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SachsenRAD C5 Centro

SachsenRAD E-SUV CityBike C5 Centro User Manual

Model: C5 Centro

INTRODUCTION

Welcome to the user manual for your SachsenRAD E-SUV CityBike C5 Centro. This electric bicycle is designed for versatile use, offering comfort and performance for both urban commutes and challenging off-road paths. It combines robust features with advanced technology to provide a reliable and enjoyable riding experience.

Key features include:

- SUV E-Bike with low step-through frame and wide all-terrain tires, offering a range of up to 130 km.
- Ideal for challenging commutes through forests, parks, and fields.
- Comfortable for city riding and secured against theft with an alarm system.
- Powerful 70NM SachsenRAD XCruise V7 mid-motor with torque sensor for an authentic riding feel.
- Hydraulic disc brakes for outstanding braking performance.
- Large, high-resolution IPS color display integrating all functions with an elegant design, ensuring clear visibility in all light conditions.

SETUP AND ASSEMBLY

Your SachsenRAD C5 Centro E-Bike comes partially assembled. Please follow these steps carefully to ensure proper setup and safe operation.

1. Unpacking and Inspection

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

2. Handlebar Installation

Attach the handlebar to the stem. Ensure it is centered and the bolts are tightened securely. Adjust the angle for comfortable riding posture.

3. Pedal Installation

Identify the left (L) and right (R) pedals. Apply a small amount of grease to the threads. Screw the pedals into the crank arms. Remember, the left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Tighten firmly with a pedal wrench.

4. Seat Post and Saddle Adjustment

Insert the seat post into the frame. Adjust the saddle height so that your leg is slightly bent at the knee when the pedal is at its lowest point. Secure the quick-release lever or bolt firmly.

5. Tire Inflation

Inflate the tires to the recommended pressure indicated on the tire sidewall. Do not over-inflate or under-inflate.

6. Battery Installation and Charging

Insert the battery into its compartment. Ensure it clicks securely into place. Fully charge the battery before your first ride. Refer to the charging instructions in the Operating section.



Image: The SachsenRAD E-SUV CityBike C5 Centro, showcasing its overall design and components from a side view.

OPERATING YOUR E-BIKE

Familiarize yourself with the controls and functions of your SachsenRAD C5 Centro before riding.

1. Powering On/Off

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

2. Display Functions

The high-resolution IPS color display provides essential information:

- **Speed:** Current, average, and maximum speed.
- **Battery Level:** Indicates remaining battery charge.
- **Assistance Level:** Shows the current level of motor assistance (e.g., Eco, Normal, Sport).
- **Distance:** Trip distance and total odometer.
- **Error Codes:** Displays diagnostic messages if an issue occurs.

Optimale Federung mit Ölängfung



- Einstellmöglichkeit der Öl-Druckstufendämpfung
- Die Federgabel sorgt für Stabilität bei gleichzeitigem Komfort während der Fahrt
- 100 mm Federweg für pures Fahrvergnügen auf jedem Terrain.

Image: Close-up view of the powerful 70NM SachsenRAD XCruise V7 mid-motor and the efficient Gate Carbon Belt drive system, highlighting their robust construction and integration.

3. Motor Assistance Levels

Use the control buttons near the handlebar grips to cycle through different assistance levels. Higher levels provide more motor power, while lower levels conserve battery life.

4. Gear Shifting

Your e-bike is equipped with 7 gears. Shift gears smoothly to match terrain and speed. Always ease off the pedals slightly when shifting to prevent strain on the drivetrain.

5. Braking System

The hydraulic disc brakes provide excellent stopping power. Apply both brakes simultaneously for controlled deceleration. Avoid sudden, hard braking, especially at high speeds.

Leistungsstark und Effizient



85NM XCruise V7 Mittelmotor

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

Effizienter Gate Carbon Riemen

- Aus starken und langlebigen Kohlenstofffasern gefertigt
- Leichter als herkömmliche Materialien, fördert Effizienz und spart Energie
- Ausgezeichnete Übertragungseigenschaften

Image: Detailed view of the hydraulic disc brake system, emphasizing the high-quality components and robust design for reliable stopping power.

6. Alarm System

The integrated alarm system provides enhanced theft protection. Consult the separate alarm system manual or the display settings for activation and deactivation procedures.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your SachsenRAD C5 Centro E-Bike.

1. Cleaning

Clean your e-bike regularly with a damp cloth and mild soap. Avoid high-pressure washers, especially near electrical components and bearings.

2. Tire Care

Check tire pressure before each ride. Inspect tires for wear, cuts, or embedded objects. Replace worn tires promptly.

3. Brake Inspection

Regularly check brake pads for wear and replace them when necessary. Ensure brake levers feel firm and responsive. If you notice any sponginess, the hydraulic system may need bleeding by a professional.

4. Belt Drive Maintenance

Unlike traditional chains, the carbon belt drive requires minimal maintenance. Keep it clean and free of debris. Do not lubricate the belt.

5. Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently, as this can reduce its lifespan.

6. General Inspection

Periodically check all bolts and fasteners for tightness. Inspect cables for fraying or damage. Ensure all lights and reflectors are clean and functional.



Image: Close-up of the front suspension fork with oil damping, highlighting its adjustability and 100mm travel for optimal comfort and stability on various terrains.

