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SachsenRAD BB12249

SachsenRAD E-SUV CityBike S5G Centro Belt Electric Bicycle User Manual

Model: BB12249

1. INTRODUCTION

Thank you for choosing the SachsenRAD E-SUV CityBike S5G Centro Belt. This electric bicycle is designed for versatile use across various terrains, offering a comfortable and efficient riding experience. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.



Image: Two riders enjoying their SachsenRAD E-SUV CityBikes in an urban setting.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with

local traffic laws and regulations. Perform a pre-ride check before each use, ensuring brakes, tires, and all components are in good working order. Do not ride under the influence of alcohol or drugs. Avoid riding in adverse weather conditions or on excessively challenging terrain if you are not experienced.

- Always check tire pressure before riding.
- Ensure brakes are fully functional.
- Verify that the battery is securely installed.
- Adjust seat height for comfortable and safe pedaling.

3. SETUP AND INITIAL ASSEMBLY

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the bicycle for any signs of damage during transit. Report any damage to your dealer immediately.

3.2 Handlebar and Pedal Installation

Attach the handlebars to the stem, ensuring they are centered and tightened securely. Install the pedals, noting that the left pedal (L) threads counter-clockwise and the right pedal (R) threads clockwise.

3.3 Battery Installation and Initial Charging

Locate the removable 468Wh battery. Insert it into its compartment and ensure it clicks securely into place. Connect the charger to the battery and a power outlet. Charge the battery fully before your first ride. Refer to the battery indicator on the display for charge status.

Sehr gute Reichweite für jedes Gelände



Herausnehmbarer 468Wh-Akku

- 60km bis 130km Reichweite
- Besonders praktische und leichte Akkuentnahme



Kenda® All-Terrain

- 27,5x2,8“ Breitreifen von KENDA
- Geeignet für jedes Gelände

Image: Removable 468Wh battery and Kenda all-terrain tires.

3.4 Adjusting Seat and Handlebar Height

Adjust the seat height so that your leg is slightly bent at the knee when the pedal is at its lowest point. Adjust the handlebar height for a comfortable riding posture. Ensure all quick-release levers and bolts are securely fastened.

Komfortabel und sicher unterwegs



Der extra tiefe Einstieg erlaubt einen mühelosen Start jeder Fahrt.

- Einfacher Einstieg
- Komfortabel und praktisch
- Hohe Stabilität
- Sichere Anfahrt



Ohne Anstrengung mit ganzem Fuß sicher einsteigen – dank tiefem, breitem Einstieg

Image: Extra low-entry frame for comfortable and safe mounting.

4. OPERATING YOUR E-BIKE

4.1 Powering On/Off and Display Usage

Press and hold the power button on the color IPS display to turn the e-bike system on or off. The high-resolution display shows speed, battery level, assistance mode, trip distance, and other vital information. Use the control buttons next to the display to navigate through menus and adjust settings.



Image: High-resolution color IPS display.

4.2 Motor Assistance (85Nm XCruise V7 Mid-Motor)

The 85Nm XCruise V7 mid-motor provides adaptive pedal assistance based on your pedaling input. Select your desired assistance level using the display controls. Higher levels provide more power, while lower levels conserve battery life. The motor is designed for a smooth and natural riding experience.

Leistungsstark und Effizient



85NM XCruise V7 Mittelmotor

- Adaptiver Drehmomentsensor
- Passt Unterstützung anhand Ihrer aufgewendeten Tretkraft perfekt an
- Entwickelt für Fahrerlebnis

Effizienter Gate Carbon Riemen

- Aus starken und langlebigen Kohlenstofffasern gefertigt
- Leichter als herkömmliche Materialien, fördert Effizienz und spart Energie
- erhöht die Übertragungskraft und spart Energie

Image: 85Nm XCruise V7 Mid-Motor and Gates Carbon Belt Drive.

4.3 Enviolo Stepless Shifting System

Your e-bike is equipped with an Enviolo stepless shifting system, allowing for continuous adjustment of your gear ratio without fixed steps. Rotate the shifter grip to seamlessly change gears, providing a smooth and comfortable ride. This system is ideal for varying terrains and maintaining an optimal cadence.

Stufenlose Schaltung – Mehr Fahrspaß durch intelligente Technik



Was macht die stufenlose Schaltung der S5G besonders?

Mit der stufenlosen Schaltung der S5G, ausgestattet mit der Technologie von **Enviolo**, können Sie die Geschwindigkeit kontinuierlich anpassen, ohne feste Gänge – für einen fließenden und komfortablen Fahrstil.



