



User manual

with E-Bike pass and maintenance booklet

SachsenRad E-Racing Bike C3M II/C3V II



Product number: BB12185 / BB12186



Congratulations on your new E-Bike purchase!

This e-bike is a powerful combination of a high-end bicycle, a strong engine and a high-quality lithium battery. Faster and farther with more fun: it is the perfect companion for your fitness program, leisure rides and cargo rides. Due to physical differences, riding habits, and riding characteristics of each cyclist, especially during mountain and long-distance rides, cycling can be physically demanding. Our e-bike is specifically designed to make it easier for you and provide you with an enjoyable riding experience.

Please read this manual carefully.

Important notes

This manual contains important safety, performance, and service information. Please make sure to read and understand the following warnings and precautions before using the product for the first time. If you lend your e-bike to another person, please ask them to read this manual to minimize the risk of accidents.

WARNING: Wear a suitable and certified helmet during the ride, and wear fluorescent or reflective clothing at night.

WARNING: Your existing insurance policies may not cover everything that could occur while using an e-bike. Please contact your insurance company or insurance broker for more information.

NOTE: This manual does not cover all possible complications that may arise during riding. Please also refer to the FAQ. section to troubleshoot any issues with the e-bike. For further information, please contact your dealer. Please also consult your dealer or seek a professional service technician for repairs or maintenance when needed. Please pay attention to all warning instructions in this manual, read and understand the contents before using your bicycle.

WARNING: Warnings indicate that significant property damage, serious injuries, or death can occur to you or others. Please strictly comply with the legal regulations applicable in your country.

CAUTION: Tampering with the electric management system is strictly prohibited.

NOTE ABOUT IMAGES:

Images and graphics in the manual may differ from your actual product, as the e-bike is manufactured in multiple versions. The images are intended as supplements to the text and for better understanding.

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E-BIKE IDENTIFICATION / BICYCLE PASS

PLEASE COMPLETE THE FOLLOWING E-BIKE PASS IN MINIMAL FORM, CAREFULLY IN YOUR OWN INTEREST!

FRAME NO.*

MODEL

TYPE

 BATTERY SERIAL NO.

ENGINE (REAR /CENTRE)

 ENGINE SERIAL NO.

SIZE (IN INCHES)

 (IF PRESENT)

COLOUR

FRAME/FORK/RIM

GEAR SHIFT

DERAILLEUR

TYPE/NUMBER OF GEARS

SPECIAL

EQUIPMENT

SPRING FORK BASKET FRONT CARRIER

OTHER

OWNERS

SELLER

PURCHASE DATE



The frame NO. is located
where the arrow indicates

INFORMATION ON SERIES AND FRAME NUMBERS

Your e-bike has a unique frame number. Make a note of this on the warranty certificate or in connection with your invoice and keep the certificate in case of theft. In this case, the passport contains all the relevant information for the police or your insurance company. To maximize the protection of your e-bike against theft, you should purchase a high-quality U-lock or chain lock. Please do not leave your e-bike in an unattended place.

Please lock the main components such as the frame battery when you lock the E-Bike.

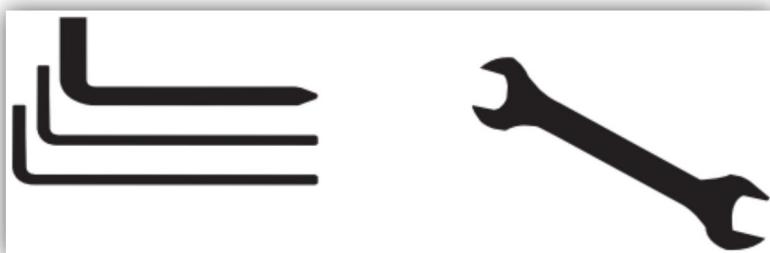
Your local police station or the ADFC (Allgemeine Deutsche Fahrrad Club) usually offer a free bicycle registration service. In the event of theft, this makes it easier to file a report and deal with your insurance company. There is also a matching free app from the police (for iOS and Android in the matching app store). This information applies to Germany; check with your authorities. There is a comparable free service in almost every country.



1. UNPACKING AND ASSEMBLY INSTRUCTIONS

Tip: Your e-bike is slightly heavier than a normal bike. We highly recommend two people lifting it out of the box.

Tool kit:



Use a blanket or old carpet to prevent the floor and the e-bike from being scratched during assembly.

Please read the following instructions carefully before unpacking and assembling your e-bike and follow the recommended sequence:

1.	Carefully open the packaging box (to avoid injury, please wear gloves).
2.	Carefully remove the bike from the box, preferably in pairs.
3.	Place the bike on a blanket to avoid scratching the floor and the bike.
4.	Take all the parts out of the large box, including the accessories box.
5.	Carefully cut the various cable ties. By doing so, do not accidentally damage the bike, paint or tyres or lose accessories.
6.	Remove all protective material.
7.	Remove the e-bike battery from the packaging / battery sled and charge it for about 10 to 12 hours.

WARNING: Incorrect installation and use of parts not supplied with the e-bike and improper modifications to the original condition of the e-bike may result in significant property damage or the voiding of any warranty or guarantee claims. Even accidents, serious injuries or death can be the result. If you wish to upgrade or add further parts or accessories, please contact your dealer or a suitable expert. They can give you information about this.

Designation of the e-bike parts



1. Handlebars with display and brake lever	7. Front wheel	13. Engine
2. Front light	8. Pedals	14. Rear brake
3. Mudguard	9. Chain ring	15. Rear light
4. Suspension fork	10. Drive chain	16. Luggage carrier
5. Front brake	11. Rear wheel	17. Saddle
6. Front disc brake	12. Rear disc brake	18. Saddle post
		19. Integrated battery

2. ASSEMBLY

2.1 Before assembly

WARNING: Incorrect assembly of your e-bike can cause significant damage to the bike and even personal injury.

