

Color LCD Display Instructions



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About the user manual

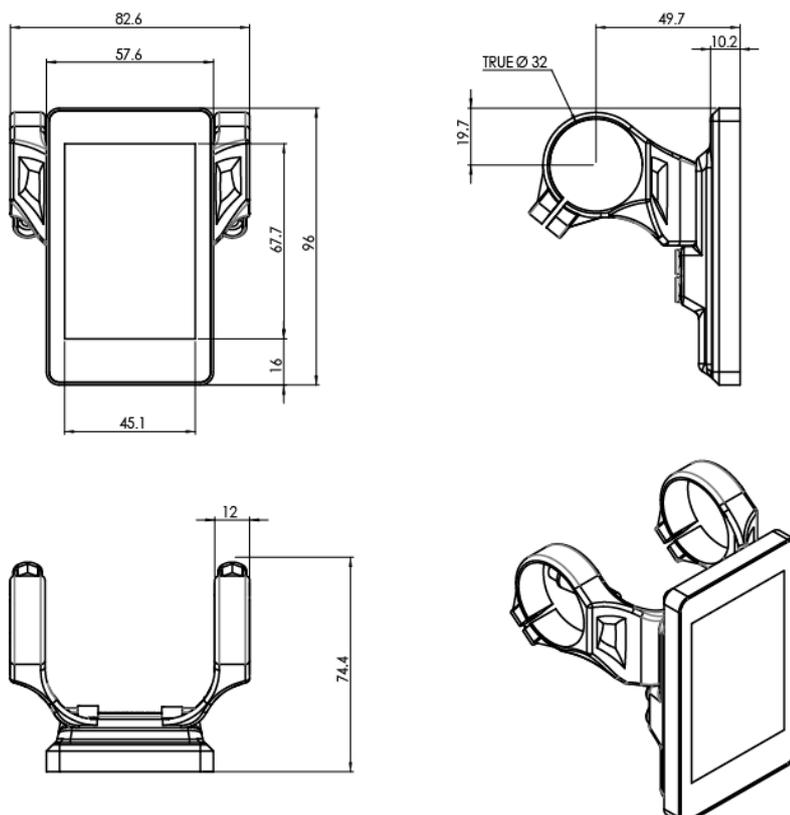
Dear users, in order to operate your electric vehicle better, please read the manual carefully before use. We will tell you each step of the color LCD display from hardware installation and setup to normal use. At the same time, the manual helps you to solve the confusion and obstacles that may arise.

Outlook and size

Material and color

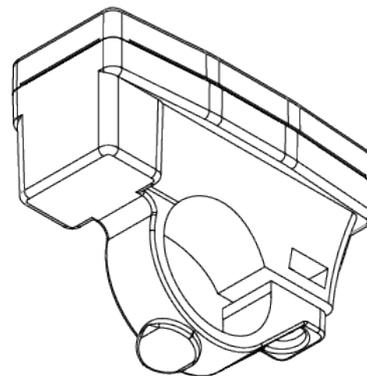
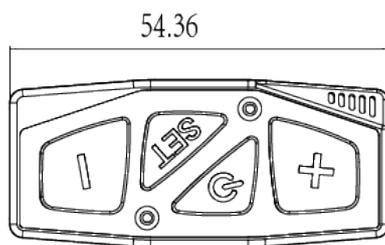
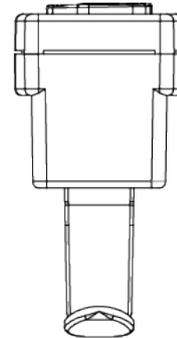
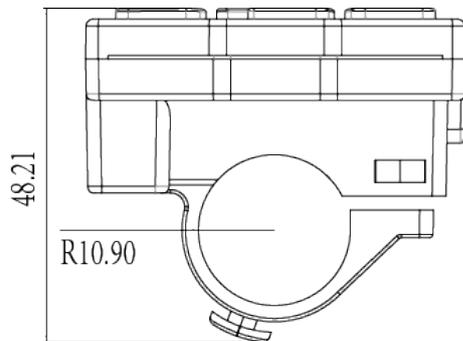
Products are made of black ABS material and the bracket is made of nylon material. Under the temperature of -20 to 60°C, the shell material can ensure normal usage and good mechanical performance of the products.

Dimension figure (unit: mm).



