



The manufacturer reserves the right to change and release product firmware updates and to keep this manual up to date.
<https://www.okai.co>

OKAI EB50



Instruction Manual

Contents

OKAI

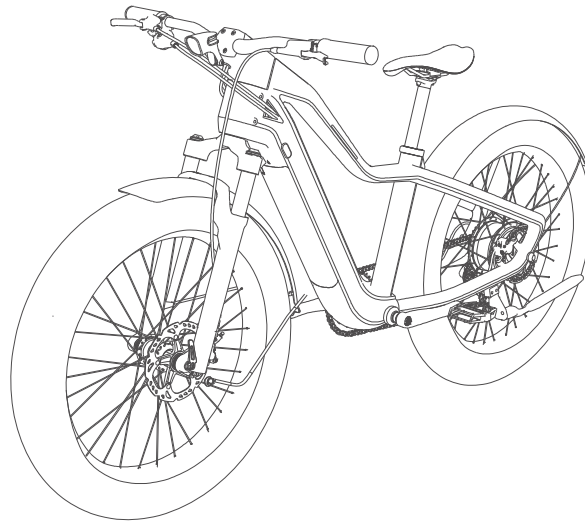
1.Introduction	02
1-1.Technical Data	03
1-2.Symbol Explanations	05
1-3.List of finished product and parts	06
2.Intended Use	07
3.Safety Instructions	07
3-1.Safety instructions	07
3-2.RF exposure warning	10
3-3.Battery safety precautions	10
3-4.Safety instructions for battery charger	11
4.How To Use	12
4-1.Instrallation instructions	12
4-2.Charging the battery	19
4-3.Ride preparation	20
5.Maintenance,Cleaning and Service	20
5-1.Maintain	20
5-2.Clean	20
5-3.Storage and transportation	21
6.Handling	21
7.Explanation Of Error Codes	22

1.Introduction

OKAI

Thank you for purchasing the OKAI electric bike.

OKAI sincerely hopes that you can ride the bike safely and enjoy a comfortable riding experience. Since riding a bike carries certain risks, please read this practical manual carefully before riding, and adequately prepare before going on the road. Please keep the instruction manual in case you need it from time to time. If you give the electric bike to others, please also provide them with this user manual. Failure to comply with this user manual may cause serious injury to people or cause damage to the product. OKAI does not assume any responsibility for this. In order to be concise and easy to read, the OKAI E-Bike will be referred to as "product" in the following Content.



1-1.Technical Data

Item	Content	EB50
Parameter	Dimensions (unfolded): LxWxH	1925*710*1104(mm)
	Frame Size	26"
	N.W.	38kg
	Maximum Speed	32 km/h (20mph)
	Range	≤72km (45miles)
	Adapted Terrain	Flat/Mountain land
	Operating Temperature	0~40°C
	Storage Temperature	-20~45°C
	IP Rating	IPX5
	Charging Time	2.8A<6H
Battery Parameter	Rated Voltage	48V
	Rated Capacity	14.7Ah
	BMS	Negative point port
	Battery Quantity	39Pcs
	Swappable Battery? (Yes or No)	Yes
Motor Parameter	Max Torque	85N.m
	Rated Voltage	48V
	Rated Power	750W
	Max Power	1000W
	Motor Control Mode	Brushless gear reduction motor
Brake	Brake Stopping Distance	≤10m
	Brake Mode	Front:disc brake Rear:disc brake
Tire	Tire Size	Front:26inch Rear:26inch
	Tire Material	Pneumatic tire

Item	Content	EB50
Charger	Input Voltage	100-240V
	Output Voltage	54.6V
	Output Current	2.8A
Rider	Max Load	150kg
	AGE Recommended	>14 years old
	Height Required	140~200cm
Features	Brake Light	Normally on
	Riding Mode	Zero start (rear drive)
	Certification	FCC、CPSC
Packing	Manner Of Packing	1pcs/ctn
	G.W.	45.5kg

*Specifications are subject to change without prior notice.

