Riding'times

CE

Z8 ELECTRIC BIKE
OWNER'S MANUAL

WELCOME

Please read this owner's handbook carefully before using your Riding'times order to become thoroughly familiar with the correct operation of your bike's controls, features, capabilities, and limitations. This handbook includes safe riding tips but does not contain any of the techniques and skills necessary to ride an electric bicycle safely.

Join the Riding'times community of riders wherever you are!

This is just the beginning of your adventure with us! We look forward to hearing about your experience and seeing you online on our social networks:

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tiktok.com/@ridingtimes

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EN: If you have any questions, please contact us first. Our professional local customer service will reply within 24 hours.

DE: Wenn Sie Fragen haben, kontaktieren Sie uns bitte zuerst. Unser professioneller lokaler Kundenservice wird innerhalb von 24 Stunden antworten.

FR: Si vous avez des questions, veuillez d'abord nous contacter. Notre service clientèle local professionnel répondra dans les 24 heures.

IT: Se hai domande, contattaci per primo. Il nostro servizio clienti locale professionale risponderà entro 24 ore.

ES: Si tiene alguna pregunta, póngase en contacto con nosotros primero. Nuestro servicio de atención al cliente local y profesional responderá en un plazo de 24 horas.

WARNING

1.Check all parts of the bike and ensure that they are in good condition before riding. If any problems are found, contact the dealer immediately.

2.Obey traffic regulations and do not carry passengers on the bike.

3.Slow down in rainy, snowy, or slippery conditions and increase the braking distance to ensure safety.

4.The bike is not designed for wading. If water level reaches the wheel hub of the rear motor, it may cause a short circuit and damage the electrical system.

5.Avoid touching the two metal contacts of the battery box at the same time, as it may generate a large short-circuit current and lead to an accident.

6.Do not disassemble or modify the bike's components by yourself. If parts need to be replaced, purchase standard parts from the general agency of the company.

7.Do not lend the electric bike to someone who cannot operate it safely to avoid unnecessary damage and accidents.

8.To minimize the risk of serious injury, protective equipment should be worn at all times including a helmet. You are responsible for your own safety. Use this product with extreme caution and at your own risk.

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Assemble mountain bike

Figure 1

1. Take out of the mountain bike from the box(figure1)

Figure 1

Figure 2

2.Assemble the handle bar:Put the handlebar into the center of the vertical bar(figure 1),fasten. the screws by using NO.4 Allen Wrench(figure2).

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

4.Assemble the front wheel:Put the front wheel on the suspension fork, disc brake is the left of the vehicle(Figure 1);Take out of the quick release bag from the accessory box,insert to the front wheel axle hole(Figure 2), twist the quick release nut to the right tightness(Figure 3),move down to remove the handle(Figure 4/5)

3. Assembe the headlight:Take out the leadlight from the accessory box,it is assembled on the suspension fork by using No.4 Allen Wrench.

Figure 1

Figure 2

5. Insert the connection cable:Insert and connect the cable of the left/right brakes,speed swivel,dashboard,three-in-one switch based on the color,pay attention to the cable connector directions(Figure 1),manage the cable harness(Figure 2).

Figure 1

Figure2

6:Assemble the front mudguard:Put the mudguard on the wheel,and use the NO.4 Allen wrench and the open spanner fixed the mudguard on the front fork;And then still use NO.4 Allen wrench put the mudguard support frame fixed to the left and right of the front fork(Figure 2)