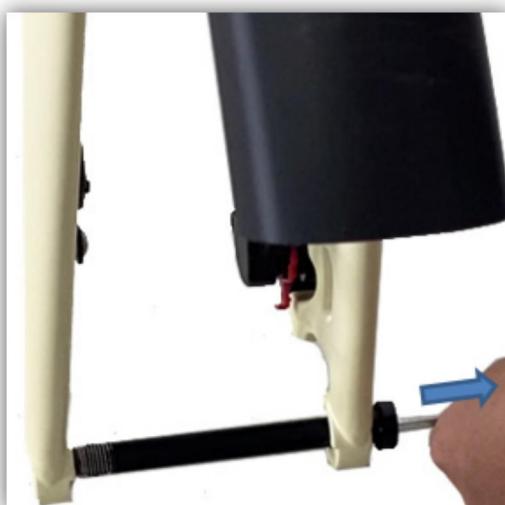
If you are not sure whether your assembly is correct, please contact your dealer.

WARNING: The engine, controls, sensors, battery and various cables on your bike must not be used for other purposes. Do not disassemble or modify [adjust] these parts as this may cause serious damage to them or even void the warranty. It may also harm your personal safety. If you need assistance, please contact your dealer.

Note: For transport reasons, we can only deliver the e-bike with very low tyre pressure. Do not ride the e-Bike without first inflating the tyres!

2.2 Installing the front wheel

1. Remove the front fork screw and the red protective pad.



2. Install the front wheel on the fork. Make sure the fork is attached to the axle and that the disc is placed in the middle of the brake.



3. Insert the front fork screw into the fork screw hole and tighten it.



2.3 Fix the handlebar

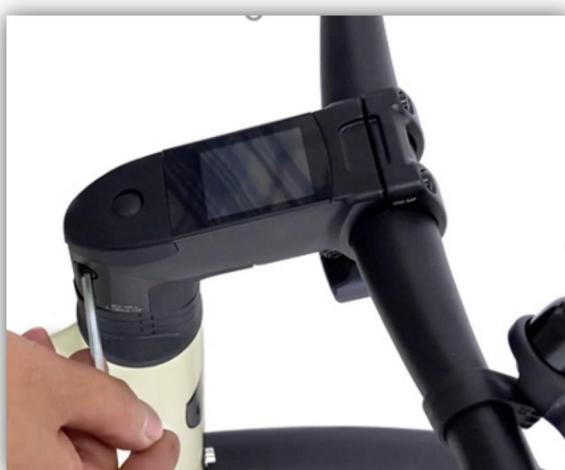
1. Use inner hexagon tool to loosen the stem cover.



2. Rotate the handlebar 90° as indicated by the arrow to align this handlebar.



3. Then tighten the screws..



2.4 Installing the pedals

Take the pedals out of the packaging and sort them. "R" stands for the right foot, "L" is the left foot. Align the foot thread with the mounting hole on the crank. Then tighten the right pedal clockwise and the left pedal anticlockwise.

WARNING: Improper installation of the pedal can pose a serious safety hazard resulting in significant property damage, serious injury or death. Please check that the pedals are secure before each use.



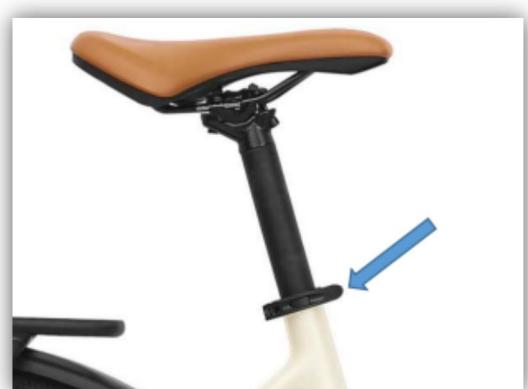
2.5 Adjusting the saddle height

1. The height of the saddle can be adjusted with the quick-release on the saddle post. You only need to release the quick-release lever to freely select the height of the saddle. After you have found the desired height, lock the quick-release lever again and the adjustment is complete.

2. After the adjustment, make sure that the quick-release lever of the seat post is well locked. The seat post must not slip.

Note: Please adjust the nut on the opposite side of the lever to set the tightening force of the lever.

WARNING: Do not pull the seat post out further than the minimum insertion depth mark. The marking must not be visible! (Risk of breakage and accident! No warranty if disregarded!)



2.6 Lighting

Front light

The front light is mounted on the front of the bike.



Rear light

The rear light is mounted on the rear mudguard.



2.7 Integrated battery

This e-bike has an inbuilt battery and does not require the customer to insert or remove it.



2.8 Maximum angle of left and right steering

Front wheel: maximum angle of steering left and right is 65° .



3. OPERATION AND FUNCTIONS

3.1 First use

1. Put on your helmet and choose a quiet place away from cars, other bicycles, obstacles or risky environmental conditions.
2. Ride your electric bike for a test ride without engine assistance and adjust everything to suit you.
3. Press the switch in the centre of the display control unit for at least two seconds to set your engine to standby.

NOTE: Do not switch on the e-bike system until you are safely on your bike and do not sit on your bike with the stand unfolded, as this can cause damage to the vehicle and personal injury.

3.2 Braking with the E-Bike

NOTE: When you apply the brakes, the motor is automatically switched off, which is a standard safety setting.

Try the brakes at low speed. Never brake hard and always squeeze both brakes together.

WARNING: If you suddenly and harshly engage the front brakes, you will roll over. Please do not set your brakes too tight to prevent wheel lock and accidents. Check the sensitivity and braking force of the brakes before each ride.