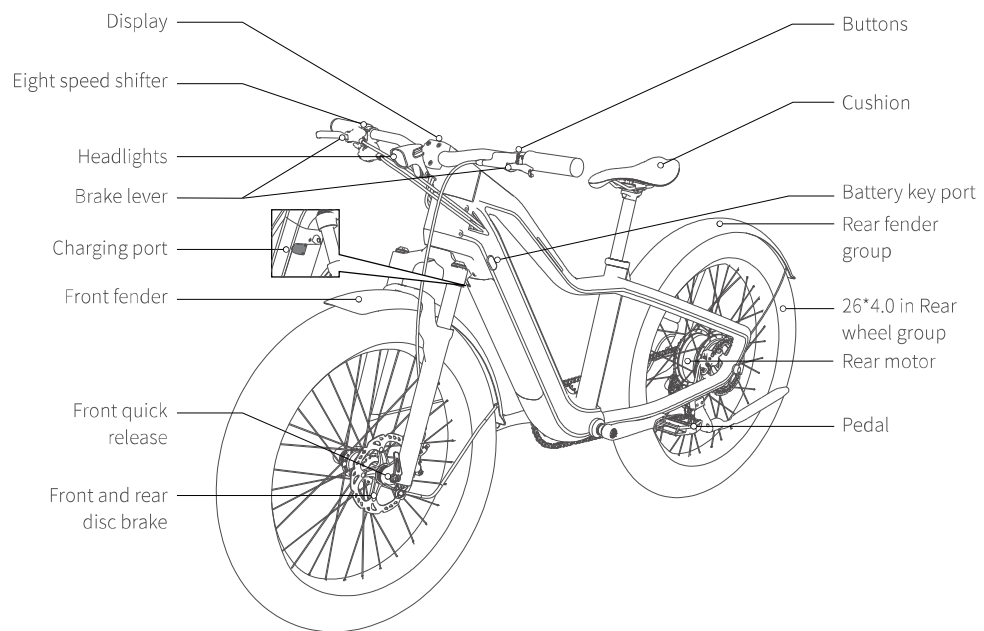
*Range: When fully charged, with a load of 75kg, an ambient temperature of 25°C, driving on a flat road with human-assisted.

*Factors affecting the range include: speed, ambient temperature, climbing, number of starts and stops, etc.

1-2.Symbol Explanations

DANGER	Indicates a hazard signal with a high degree of danger. If not avoided, death or serious injury may occur.
WARNING	A hazard signal that indicates a moderate hazard. If not avoided, death or serious injury may occur.
CAUTION	A hazard signal that indicates a lower hazard. If not avoided, mild or moderate injury may occur.
	This symbol marks additional information and instructions about the product and its use.
	Please read the instruction manual carefully before use.
	Positive and negative display.
	This product is a second-class protection product.
	Wear personal protective equipment(PPE).
	Please do not use this product after taking alcohol, sedatives or psychotropic drugs.
	Minimum age: 14 years old.
	Do not enter the road with these signs.

1-3.List of finished product and parts



Size: length 1925*width 710*height 1104mm

2.Intended Use

OKAI

·An electric bike is intended for sport and entertainment purposes, not for use as a means of transportation, but the transportation function of the product once you drive it into public areas (as permitted by the laws and regulations of your region and country) also carries potential safety risks for all vehicles. Drive strictly in accordance with the instructions in this manual to ensure the safety of yourself and others to the utmost extent, and to ensure compliance with national first-level traffic laws and regulations of various provinces and cities, such as traffic regulations, etc.