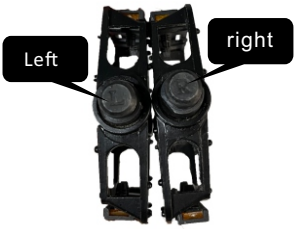


Figure 1

Figure2

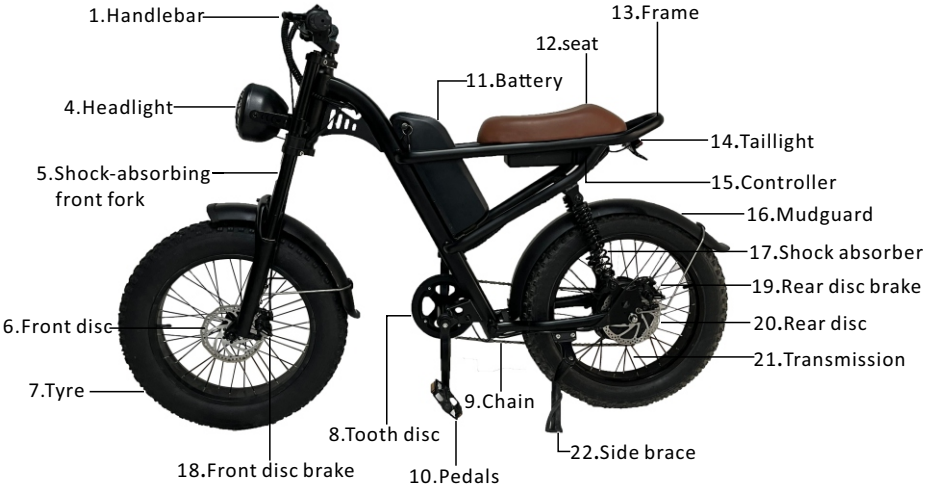
7:Assemble the pedal plate:Take out of the left and right pedal plate,Lis for left side and R is for the right side(Figure 1),put the pedal plate on the crank, fasten it by using the open spanner(Figure 2)

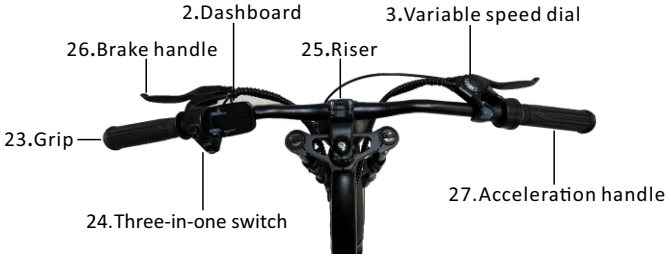
Figure 1

Figure2

8:Manage the cable harness:Take out of the winding tube from the accessory box,put the left brake cable,brake crank power off cable,dashboard cable, three-in-one switch cable twine together,and put the right accelerate brake handle cable,transmission cable,brake crank power off cable twine together, pay attention no need to twine the right brake cable.

Analytic drawing of various parts of mountain bike





1.Handlebar
2.Dashboard
3.Variable speed dial
4.Headlight
5.Shock-absorbing front fork
6.Front disc
7.Tyre
8.Tooth disc
9.Chain
10.Pedals
11.Battery
12.seat
13.Frame
14.Taillight
15.Controller
16.Mudguard
17.Shock absorber
18.Front disc brake
19.Rear disc brake
20.Rear disc
21.Transmission
22.Side brace
23.Grip
24.Three-in-one switch
25.Riser
26.Brake handle
27.Acceleration handle

SPECIFICATIONS

Product Model: Z8

Motor :48V

Battery: 48V 15Ah

Load: 130KG

Mileage: 40-90KM

(Depends on load, terrain and riding habits)

Charging time: 6-8hours

Wheel diameter:20 inches

Charger: 48V 2A

Battery instructions

1.Battery charging:this car is an external lithium battery,which can be removed for charging.

When the battery is low,open the key and take out the battery.Hold the battery tighely with both hands to prevent it from falling,Take out the charger,plug the input end into the power supply,and plug the output end dc2.1into the battery charging hole,When the red lighe is on,it will be charged for 7-9 hours,and when the green light is on,it will be full.

2.Warnings

(1).Load circuit may cause voltage and current,and the voltage orcurrent may add to pack,the voltage orcurrent must be controlledas lower than RWV and RWl,larger voltage or current may damage the PCM of pack.
(2).To prevent the possidility of the pack from leaking,heating fire.please observe the following precautions:

★ Do not immerse the pack in water and seawater Guard against Damp.
★ Do not use and leave the pack near a heat source as fire or heater.
★ When recharging,use the battery charger specifically for that purpose.
★ Do not connect the pack to an electrical outlet.
★ Do not discard the pack in fire or heat it.