3.3 The control display

E-bike Intelligent LCD display



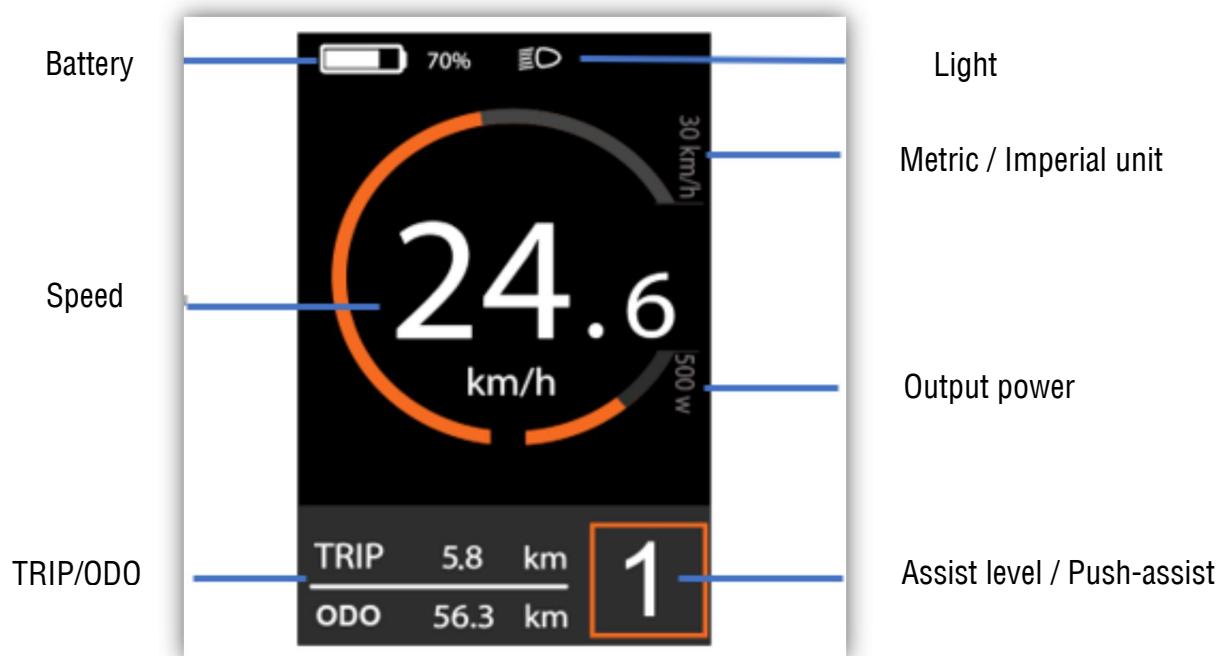
Specifications

- 2.0" colour TFT
- 36V/48V Power Supply
- Rated working current: 22mA
- Off-state leakage current: <1 μ A
- Operating temperature: -20°C to 60°C
- Storage temperature: -20°C to 70°C

Function summary

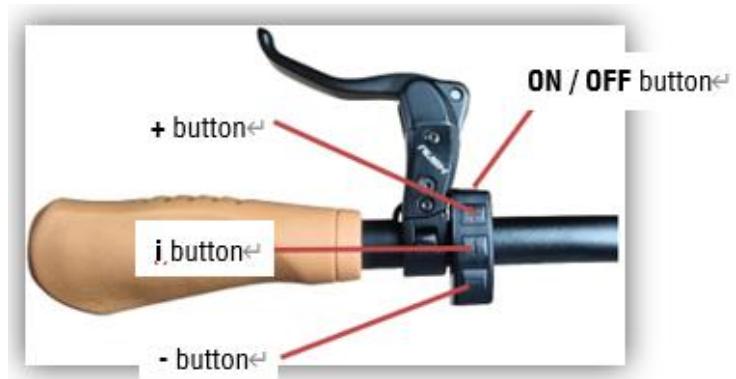
- Battery SOC indication: voltage value or battery percentage
- Intelligent indication of TRIP, ODO, Current speed, MAX. speed, AVG. Speed, Motor power and Ride/TRIP time(Min)
- Assist-level selection and indication
- Push-assist control and indication
- Backlight On/Off and headlight indicator
- Various Parameters Settings
- Recover Default Settings

Function Area



Button operations

4 buttons: **ON/OFF** button, **i** button, **+** button, **-** button



Switching the e-bike System On/Off

- Hold the “ON/OFF” button for 2s to switch on e-bike system. When display is on, hold the “ON/OFF” button for 2s again, the e-bike system will be switched off .
- When e-bike is not in use for 5 minutes, the e-bike system will switch off automatically.

Display Interface

After switching on the e-bike system, the display shows current Speed and Trip by default. Press remote “i” button to switch between the indication elements listed below:

Trip (km)--> Max Speed (km/h)-->AVG speed (km/h)-->Trip time (min.)



Assist Level Selection

Press "+" or "-" button to switch between the e-bike system assist levels and change the motor output power. The default assist level mode is 0-S (level “0” to level “S”). The output power is zero on Level “0”. Level “1” is the minimum output power. The default assist level is level “1”.



- 1: Power saving economy mode
- 2: Regular flat road mode
- 3: Sport mode
- 4: Enhanced power mode
- S: Power adaptive mode

Push-assist

To activate the push-assist function, press and hold the “-” button. After 2 seconds the e-bike is activated to go at a constant speed of less than 6 Km/h while the screen displays .

When “-” button is released, the e-bike will immediately stop the power output and return to the state it was in, before push-assist was activated.



Switching Lighting On/Off

Press and hold “+” button for 2 seconds, display backlight dims and bike headlight is on and headlight icon comes out. Hold “+” button for 2 seconds again to switch off the headlight and light icon is gone and display backlight brightness recovers.



Motor Power

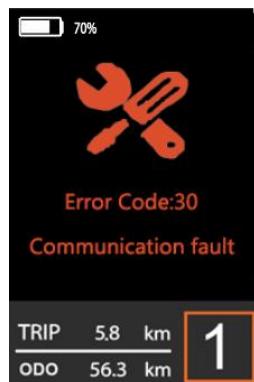
When you ride, the power output bar of the motor will change, indicating that the output power output of the motor will change.



Error Code

When an error is detected, the respective error code is indicated in text indication area.

When an error code is displayed, please contact your supplier.



Settings

When the display is on and your bike is stationary, long press “i” button for 2 seconds and enter the settings page.

* Note:

“Advanced Settings”: the rider is not allowed to access it and cannot change its parameters.