·Please note: Once you drive an electric bike on public roads or other public places (as permitted by the laws and regulations of your region and country regarding the use of electric bike on public roads or other public places), even if you fully comply with this safe driving guide operation, you may also face risks caused by illegal driving/improper operation by others, or other vehicles. Just like when walking or riding a bicycle, you may also be injured by other vehicles. As with any vehicle, the faster you drive an electric bike, the longer the distance required to brake, and emergency braking on smooth surfaces may also cause the wheels to slip and lose balance or even fall over. Therefore, it is very important to be vigilant when driving, maintain a proper speed, and maintain a reasonable and safe distance from other people and vehicles. When driving on unfamiliar terrain, stay alert and drive at a low speed.

·Please respect the pedestrian's right of way when driving. Avoid frightening pedestrians, especially children.

·When driving in countries and regions where there are currently no national standards and regulations related to electric bike, such as China, please be sure to comply with the safety requirements for drivers in this manual. Zhejiang Okai Vehicle Co., Ltd will not bear any direct or joint liabilities for any financial losses, losses of life, legal disputes, or any other unfavorable events that occur due to the violation of the recommended uses indicated in this manual.

·To avoid potential injury, do not lend the electric bike to people who can't operate it. If you give the electric bike to a friend to use, please be responsible for your friend's safety, teach them to operate the bike, and tell them to wear protective equipment.

·Please perform a basic inspection of the electric bike before each driving. If you find that there are loose parts, the battery life is obviously reduced, the tires are excessively worn, the steering makes abnormal noises or malfunctions, etc., please stop using the bike immediately, and do not force it to drive.

3.Safety Instructions

This section lists the safety instructions that should be followed when using this product.

3-1.Safety instructions

It may be dangerous to use this product! Learn to use the product step by step and spend enough time in practicing. Please follow all the tips and warnings set forth in this manual to reduce risk of injury. Even if you have enough practice, guidance or expertise, you may still lose control, collide or fall over, which may cause serious harm to yourself or others.

1. Keep the printed instructions for further reference and read carefully before use.
2. Maximum speed allowed: 32 km/h (20mph)
3. Pregnant women, the disabled, and those who suffer from heart, head, back or neck conditions (or have undergone operations on these parts) should not use this product.

4. Do not use this product after taking alcohol, sedatives or psychoactive drugs.
5. Keep a distance of at least 1m/3ft from pedestrians, other vehicles and any obstacles.
6. This product can only be used when the environment permits it and the personal safety of bystanders is guaranteed.
7. Pay attention to the obstacles in front and of those far away.
8. This product may be used by only one person. It is forbidden to use this product with others. Don't make sharp turns when driving the bike at high speeds.
9. Avoid sudden acceleration or sudden braking; do not lean your body for acceleration.
10. Excessive forward or backward is strictly prohibited.
11. Do not misuse this product. Do not use this product on roadsides, ramps, in skate parks, empty swimming pools, or any place similar to sliding plates.
12. Do not use this product to cross obstacles, slopes, ice or snow, nor climb up or down steep slopes, stairs or escalators. Do not expose this product in the rain.
13. Do not use this product in places where the depth of the puddle exceeds 10cm / 3.94in, because water may enter the motor.
14. Don't jump on this product. Don't try to use this product to do any acrobatics or activities not intended.
15. In order to avoid distraction when riding, please do not wear earphones, earplugs, make or answer calls, take pictures or videos or do any activities that are not related to riding so that you may maintain an awareness of your surroundings at all times.
16. Be sure to hold both handles when riding.
17. Avoid using this product at night or in places with poor visibility.
18. When you encounter pedestrians or other obstacles, check if you can pass safely.
19. Please use this product and its accessories at an appropriate temperature. Pay attention to the temperature requirements for battery charging.
20. Please always wear personal protective equipment (to protect wrists, knees, head and elbows) suitable for your weight and size to avoid injury. In working areas, local laws or regulations may have minimum requirements for helmets. In addition, it is suggested that safety mirrors be worn.
21. According to French traffic rules, reflective clothing and helmet is strongly required when riding.
22. Do not hang this product with other products or vehicles.
23. When not used, this product should be parked with the kickstand.
24. Any load added to the handle will affect the stability of the bike.
25. **WARNING!** The braking distance will be extended under humid conditions.
26. **WARNING!** If any mechanical parts are subject to great external pressure and wear, different materials and parts may react differently. If a part exceeds the expected service life, it may suddenly break, which may cause injury. Cracks, scratches and discoloration in the area affected by external pressure indicate that the part has exceeded its service life and should be replaced as soon as possible.
27. Please spend enough time practicing how to use this product, so as to avoid accidents caused by lack of skills.
28. If training is required, the seller may provide corresponding training tutorials.
29. When you are approaching pedestrians or cyclists, you may ring the bell to alert them.
30. When passing a protected passage, please dismount from the bike and walk through it.
31. Pay attention to protect your own safety and the safety of others in all cases.
32. Do not use this product for other purposes such as carrying people and objects.
33. Using the brake for long durations may cause it to heat up. Avoid touching them to prevent burns.
34. Regularly check all bolts and screws, especially the axles, folding system, steering system and brake shaft.