★Do not short-circuit the pack by directly connecting the positive and negative terminal with metal object such wire
★Do not transport and store the battery together with metal objects such as necklaces,hairpins etc.
★Do not strike or throw the pack.
★Do not directly solder the pack or battery and pierce the battery with a nail or other sharp object.
★As installed safety device in the battery,please do not resolve or chane any other sections of the battery to protect the inherent safety functions.

3.Cautions

(1).Do not use or leave the pack at very high temperature (for example at strong direct sunlighe or a vehicle in extremely hot conditions).
(2).Donot use it in a location where static electricity is great,otherwise the safety devices in the pack may be damaged,which will cause hidden trouble of safety.
(3).If the pack leaks and the electrolyte get into the eyes,do not rub eyes, instead,rinse the eyes,with clean running water,and immediately seek medical attention.Otherwise,eye injury can result.
(4).If the battery emits peculiar smell,heating,discoloration,deformation during use or storage,or any abnormal phenomenon occurs during charging, immediately remove the battery from the charger or device,and stop using the primary charge and discharge to activate the battery.
(5).In case the pack terminals art dirt,clean the terminals with a dry cloth before use.Otherwise power failure or charge failure may occur due to the poor connection with the instrument.
(6).Be aware discharged battery may cause fire or smoke,tape the terminals to insulate them.
(7).The pack should be stored at room temperature,charged to about40% to 60% of capacity.In case of over-discharge,pack should be charged for one time every 3 months while storing and batteries should be discharge and charge after being stored more than a year in order to activate it and restore energy.
(8).Prohibiteon short circuit
Never make short pack circuit.It generates very high current which causes heating of the cells and may cause electrolyte leakage,gassing or explosion that are very dangerous.The LIP tabs may be easily short-circuited by putting them.onconductive surface.Such outer short circuit may lead to heat generation and damage of the cell.

9.Mechanical shock

LIP cells have less mechanical endurance than metal-can-cased LIB.

Falling,hitting,bending,etc.may cause degradation of LIP characteristics.

Instructions of the Dashboard

1.Product name and model

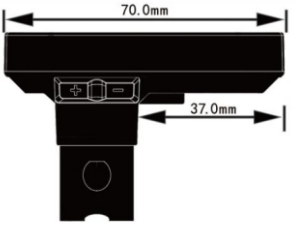
Intelligent LCD display for e-bike;model:YL81C.

2.Specifications

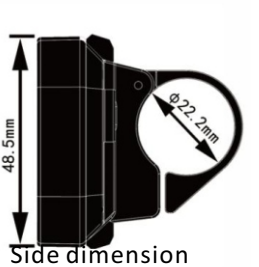
- 36V/48V power supply
- Rated working current 15mA
- Maximum working current 30mA
- Leakage current at power-off<1uA
- Working current at the supply controller end 50mA
- Working temperature-20~60℃
- Storage temperature-30~70℃

3.Appearance and dimensions

Physical picture of display



Front dimension drawing of display



Side dimension drawing of display

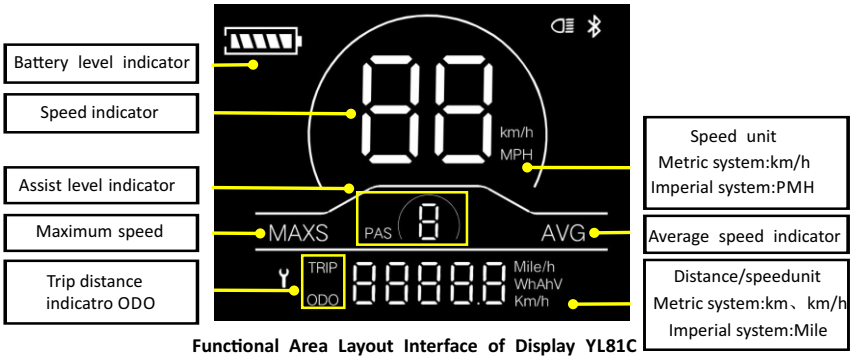
4.Function overview and functional area layout

(1).Function overview

Display YL81C provides a variety of functions tomeet the riding needs of users,including:

- Battery level indicator
- Assist level adjustment and indication
- Headlight indicator
- Speed indicator :including real-time speed,maximum speed(MAXS) and average speed(AVG)
- Distance indicator:including ODO and trip distance(Trip)
- Error code indicator

(2).Functional area layout



Functional Area Layout Interface of Display YL81C

(3).Button definitions

There are three buttons on the operating unit of display YL81C,i.e.,the on/off button⏻,plus button➕and minus button➖.