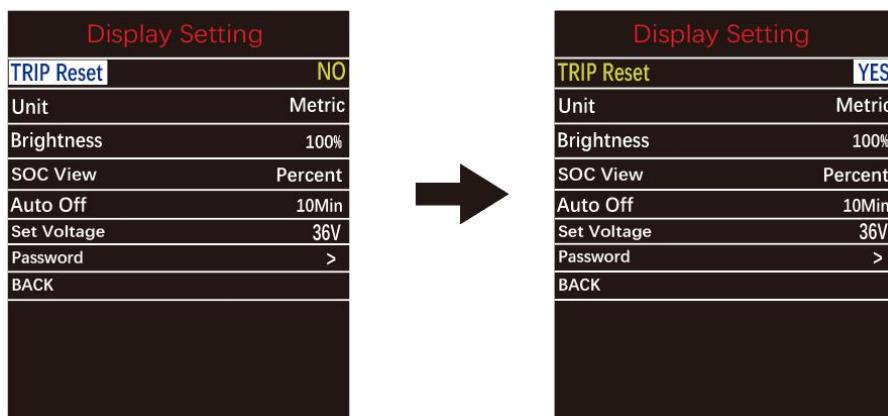


Display Setting

Press “i” button to enter its menu.

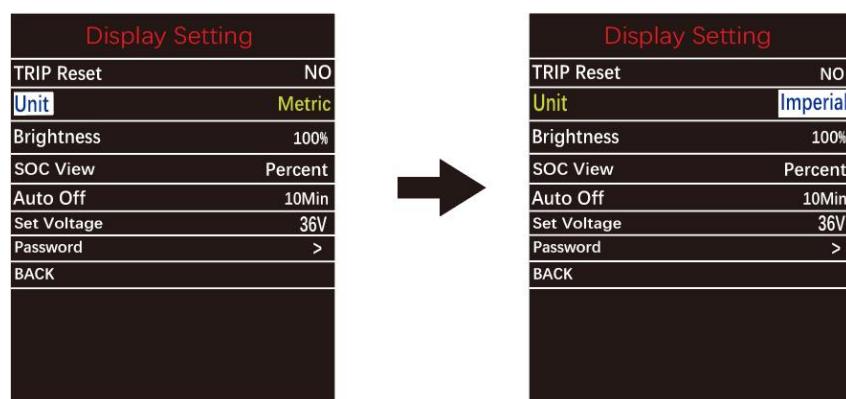
● Trip Reset

Press “i” button--> Press the “+” button or the “-” button to select **Yes**(Clear) or **No**(Not Clear) --> Press “i” to save -->Long press “i”button or press “**BACK**” exit to the main screen.(Clear data: **MAX**, **AVG**, **TRIP**, **TRIP TIME**)



● Unit

Select “**Metric**”/ “**Imperial**”.



● Brightness

Select **5 levels** of backlight brightness: “**100%-75%-50%-30%-15%**”.

Display Setting	
TRIP Reset	NO
Unit	Metric
Brightness	100%
SOC View	Percent
Auto Off	10Min
Set Voltage	36V
Password	>
BACK	



Display Setting	
TRIP Reset	NO
Unit	Imperial
Brightness	75%
SOC View	Percent
Auto Off	10Min
Set Voltage	36V
Password	>
BACK	

● SOC View

Select “**Voltage**”, “**Percentage**” of the battery level.

Display Setting	
TRIP Reset	NO
Unit	Metric
Brightness	100%
SOC View	Percent
Auto Off	10Min
Set Voltage	36V
Password	>
BACK	



Display Setting	
TRIP Reset	NO
Unit	Imperial
Brightness	100%
SOC View	Voltage
Auto Off	10Min
Set Voltage	36V
Password	>
BACK	

● Auto Off

Selection of automatic switch-off time for the display: “**10-1,OFF**” (min)

Display Setting	
TRIP Reset	NO
Unit	Metric
Brightness	100%
SOC View	Percent
Auto Off	10Min
Set Voltage	36V
Password	>
BACK	



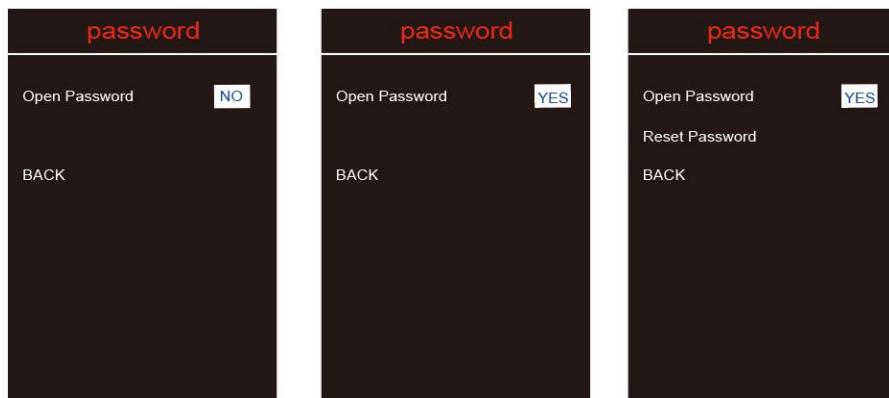
Display Setting	
TRIP Reset	NO
Unit	Imperial
Brightness	100%
SOC View	Percent
Auto Off	5Min
Set Voltage	36V
Password	>
BACK	

● **Set Voltage** The “Set Voltage” is not adjustable.

