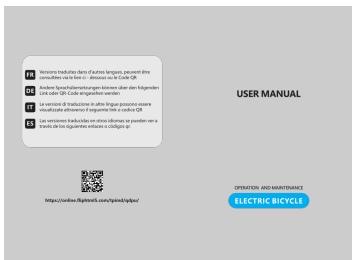
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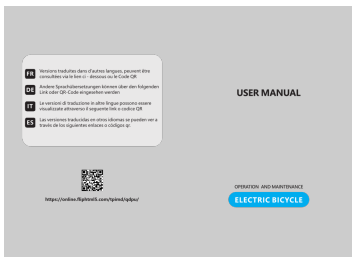
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