35. It is prohibited to refit this product, including steering tubes, steering sleeves, steering rods, folding mechanisms and rear brakes.
36. Accessories and any additional items which are not approved by the manufacturer shall not be used.
37. When riding, the noise should not exceed 70dB.
38. When using the product, users must wear shoes.
39. This appliance can be used by children aged from 14 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
40. Traffic in the city has many obstacles to cross such as curbs or steps. It is recommended to avoid obstacle jumps. It is important to anticipate and adapt your trajectory and speed to those of a pedestrian before crossing these obstacles. It is also recommended to get out of the vehicle when these obstacles become dangerous due to their shape, height or slippage.
41. Get closer to your seller so he can refer you to an appropriate training organization.
42. Avoid high traffic areas or overcrowded areas.
43. In any case, anticipate your trajectory and your speed while respecting the code of the road, the code of the sidewalk and the most vulnerable.
44. Notify your presence when approaching a pedestrian or cyclist when you are not seen or heard.
45. Cross the protected passages while walking.
46. In all cases, take care of yourself and others.
47. Power-off the vehicle during charging.
48. Do not divert the use of the vehicle.
49. This vehicle is not intended for acrobatic use.
50. **Caution!** The brake may become hot while in use. Do not touch the brakes after use.
51. Regularly check the tightening of the various bolted elements, in particular the wheel axles, the folding system, the steering system and the brake shaft.
52. Eliminate any sharp edges caused by use.
53. Do not modify or transform the vehicle, including the steering tube and sleeve, stem, folding mechanism and rear brake.
54. The self-tightening nuts as well as the other self-tightening fastenings may lose their efficiency and that they may need to be retightened.
55. **WARNING!** As with any mechanical component, a vehicle is subject to high stresses and wear. The various materials and components may react differently to wear or fatigue. If the expected service life for a component has been exceeded, it may break suddenly, therefore risking causing injuries to the user. Cracks, scratches and discoloration in the areas subject to high stresses indicate that the component has exceeded its service life and should be replaced.
56. In order to prevent theft, it is recommended that physical lock be used when the bike is not in use to secure it.
57. **WARNING!** Risk of Fire and Electric Shock – No User Serviceable Parts.
58. Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials, store indoors when not in use.

Failure to use common sense and heed the above warnings will increase the risk of serious injury or even death, so be careful!

3-2.RF exposure warning

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

· Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

⚠ NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

3-3.Battery safety precautions

· The battery should not be exposed to excessive heat such as sunlight, fire or the like. Otherwise there will be a risk of explosion!

· If this product is not used for more than 30 days, please fully charge the battery.

· Fully charge the battery every 90 days. Otherwise, the battery will conduct self-discharge and be damaged.

· If the battery emits a strong smell or becomes hot, stop using the product immediately. Do not open the product casing and don't try to disassemble the battery by yourself.

· Please dispose of the battery correctly and safely.