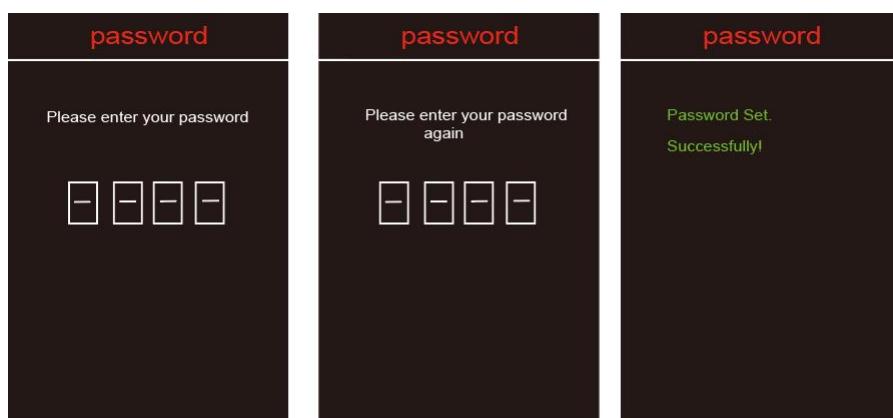
● **Password (Power-on password)**

A. Setting the power-on password

1. Select “Yes” for “Open Password”:



2. Input your power-on password twice until it is set up successfully:



B. Modify the power-on password

Select “Reset Password” --> Input the current password --> the current password is correct --> Input a new password twice.

C. Switching off the power-on password

Select “NO” for “Open Password” --> Input the current power-on password --> the current password is correct --> Switching off the power-on password.

Quality assurance and warranty

The warranty is valid for 24 months, from the date of purchase of the E-bike and only when used properly. The following cases are not covered by the warranty:

1. The display is torn off.
2. The damage of the display is caused by incorrect installation or use.
3. The housing of the control display has been damaged after the purchase of the E-bike through the fault of a third party.

4. The cable of the display is broken.
5. The warranty period has been exceeded.

Warning

1. Use the display with care. Please do not open the housing when the control display is switched on.
2. Avoid hitting the display with objects.
3. Contact the manufacturer if the display does not work properly.
4. This manual is a universal version for the display CDC13. The specification may differ to the software.

Attention!

It is strictly forbidden to open the display controller and engine controller privately and change the components and circuits in the controller. Do not overload or operate the engine over a long distance or a very steep incline.

Do not change the mounting position of the controller. It is strictly forbidden to attach other things to the controller housing that will affect heat dissipation.

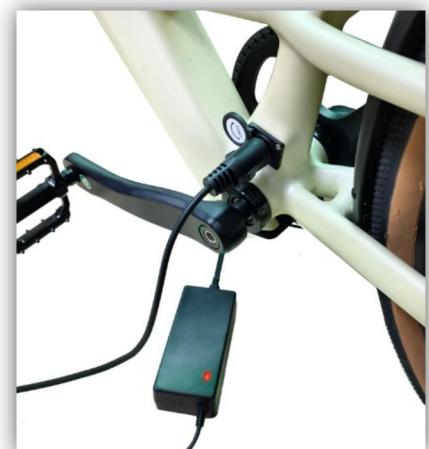
Warning: Do not clean the battery sled (with integrated controller) with liquids when cleaning the bike. The controller should always be well ventilated.

4. E-BIKE Battery

4.1 Battery use, charge

Please plug the charger into the charging port to charge the e-bike. When charging, the red light is always on; when fully charged, the red light changes to green light.

***Note:** The control display cannot be switched on when the e-bike is charging.



NOTE: Please unplug the charger from the socket before connecting the main plug of the charger to the socket.

NOTE: If you want to disconnect a charger from the mains, first turn off the charging switch.

CAUTION: To avoid damage to the charger, do not tear the charger or subject it to strong impact.

WARNING: Improper use of the charger can result in serious consequences, including fire, significant property damage, serious injury or death.

NOTE: Do not place any objects on the battery and charger during charging as this may cause overheating and serious consequences.

NOTE: Please use your charger indoors as damage caused by improper use is not covered under warranty.

Charging Schedule (Recommendations)

Charging	Hours
First three charges	12
Normal charge	4-6
Every ten charges	12

Charge the battery after each use to ensure the longest possible life.

CAUTION: Never charge for more than 12 hours to avoid overcharging.

WARNING: Please use the included charger to charge the battery. If you use a charger other than the original, the battery will void its warranty and may be damaged, resulting in fire, injury or death.

NOTE: You can recharge your battery at any time. If you do not charge the battery in time when it is empty, it will gradually lose its performance and life. With proper use and maintenance, your battery can maintain more than 80% capacity after more than 500 charging cycles, but the decrease of total capacity is inevitable.

4.2 Factors influencing the range

- Age and state of charge of the battery
- Storage location before the trip (depending on temperature)
- Outside temperatures
- Tyre pressure (recommendation: 2.9 - 3.4 bar)
- Weight of riding person
- Riding style and choice of assistance level
- Road/ path conditions
- Weather conditions
- Frequent stops and restarts
- Cleanliness and intactness of bearings and all moving parts

4.3 Range optimization

- Fully charge the battery
- Check tyre pressure (about 2.9 - 3.4 bar recommended - depending on body weight, load and route profile)
- Reduce the load

- Do not ride too fast
- Maintain a constant speed

5. BEFORE THE FIRST JOURNEY

This section is to prepare you for your first ride. Please always wear a safety helmet of the correct size. If you wish to lend the E-bike to others, please ensure that they wear a safe and appropriate helmet.

Do not take anyone with you on the bike!

Overloading, which can be caused by double occupation, can have serious consequences resulting in significant property damage, serious injury or death.

Compliance with traffic laws and regulations

Please drive on the legally prescribed side of the carriageway. Always respect the local laws and regulations!

Reflectors

Please keep the reflectors clean, bright and do not remove them.

Check the brakes

Please check the braking distance and braking force before each ride. Please note that the right brake corresponds to the rear brake and the left brake corresponds to the front brake. Your E-bike is equipped with normal specifications of brake pads. Please check the brake pads every time and ask your dealer about the brake pads. If the brake pads are worn, please replace them as soon as possible.

Tyre pressure

Usually, the tyre pressure is indicated on the side of the tyre. Your tyres contain tubes that you must inflate. Please check the pressure of the tyres before each ride. Tyres lose pressure gradually, this is normal. If you lose too much air pressure, please inflate again. If your tyre pressure is insufficient, this will result in additional power consumption, effort and reduce your range.