5.General operation

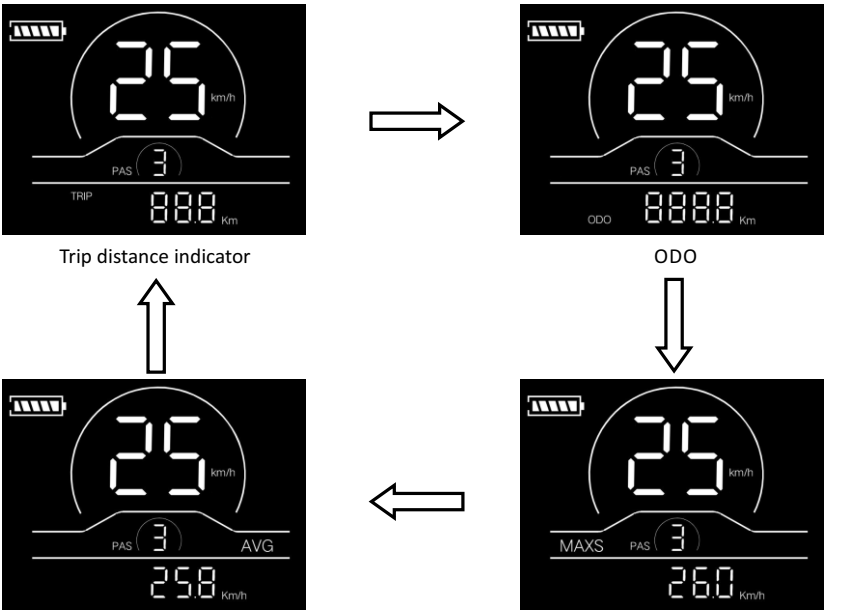
(1).Power on/off

If your e-bike is not used for more than 10minutes,the display will be automatically powered off.

(2).Display interface

After the display is turned on,the display will show the real-time speed (km/h)and the trip distance(km) by default.By pressing the button,the information displayed will be switched between the trip distance (km),

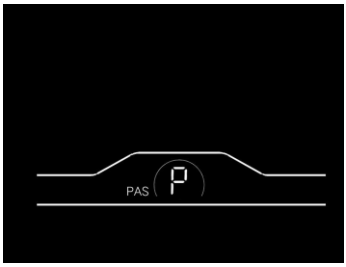
ODO(km),maximum speed(km/h) and average speed(km/h).When the distance reaches 9999.9km,it will be automatically reset to zero.



Display Interface Switching

(3).Push assistance

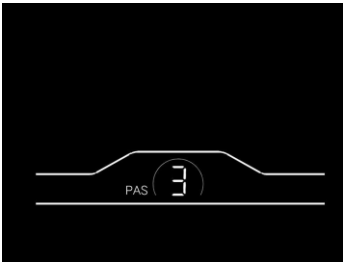
By pressing and holding the button the electric push a ssistance mode will be enabled.Your e-bike will run at the constant speed of 6km/h.The display will show level p.By releasing the button,your e-bike will immediately stop power output and return to the state before push assistance.



Push Assistance Indicator Interface

(4).Assist level selection

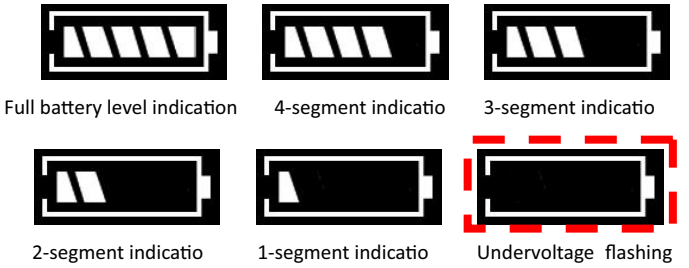
By pressing the button+/-,the e-bike assist level will be switched to change the motor output power.The assist levels available for the display levels 0-5.