- Immer im richtigen Tritt – entspannt und effizient fahren
- Fließender Übergang – perfekt für Steigungen und Sprints
- In Kombination mit Riemenantrieb – leise, wartungsfrei und besonders sanft



Image: Enviolo stepless shifting system for continuous gear adjustment.

4.4 Hydraulic Disc Brakes

The e-bike features hydraulic disc brakes for reliable and powerful stopping performance in all conditions. Apply both brake levers gently and evenly to slow down or stop. Avoid sudden, hard braking, especially at high speeds, to prevent skidding.

Top Allroad-Bremse



Hochwertige Bauteile

- Hydraulische Scheibenbremse, Vorne und Hinten
- Ab Werk vorgefülltes Royal Blood Mineralöl (Kein Wechsel erforderlich!)
- Carbotecture-Bremsgriffe



Extrem Wartungsfreundlich

- Schneller Bremsbelagwechsel und geringer Verschleiß garantieren Sorglosigkeit bei jedem Check-Up
- 4000 Vertragswerkstätte stehen Ihnen bei Problemen deutschlandweit zur Verfügung



Image: Hydraulic disc brakes for exceptional stopping power.

4.5 Alarm System

The integrated alarm system provides added security for your e-bike. Refer to the separate alarm system manual for detailed instructions on activation, deactivation, and settings. Ensure the alarm is active when leaving your bike unattended.



Image: Integrated alarm system for enhanced security.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your SachsenRAD E-SUV CityBike S5G.

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place, ideally between 10-20°C (50-68°F).
- Avoid fully discharging the battery frequently.
- Do not expose the battery to extreme temperatures.

5.2 Belt Drive Maintenance (Gates Carbon Belt)

The efficient Gates Carbon Belt drive is designed for low maintenance. It does not require lubrication like a traditional chain. Keep the belt clean and free of debris. Inspect it periodically for any signs of wear or damage.



Image: Gates Carbon Belt Drive system.

5.3 Tire Care (Kenda All-Terrain)

Maintain the recommended tire pressure for optimal performance and safety. The Kenda All-Terrain 27.5x2.8" tires

are suitable for mixed terrain. Regularly check tires for punctures, cuts, or excessive wear.

5.4 Brake System Check

Periodically check the hydraulic disc brakes for proper function. Ensure brake levers have adequate tension and the pads are not excessively worn. If you notice reduced braking performance or unusual noises, have the brakes inspected by a qualified technician.

5.5 Suspension Maintenance

The front suspension fork with oil damping provides 100mm of travel. Keep the stanchions clean. If you notice any issues with damping or excessive play, consult a professional.



Image: Front suspension with oil damping.

5.6 General 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. TROUBLESHOOTING

This section addresses common issues you might encounter with your e-bike. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Motor not providing assistance	Battery low or not connected; system off; assistance level too low.	Check battery charge and connection; turn on system; increase assistance level.
Display not turning on	Battery low or disconnected; loose cable connection.	Charge battery; check battery connection; inspect display cables.
Brakes feel spongy or weak	Air in hydraulic line; worn brake pads; low brake fluid.	Have brakes bled by a professional; replace brake pads; check fluid level.
Shifting issues with Enviolo system	Shifter cable tension incorrect; internal hub issue.	Consult a professional for adjustment or repair.

7. SPECIFICATIONS

Below are the technical specifications for the SachsenRAD E-SUV CityBike S5G Centro Belt.

Feature	Specification
Model Number	BB12249
Brand	SachsenRAD
Bicycle Type	Electric Bicycle (E-Bike)
Motor	85Nm XCruise V7 Mid-Motor
Battery	Removable 468Wh
Range	Up to 130 km (depending on usage)
Gear System	Enviolo Stepless Shifting
Drive System	Gates Carbon Belt Drive
Brake Type	Hydraulic Disc Brakes (Front & Rear)
Suspension Type	Dual Suspension (Front Fork with Oil Damping, 100mm travel)
Frame Material	Aluminum
Tires	Kenda All-Terrain 27.5x2.8"
Display	High-resolution Color IPS Display
Weight	25 kg
Color	Black
Included Components	Luggage Rack

Feature	Specification
Specific Uses	Mixed Terrain

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your dealer. SachsenRAD offers specialized customer support to assist with any questions or issues you may have regarding your E-SUV CityBike S5G.

For assistance, please contact SachsenRAD customer service through the official channels provided by your retailer or on the SachsenRAD website.



Image: SachsenRAD E-SUV CityBike S5G Centro Belt.