WARNING:

If you brake hard and lock the tyre, this will cause a rollover, which could result in significant property damage, serious injury or death. If you are not sure whether your brake setting is appropriate, please consult your dealer or seek professional advice.

6. MAINTENANCE

Component	Initial assembly	500km or half year*	1000km or 1 year*	Per 1000km or 1 year*
Tubes and tyres	×	×	×	×
Wheel incl. rims and spokes	-	×	×	×
Brakes	×	×	×	×

Light and reflectors	x	x	x	x
Stem and handlebar	x	x	x	x
Steering head bearing	x	x	x	x
Saddle(support)	x	x	x	x
Frame	-	x	x	x
Circuit	x	x	x	x
Suspension fork	-	x	x	x
Battery and battery holder	x	x	x	x
Drive system	-	x	x	x
Chain	-	x	x	x
Bottom bracket, cranks and pedals	-	x	x	x
Accessory components	-	x	x	x
Screw connections	x	Before each ride		
Quick release	x	Before each ride		

*The earlier event is used as an orientation

You can use this maintenance table and the service table voluntarily to have inspections and repairs properly carried out and entered by your mechanics. You are not obliged to do so. In the event of a later warranty claim on your E-bike, this can help us with the assessment and possibly confirm or even increase the chances of goodwill.

WARNING: For your safety, the battery must always be removed during maintenance!

The specifications usually include cleaning, greasing and adjusting the specific component. If necessary, also replacing it due to wear, fatigue or damage. General information and brief instructions for the care of individual parts can be found on the following pages.

WARNING: Be aware that components and systems can heat up from use. Wait some time after riding before starting care, inspection or maintenance to avoid burns.

Regular inspection - small checklist:

A	Check the tyres for damage and whether the tyre pressure is sufficient.
B	To check the function of the front brake, apply it half or two thirds and if the front wheel does not turn, everything is functional. To check the rear brake: Put weight on the foot pedal when lifting the bicycle. The brake is effective if the rear wheel does not turn.
C	Make sure that the parts for the quick-release lock are engaged in their place.
D	The safety line on the tube of the handlebar attachment and the saddle must not be visible. Check that everything is firmly tightened.

E	Check whether the frame and front fork are cracked or deformed, whether pedals, gears and tyres are intact.
F	Check if the gearbox is deformed or damaged.
G	Check that the gearbox can be used normally.
H	Check the bolts and nuts. Raise the front and rear wheels approx. 10 to 20cm and then let your E-bike bounce on the ground. If noises occur, loose parts may be present.
I	Check that the lighting can be used normally.
J	Regular cleaning of your E-bike is recommended. This avoids the build-up of stubborn dirt, as well as premature rusting due to salty air or water.

ATTENTION: Do not use high-pressure cleaners or aggressive and grease-dissolving agents.

NOTE: Use water and a soft cloth to avoid damaging your E-bike. In the case of heavy soiling, you can use special bicycle cleaning agents.

Notes on the inspection and maintenance of some components and systems:

Impellers	The front and rear wheels of the vehicle should be in the centre of the fork or frame. The tension of each spoke on the wheel rim should be similar and the rim should form a regular circle without dents. If spokes are missing or broken, the rim will lose stability. Please ask your dealer or professional technician about repair and troubleshooting. The edge must be smooth. If it is not, it will increase the resistance of the ride or cause a hazard. If you think you need to make adjustments, please contact your dealer or see a professional technician.
Chain	Your E-bike is equipped with a high-quality drive chain. Please keep the chain clean. The brake pads and brake discs must be kept free of grease. Keep the brake discs and brake pads clean.
Tyres	Always check the tyre for scratches, cracks or excessive wear. The tyre should be properly combined with the rim. The tyre bead line should be fully exposed. If the tyre cannot be fully expanded, apply water to the rim and tyre to increase lubrication. The valve of the bicycle inner tube should be perpendicular to the rim. Damaged or excessively worn tyres must be replaced immediately. Please contact your dealer or a technical specialist to replace your tyres. If your tyres have been punctured accidentally, contact your dealer or technician for repair or replacement.
Rear Hub Engine	Do not open the engine and do not overload or operate the engine over a long distance or on a very steep incline. It is strictly forbidden to attach other things on or to the engine housing, this can negatively influence statics, driving safety and heat dissipation.
Brake system	Depending on the conditions, the braking effect may decrease after a short running-in period or you may hear a squeaking noise. You should carefully clean your brake discs with a suitable cleaner (brake cleaner). If the braking effect decreases, we recommend that you visit a specialist workshop or a suitable technician.

7. SAFETY INSTRUCTIONS

Please wear a helmet!	<p>When riding the E-bike, please wear a safe and approved helmet! It is strictly forbidden to carry people. Please follow the traffic rules and be careful with suddenly opening car doors.</p> <p>Try to keep away from cars parked at the side of the road in case the door suddenly opens or the car blocks the line of sight. Make sure that you can always see people or things suddenly appearing in time.</p>
Please be especially careful in bad weather!	<p>In wet weather, your electric bike brakes many times slower than normal. Please reduce your riding speed, brake in advance and ride carefully through curves. Make sure that you are seen by other road users.</p> <p>When riding on dark roads or at night, please wear clothing with reflective stripes or fluorescent paint as a warning. Switch on your own lights, check the reflectors and keep them clean. Always drive slowly and with foresight.</p>
Please concentrate!	You should always pay attention to the traffic!
Check your vehicle before every journey!	<p>Please check your entire E-bike before each ride: brakes, tyres, rims, quick-release levers and all screws or components.</p> <p>The battery must be carefully maintained to ensure its safety and reliability.</p>
Pay attention to the legal regulations in the country you are using your E-bike in!	
Do not open your battery!	<p>Modifications to your battery can cause explosions and significant damage. Never short-circuit a battery on purpose. This can result in an explosion, fire and serious danger to your health. Leaking batteries can be toxic. Therefore, be sure to avoid skin and eye contact with leaking batteries. Immediately wash the affected area and consult a doctor if necessary.</p> 

8. SERVICE PAPER

You can use this template voluntarily to have inspections and repairs properly recorded by your mechanics. You are not obliged to do so. In the event of a later warranty claim on your E-bike, this can help us with the assessment and increase the chances of goodwill.