Assist Level Switching Interface

(5).Battery level indicator

The battery level indicator consists of five segments.When the battery is fully charged,the five segments will be all on.In case of undervoltage, the outline of the battery indicator will flash,which means the battery has to be charged immediately.



Battery Level Indicator Interface

(6).Error code indicator

When a fault occurs in the electronic control system of your e-bike,the display will automatically indicate the error code in the distance area in the distance area in the format of E0**.Detailed definitions of error codes codes are shown in Schedule1.

Error Code Indicator Interface

When an error code appears on the display interface,please conduct troubleshooting in time.Otherwise,your e-bike will not work normally.

6.General setting

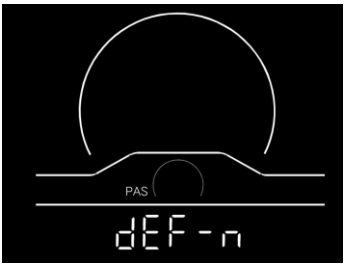
All parameters can only be set when your e-bike stops.The steps for general setting are as follows:In the power-on state,when the display shows the speed of 0.

(1).Trip distance reset

Press and hold the buttons⏻and➖at the same time for more than 2 seconds to reset the trip distance.

(2).Restore factory

dEF refers to factory reset.dEF-nrepresents not to restore factory settings,and dEF-y represents to restore factory settings.Press and hold the buttons⏻and➕at the same time for more than 2 seconds to enter the factory reset interface,and press the button➕/➖to select a parameter.



Restore the factory setting interface

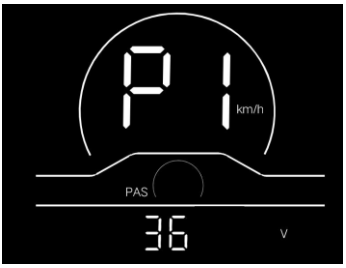
7.Custom setting

All parameters can only be set when your e-bike stops.

The steps fo customsetting are as follows:
In the power-on state,when the display shows the speed of 0.
Press and hold the buttons ⊕ and ⊖ at the same time for more than 2 seconds to enter the selection interface of custom setting options.
Press the button ⊕ / ⊖ to switch the selection interface of general setting options,and press the button ⏻ to enter the parameter modification interface.
Press the button ⊕ / ⊖ for parameter selection.
Press the button ⏻ to save the parameter and return to the selection interface of custom setting options.
Press and hold the button ⏻ to save the parameter and exit the selection interface of custom setting options.

(1).Rated voltage setting

P1 refers to the rated voltage setting option.Available values include:36V and 48V.Press the button ⏻ to enter the parameter modification interface. Press the button ⊕ / ⊖ for parameter selction.Press the button ⏻ to save the parameter and return to the selection interface of general setting options.



Rated Voltage Setting Interface

(2).Wheel diameter setting

P2 refers to the wheel diameter setting option.Available parameters include:8-32 inches.Press the button ⏻ to enter the parameter modification interface.Press the button ⊕ / ⊖ for parameter selection Press the button ⏻ to save the parameter and return to the selection interface of general setting options.

Wheel Diameter Setting Interface

(3).Speed limit setting

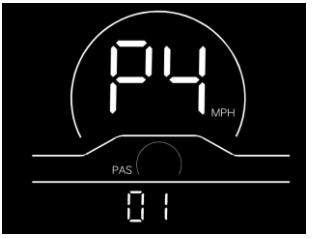
P3 represents the speed limit setting option.The adjustable range is 10~40km/h.Press the button⏻to enter the parameter modification interface.Press the button➕/➖for parameter selection.Press the button⏻to save the parameter and return to the selection interface of general setting options.

