

W750 LCD Display

User's Manual

Best Quality and Perfect Experience

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About User's Manual

Dear users, please ride the electric bike safely. The display is one of the parts you use to operate your e-bike and master the riding status, please read user's manual carefully before use. Learn about its materials, installation, setting, adjustment, maintenance and normal use of display. Wish you a nice trip.

For your riding safety, please stop before changing the settings.

Main Materials and Waterproof Grade

The product shell is made of black or white PC1414 material, the display screen is made of white apparent acrylic material, and the buttons adopts silicon rubber material. To ensure its mechanical strength, the ambient temperature range of the whole display shell is -25°C-80°C.

Waterproof Grade: IP65.

Overview of User Settings

User's settings include general settings and advanced settings.

General settings include: metric/imperial, speed limit, backlight brightness.

Advanced settings include: wheel diameter, speed-measuring magnetic steels number, automatic power-off time and total gear number.

General settings can be freely set by customers. To make sure its speed measurement precision and riding status, advanced settings usually be preset before leaving the factory and can't be changed by customers.

Normal Display Area

The contents shown on display: battery indication, riding mode, riding speed, TRIP, ODO and error code. Display area is shown as below:



Buttons Definition

The display is equipped with a dedicated all-in-one button, and 3 keys are mounted on the left side of display, the shape and the position of which are shown as below:



In subsequent instructions, the topmost key is replaced by “MODE”, the middle key is replaced by “+”, and the lower key is replaced by “-”.

Preparations before Powering on

Make sure that the connectors connected with controller firmly, and turn on the e-bike power supply.

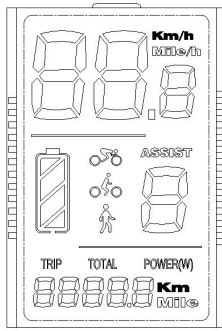
Power on and Power off

Long press the “MODE” key to power on, and long press the “MODE” key to shut off while powering on.

Recommendation: If you do not use the e-bike for more than 4 hours, please remove the battery from e-bike and store it properly.

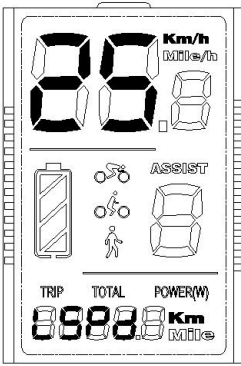
Go to General Settings - Metric/Imperial

After powering on, press and hold the “+” and “-” key at the same time, after 2 seconds, it will enter general settings, we set kilometer/mile unit firstly, short press the “+” key or the “-” key to switch metric and imperial. The setting interface is shown below:



Speed Limit Setting

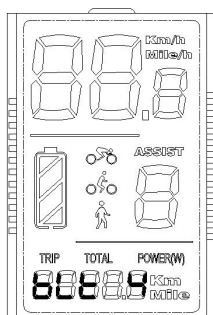
After selecting metric/imperial, short press the “MODE” key to enter the speed limit setting, then short press the “+” key to increase the limit speed, and short press the “-” key to decrease the limit speed. Setting range: 15-50 Km/H; 10-32 Mile/H. The setting interface is shown as below:



Note: The motor output power continues to decay when the wheel speed reaches or exceeds the set value. For cycling safety, it is recommended to set the speed limit at 25Km/H or below.

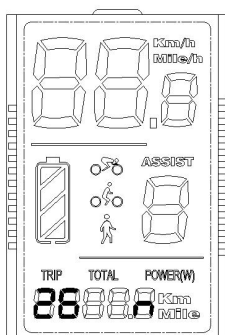
Backlight Brightness Setting

After selecting the speed limit, short press the “MODE” key to enter the backlight brightness setting, short press the “+” key to increase the brightness, and short press the “-” key to decrease the brightness. Setting range: 1-8. The setting interface is shown as below:



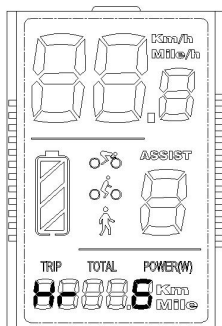
Go to Advanced Settings: Wheel Diameter

After powering on, press and hold the “+” and “-” key at the same time, after 2 seconds, enter the general settings, release all buttons, then press and hold the “+” and “-” key, short press the “MODE” key for 8 times to enter the advanced settings. The first thing to set is wheel diameter (Unit: inch), short press the “+” key to increase the wheel diameter, short press the “-” key to decrease the wheel diameter. Setting range: 8-32; Setting unit: inch. The setting interface is shown as below:



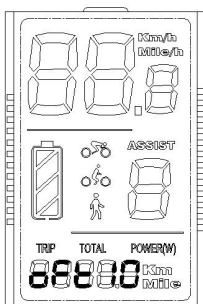
Speed-measuring Magnetic Steels Number Setting

After selecting the wheel diameter, short press the “MODE” key to enter the setting of speed measuring magnetic steels numbers, short press the “+” key to increase the number, and short press the “-” key to decrease the number. Setting range: 1-36. The setting interface is as shown below:



Automatic Power-off Time Setting

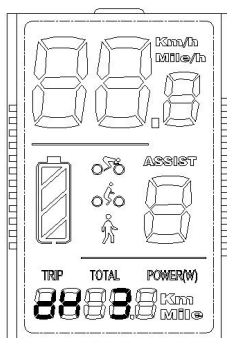
After selecting the speed measuring magnet, short press the “MODE” key to enter the automatic power-off time setting, short press the “+” key to increase the automatic power-off time, and short press the “-” key to decrease the automatic power-off time. Setting range: 0-60; setting unit: minute. When the e-bike has no action within the set time range, the display will automatically shut down and cut off the power supply of itself and that of controller. The setting interface is as shown below.



Caution: If the automatic power-off time is set to 0, it means that there will be no automatic power-off and must be turned off manually.

Total Gears Setting - Exit Advanced Settings

After selecting the automatic power-off time, short press the “MODE” key to enter the total gears setting, short press the “+” key to increase the total gear, short press the “-” key to decrease the total gear, setting range: 2-9. After selecting the total number of gears, short press the “MODE” key to exit the advanced settings, and the display will automatically save the set parameters. The setting interface is as follows:



Caution: The total number of gears does not include the parking gear, which is 0 gear. For example: the total number of gears is set to 5, then the actual gears are 0,1,2,3,4,5.

After setting the parameters, the display needs to be switched on and off again for the setting to take effect.

Switch Riding Gear and Walk Assistance Mode

Switch riding gear: short press the “+” key to increase the gear, short press the “-” key to decrease the gear.

Entering and exiting walk assistance mode: In the power-on state, press and hold the “-” key for about 2 seconds to enter the walking assistance mode, and release the “-” key to return to the riding gear.

Turn on and Turn off the Backlight

In the power-on state, long press “+” key for 2 seconds to turn on the backlight, and then long press “+” key for 2 seconds to turn off the backlight. If the e-bike is equipped with front/rear headlight, the headlight will turn on/turn off together with the backlight.

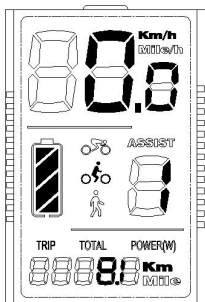
TRIP Reset

In the power-on state, press and hold the “MODE” and the “-” key at the same time for 2 seconds to reset TRIP.

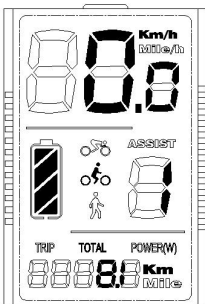
Switch TRIP/ODO

In the power-on state, short press “MODE” key to switch TRIP and ODO.

TRIP display interface is shown as below:



ODO display interface is shown as below:



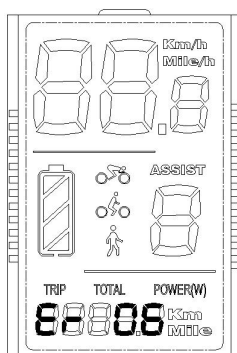
Battery Indication

The remaining battery capacity indication and the corresponding capacity are as follows:



Error Code Indication

When the e-bike electronic control system fails, the display will automatically show an error code. The definition of the error code is shown in the following table, and the error code display interface is as follows:



No	Error Code	Meaning	No.	Error Code	Meaning
1	04	Throttle isn't in initial position	7	10	High temperature has reached the protection point
2	05	Throttle fault	8	11	Temperature sensor fault
3	06	Low voltage protection	9	12	Current sensor fault
4	07	Over voltage protection	10	21	Speed sensor fault
5	08	Hall motor wire is faulty	11	22	Battery communication fault
6	09	Phase motor wire is faulty	12	30	Display communication fault

Note: Only after the fault is eliminated, can you exit the faulty display interface. If a fault occurs, turn off the power and wait until the fault is eliminated before riding.

Precautions for Use

When riding e-bike, please pay attention to safe driving and avoid bumping.

Frequently Asked Questions and Answers

Q: Why can't it be turned on?

A: Please check the reliability of the connection between the display wire harness and the connector of the controller, or whether the battery switch is turned on.

Q: How to deal with the error code displayed by the display?

A: Please refer to the error code instructions to troubleshoot by yourself. If the trouble cannot be eliminated, please go to e-bike repair station for repair in time.

Quality Assurance and Warranty Scope

Any fault caused by quality of the product under normal use will be given a limited warranty during the warranty period.

The following conditions are not covered by the warranty:

1. The display shell is scratched or damaged after leaving the factory;
2. Lead wire is scratched or broken;
3. The shell is opened by yourself;
4. Faults caused by force majeure (such as fire, earthquake, etc.) or natural disaster (such as lightning strike, etc.);
5. Beyond warranty period;

Warranty period: Within 18 months from the date of leaving factory.