1. Inspection	2. Inspection	3. Inspection	4. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop
5. Inspection	6. Inspection	7. Inspection	8. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop
9. Inspection	10. Inspection	11. Inspection	12. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop	Signature/Stamp workshop

9. F.A.Q. – Frequently asked questions about problems and solutions

Below are some common problems and solutions. If the following methods do not solve your problem, please contact your dealer.

Problem	Possible cause	Solution approach
Control display does not react – Attempt to switch on without result	1. Battery empty 2. Battery does not sit correctly in Battery slide 3. Connecting cable control display / control unit is not connect or defective 4. Control display defective 5. Battery (circuit) defective	1. Fully charge the battery 2. Return the battery slide to its original position and tighten the two fastening screws firmly 3. Connecting the plug of the display control to the handlebar control 4. Replacing the control display 5. Replacing the E-bike battery
E-bike and control display fail after a short ride or not reaching the maximum motor support	1. E-bike battery is almost empty 2. Plug contacts of the battery slit not connected 3. Battery protection and charge control defective 4. Defect in display control or engine control unit and Engine damage	1. Fully charge the battery 2. Position of the battery slide* check 3. Replacing the E-bike battery pack* 4. Exchange of the respective component*
Despite correct operation, the motor does not run	1. Circuit breaker in brake lever defective 2. Detached motor cable connector 3. Battery cable detached	1. Check cable contacts or replace the brake lever including cable* 2. Checking the plug connections* 3. Check battery cable*
Low range although battery fully charged	1. More stringent requirements due to changed load, gradient, headwind, etc. 2. Battery too old 3. Battery defective 4. Storage or use at ambient temperatures that are too cold temperatures (below 5°C) 5. Brake system grinds 6. Insufficient lubrication of one of the moving components	1. Strengthen own pedal insert 2. Replace the battery* 3. Replace the battery* 4. Increase your pedaling power. Store the battery above 7 degrees and below 25 degrees before riding 5. Adjust brake* 6. Check bearings and re-oil if necessary*
Battery does not charge	1. Plug connections loosened 2. Battery defective 3. Charger defective	1. Check plug contacts* 2. Replace battery* 3. Replace charger
Front light does not work	1. Errors in operation 2. Cable connection defective 3. Plug loosened 4. Front light defective 5. Battery Empty	1. Read Control Display Operation* 2. Replace cable* 3. Check plug connections 4. Replace front light* 5. Fully charge the battery

Unusual noise development	1. Chain must be regreased 2. Gear change must be readjusted 3. Chain is too tight 4. Pedal crank has loosened 5. Steering head bearing has too much play	1. Regrease chain 2. Readjust gear shift* 3. Retension chain* 4. Tighten the crank arms* 5. Tighten steering head bearings
Braking effect decreases, Brake shows no effect	1. Brake pad wear 2. Brake incorrectly adjusted 3. Brake become too hot under continuous loading (e.g. due to long downhill rides)	1. Renewing the brake pads* 2. Readjusting the brake system* 3. Use brake alternately
Unsteady behavior of the chain in the first or last gear of the gear shifting system Gears do not shift cleanly	1. The gear shift is misaligned 2. Parts of the gear shift are defective 3. Gear shift, chain and shift arm are heavily soiled or not sufficiently lubricated	1. Adjusting the gear shift* 2. Replacing the defective components* 3. Cleaning and regreasing of the respective components

* Please do not carry out these solutions yourself. Please contact a suitable technician or specialist workshop or our support.

10. DATA SHEET

Model: C3M II / C3V II		
1	Wheel diameter	700mm
2	Weight incl. Battery	18kg
3	Maximum speed	25km/h
4	Maximum permissible load	120kg
5	Dimensions of the E-Bike	1820*630*1030mm
Main battery parameters		
1	Battery type	Lithium-ion
2	Capacity 26ft he battery	36V 10Ah
Main parameters of the engine		
1	Engine mode	Rear wheel hub engine
2	Engine type	brushless DC engine
3	Power	250 W
4	Voltage	36V
Battery charger		
1	Input voltage	AC 100/240 V, 50/60 Hz
2	Output voltage	DC 42 V
3	Output current	2A

11. DECLARATION OF CONFORMITY

The manufacturer declares that the products mentioned above are in conformity with all relevant declarations of the Machinery Directive -2006/42/EC, Low Voltage Directive 2014/35/EU Product Safety 2001/95/EC, RoHS 2011/65/EC 2015/863 and are compliant with the Electromagnetic Compatibility 2014/30/EU.



12. DISPOSAL

Our obligation to inform according to the battery law

In connection with the sale of batteries or the delivery of devices containing batteries/rechargeable batteries/lamps, we are obliged to inform you of the following:

Do not dispose of your old appliance in household waste!

As the end user, you are legally obliged to return used batteries/battery packs/lamps. In the case of a removable battery/battery or illuminant, you must return them separately to the appropriate return system. You can return old appliances/batteries/lamps to the collection points of the public waste disposal authorities (recycling centres) and to distributors as defined by the ElektroG (retail trade). In addition, you can return such old devices/batteries/lamps, of which LEICKE has similar devices in its range, to our dispatch warehouse:

LEICKE GmbH

Ref.: Old appliances/batteries/lamps

Stohrerstr. 17

04347 Leipzig

You yourself are responsible for completely deleting possible personal data on old devices.

The symbols shown on the batteries have the following meanings:

The symbol of the crossed-out wheeled bin means that the battery must not be disposed of with household waste.

Pb = battery contains more than 0.004% lead by mass

Cd = battery contains more than 0.002 mass percent cadmium

Hg = battery contains more than 0.0005 mass percent mercury.

Please note the above information.



13. COMPANY INFORMATION

We have made every effort to ensure that the information in this manual is correct, although product function parameters are subject to change without notice.