TROUBLESHOOTING

This section addresses common issues you might encounter with your SachsenRAD C5 Centro E-Bike.

1. No Power / Display Not Turning On

- **Check Battery:** Ensure the battery is fully charged and properly seated in its compartment.
- **Power Button:** Make sure you are pressing and holding the power button long enough.
- **Connections:** Inspect all visible electrical connections for looseness or damage.

2. Motor Not Providing Assistance

- **Battery Level:** Check if the battery has sufficient charge.
- **Assistance Level:** Ensure an assistance level is selected on the display (not '0' or 'off').
- **Pedaling:** The motor assistance activates only when you are pedaling.
- **Error Codes:** Check the display for any error codes and refer to the manual for their meaning.

3. Brakes Squealing or Feeling Weak

- **Brake Pads:** Inspect brake pads for wear. They may need replacement.
- **Contamination:** Disc rotors or pads might be contaminated with oil or grease. Clean them with disc brake cleaner.
- **Air in System:** If brakes feel spongy, there might be air in the hydraulic lines, requiring a professional bleed.

4. Unusual Noises

- **Loose Components:** Check all bolts and fasteners, especially on the wheels, handlebars, and seat post.
- **Belt Drive:** Ensure the belt is clean and free of debris.
- **Bearings:** If noises persist, it might indicate worn bearings in the wheels or motor, requiring professional inspection.

For issues not covered here, please contact SachsenRAD customer support or a certified e-bike technician.

SPECIFICATIONS

Feature	Specification
Bike Type	Touring Bike
Age Range	Adult
Brand	SachsenRAD
Number of Speeds	7
Wheel Size	27.5 Inches
Frame Material	Aluminum
Suspension Type	Full Suspension
Special Feature	Lightweight
Included Components	Possible included components are 'Luggage Rack', 'Lock', and 'Water Bottle Holder Mount'
Size	M

Abmessungen der verschiedenen Teile

Fahrrad mit Mittelmotor

1. minimale Sitzhöhe **70 cm**
2. maximale Sitzhöhe **98 cm**
3. Lenkerlänge **65cm**
4. Länge zwischen Sattel und Lenker **60 cm**
5. Sitzrohrlänge **48cm**
6. Radstand **118cm**
7. die Gesamtlänge beträgt **188 cm**
8. Stehhöhe **45cm**

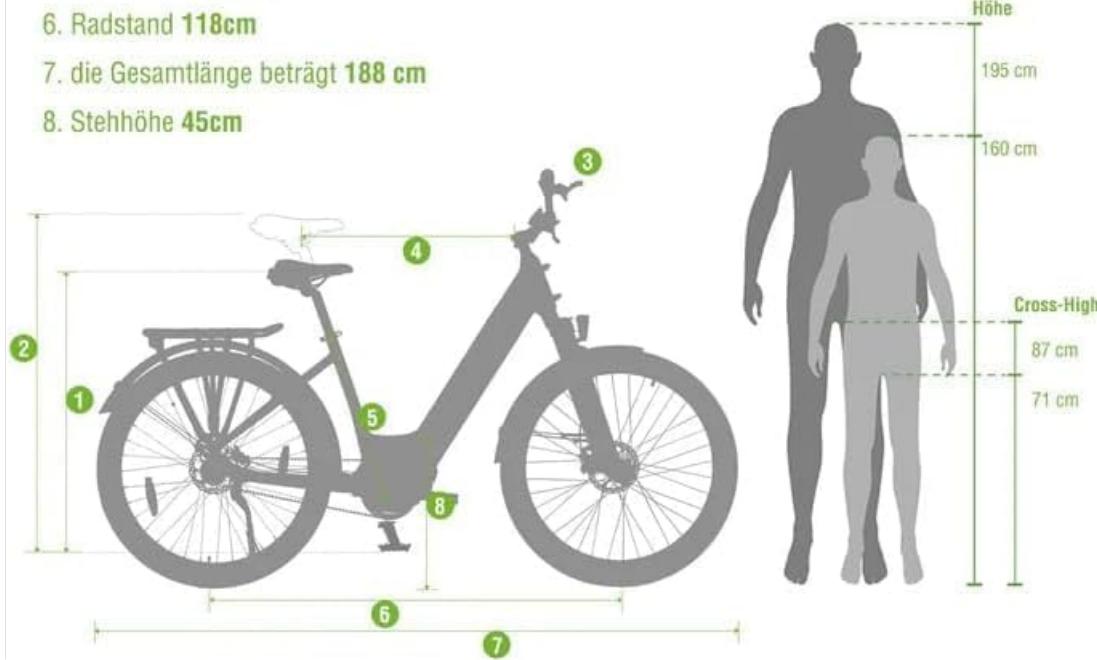


Image: Diagram illustrating the key dimensions of the SachsenRAD E-Bike, including seat height, handlebar length, and overall length, alongside rider height recommendations.

WARRANTY AND SUPPORT

SachsenRAD stands behind the quality of its products. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official SachsenRAD website.

For customer support, technical assistance, or warranty claims, please contact SachsenRAD directly. You can find more information and contact details on the official SachsenRAD store page:

[Visit the SachsenRAD Store on Amazon](#)

Additionally, SachsenRAD offers extensive service support:

- Over 4000 authorized workshops are available nationwide in Germany to assist with any issues during check-ups.