Speed Limit Setting Interface

(4).Metric/imperial system setting

P4 refers to the metric/imperial system setting option.00 represents the metric system,and 01 represents the imperial system.Press the⏻button to enter the parameter modification interface.Press the button➕/➖for parameter selection.Press the⏻button to save the parameter and return to the selection interface of general setting options.

Metric system indicator interface



Imperial system indicator interface

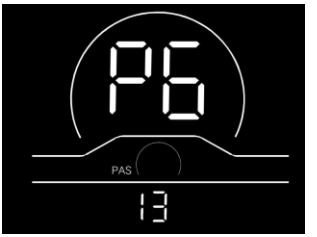
(5).Speed sensor setting

P5 refers to speed sensor setting option,which can be set according to the number of magnetic heads installed on the wheels of your e-bike. The setting range is 1-63.Press the button⏻to enter the parameter modification interface.Press the button➕/➖for parameter selection. Press the button⏻to save the parameter and return to the selection interface of general setting options.

Current Limit Setting Interface

(6).Current limit setting

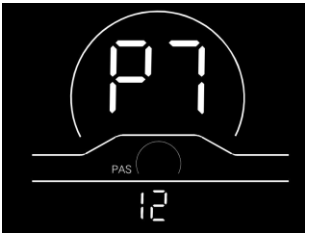
P6 refers to current limit setting .The adjustable range is 1-25A.Press the button⏻to enter the parameter modification interface. Press the button ➕/➖for parameter selection.Press the button⏻to save the parameter and return to the selection interface of general setting options.



Current Limit Setting Interface

(7).Assistance sensor setting

P7 erfers to current limit setting.The adjustable range is 1-25A .Press the button⏻to enter the parameter modification interface.Press the button ➕/➖for parameter selection.Press the button⏻to save the parameter and return to the selection interface of general setting options.



Assistance Sensor Setting Interface

8.Quality commitments and warranty scope

(1).Warranty information

- For the faults caused by the quality of the product under normal use, theCompany will be responsible for providing limited warranty during the warranty period.
- The warranty period of the product is within 12 months from delivery.

(2).Non-warranty scope

- The ceclosure is opened
- The connector is damaged
- Theenclosure is scratched or damaged after delivery
- The outgoing line of the display is scratched or broken
- Faults or damage caused by force majeure (such as fires,earthquakes, etc.) or natural disasters (such as lightning strikes,etc.)
- The warranty period has expired

9.Considerations

Please use safely,and do not plug or unplug the display when it is powered on.

- Please avoid bumping as far as possible.
- Please do not alter the background parameter settings of the display at will other wise normal riding cannot be guaranteed.
- If the display fails to work normally, it should be repaired as soon as possible.
- Due to product upgrades of the Company,part of the displayed contents or functions of the product you bought may be different from the manual, depending on the actual model.

Maintenamce and cleaning

1.If your bike is very dirty,please clean it with water or mild detergent and non abrasive sponge Driving.
2.Do not use high pressure to wash the bicycle.
3.Never wash the bearing points or electronic components of the electric bicycle directly.
4.Do not use irritant chemicals or alcohol wipes to clean the bike.
5.Please use lubricating oil to wipe the metal parts of the car body for maintenance.
6.It is strictly forbidden to oil the brake and wheel hub.

Lubr ication part	Lubr ication cycle	Recommended lubr iubr icating oil
Front fork assembly	A year	Butter (lithium grease)
Front and rear axles	A year	Butter (lithium grease)
Central axis	A year	Butter (lithium grease)
Pedal shafr	A year	Butter (lithium grease)
Sprocket	A week	Lubr icating oil
Chain	A week	Lubr icating oil
Inside the flyoheel	one month	Lubr icating oil
Brake handle	one month	Lubr icating oil

Troubleshooting instructions

1.Instrument error code

fault code	fault name	fault code	fault name
E001	controller failure	E004	handle failure
E002	communication failure	E005	brake handle failure
E003	Hall fault	E006	motor failure

Error code definition table

According to the fault code,check the connecting line of the corresponding line to see if it is damaged.

2.Vehicle line diagram