LEICKE GmbH

Stöhrerstr. 17

04347 Leipzig

info@leicke.com

14. WARRANTY

Warranty and guarantee:

You can make warranty claims within a maximum period of 24 months, calculated from the date of purchase. The warranty is limited to the repair or replacement of the damaged component / e-bike and is at our discretion. Our warranty is always free of charge for you. However, it does not apply if defects other than material and workmanship defects are detected.

Frame guarantee:

The frame is guaranteed for 5 years against breakage. The warranty starts from the date of purchase. In the event of a frame breakage, we will offer you an exchange of the e-bike or a credit note, less a flat-rate usage fee, upon presentation of the purchase receipt. The amount of the flat-rate usage fee depends on the period since you purchased the e-bike. The warranty does not apply if defects other than material and workmanship defects are found. This also applies if you have drilled holes in the frame, e.g. to attach accessories. In this case, the warranty on the electronics of your e-bike also expires.

Battery warranty:

1. We provide a 12-month guarantee on the proper functioning of the battery. The warranty starts from the date of purchase. The warranty service is limited to the repair or replacement of the battery and is carried out at the discretion of LEICKE. The warranty service is always free of charge for you. The warranty does not apply if defects other than material and workmanship defects are detected. Changes due to wear and tear, such as capacity reductions, are expressly excluded from the warranty.
2. The claim to warranty or guarantee must be proven by presentation of the purchaser's sales receipt.
3. The investigation of the fault and its causes shall always be carried out by LEICKE. The components replaced within the scope of the warranty or guarantee become our property.
4. In the event of a justified warranty or guarantee claim, the costs of shipping and the costs of removal and installation shall be borne by LEICKE.
5. If the E-bike has been modified by third parties or through the installation of third-party parts, or if any defects that have occurred are originally related to the modification, the warranty and guarantee claim will expire. Furthermore, it expires if the instructions given in the user manual regarding the handling and use of the bike have not been followed. This applies in particular to the intended use as well as the care and maintenance instructions.
6. The following are not included in the warranty or guarantee:
 - a) Components subject to wear, consumption or deterioration (except for clear material or manufacturing defects), such as: -Tyres - Lights - Saddle - Brake components - Stand - Battery - Chain - Sprockets - Grips - Fuse - Shift sprocket -Stickers/Decals - Cables - Bowden cables - etc.

- b) Damage attributable to:
 - the non-use of original spare parts.
 - Manipulation of the control software of the engine control unit (incl. de-throttling, tuning, etc.)
 - the improper installation of components of the buyer or a third party.
 - Damage caused by stone chipping, hail, road salt, industrial fumes, lack of care, unsuitable care products, etc.
- c) Consumables not related to repair work on recognized faults.
- d) Any maintenance or other work resulting from wear and tear, accident or operating conditions such as driving in disregard of the manufacturer 's instructions.
- e) All occurrences, such as noise development, vibrations, colour changes, wear, etc., which do not affect the basic and driving characteristics.
- f) Costs for maintenance, inspection and cleaning work.

7. The claim to warranty or guarantee entitles the customer to demand only the rectification of the defect. Claims for return or reduction of the purchase price shall only apply after rectification has failed. Compensation for indirect or direct damage shall not be granted.
8. The warranty or guarantee period is neither renewed nor extended by an executed warranty or guarantee. The assertion of claims after the expiry of the period is excluded.
9. Warranty and guarantee provisions other than those listed above are only valid if confirmed in writing by Leicke GmbH / SachsenRad.
10. Should a technical problem occur with the E-bike you have purchased, please contact the support hotline of Leicke GmbH / SachsenRad.

Contact: info@sachsenrad.de

LEICKE GmbH,
Stöhrerstr. 17,
04347 Leipzig



15. RETURN RECEIPT

If you have any questions regarding your e-bike, please contact our customer service department:
info@sachsenrad.de

Your data			
Reference no.			
Name			
Street		No..	
City		code	
Country			
E-mail			

Return address			
Company	LEICKE GmbH		
Street	Stöhrerstraße	Nr.	17
City	Leipzig	PLZ	04347
Country	Germany		
Ref.	Return SachsenRad		

bought at	
bought on	

E-bike model / item number	
Frame size	
Color	

Please fill out this form carefully. All information is voluntary. Incomplete completion will not negatively affect your consumer rights, but will complicate and delay the processing of your return.

Reason for return	
Does not like, does not meet expectations	
Shipping carton damaged	
Wrong item was delivered	
No intention to buy	
Delivery time too long	
Delivery incomplete	
Item defective	
Item damaged	

Returning - Here 's how it works if our customer service was unable to solve your problem.

1. Please contact our customer service before you return the product.

2. Pack well.

Take your time and pack the item carefully.

Remove old labels and barcodes from the shipping box.

You can find video instructions here: <https://youtu.be/zJ2FOVUJSYw>

3. fill out the return receipt and put it in the package.

If you have already sent the receipt to us by mail,
it is sufficient to indicate the reference number.

4. stick the return label on the package.

If you do not have a return label yet, then simply contact our customer service.

5. take the package to the post office

After successful processing of the return, we will send you an e-mail and inform your dealer.

In the case of signs of use or damage, as well as improper shipping, we may be entitled to charge the resulting depreciation. Please refer to the instructions in your dealer's cancellation policy.

Defect	Description
Battery	
Charger	
Display (error code)	
Brakes	
Motor	
Handlebar	
Suspension fork	
Wheel	
Light	
Bottom bracket	
Other	

If you send this receipt by mail, please include pictures or videos of the defect as attachments.

contact:



Leicke GmbH Stöhrerstraße 17, 04347 Leipzig | Telefon: 0341 - 218 259 00 | E-Mail: info@leicke.com | Web: www.leicke.com

Ust-IDNr.: DE263609996, Amtsgericht Leipzig | HRB: 24739 | WEEE-Reg.Nr.: DE 41805037 | Zollnummer: 7275978



We wish you
a good trip with your

SachsenRad E-Racing Bike C3M II/C3V II