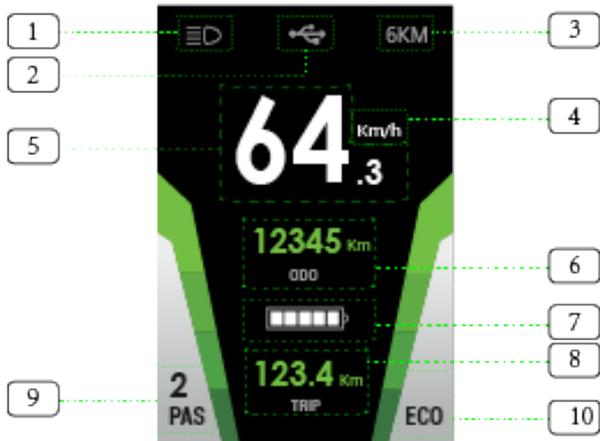
Button definition

The general button has four sub-buttons, including ON/OFF、SET、 UP and DOWN. And one USB 2.0 charging port is mounted at side of DOWN sub-button position.



Functions summary

Color LCD display provides a wide range of functions and indicators to fit the users' needs. The indicated contents are as below:



1. Front/rear light indicator:

With the power on, click ON/OFF button and turn on front & rear lights; Click again, then turn off the lights.

2. USB charging port:

Hold SET and UP buttons for a while, USB indicator shows and it starts to charge power.

3. 6KM/H walk mode:

After holding DOWN button for 2 seconds, it gets in 6KM PAS walk mode.

4. KM/H&MPH: Selecting KM/H or MPH as one of speed units, it will show the currently selected units on display.

5. Speed display:

It shows current vehicle speed during driving.

6. ODO:

The ODO records driving distance from using, the accumulated value cannot be cleared.

7. Battery electric capacity:

It displays current electric capacity of battery. The sign flickers when capacity is at very low level.

8. Trip:

Display shows driving distance after single-time use.

9. PAS:

It displays pedaling assistance levels from 0~5 Level.

10. Riding mode selection:

There are three modes for riding with SET button selection, including

POWER, NORMAL and ECO. The default setting is NORMAL.

Setup summary

Click SET button for 2 seconds and enter the general setting interface.



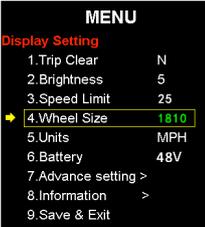
SET1: Reset one trip distance to 0.



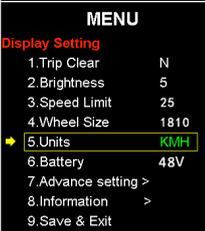
SET2: Backlight level setting



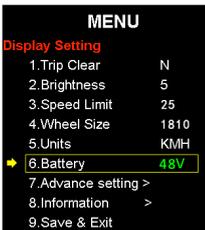
SET3: Max speed limit setting



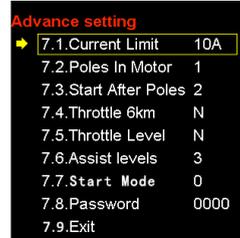
SET4: Wheel diameter setting.



SET5: KM/H&MPH switch

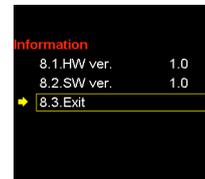


SET6: Voltage setting



SET7: Advanced settings: click SET and enter Advanced Settings

- 1: Electric current limit setting (Range:3A~18A)
- 2: Velocity measurement setting (1/6)
- 3: Starting magnetic steel number setting (2~16)
- 4: Throttle 6KM/H, Y represents turning into 6KM/H walk mode after twisting throttle; N represents starting vehicle to Max speed after twisting throttle.
- 5: Throttle assistance level, Y divided; N undivided
- 6: Assistance power levels, setting as 3、5、6、9
- 7: Password setting
- 8: Exit



SET8: They display current software and hardware version information; HW for hardware and SW for software.

SET9: Save & Exit: Click SET button to save setting information and exit

※ When display screen is not operated for 5 minutes, the system will automatically get in a dormant status.

※ Wire order meaning:

Red: Battery+

Blue: Weak lock

Black: Battery-

Green: UART-RECEIVE (RXD)

White: UART- SEND (TXD)

Common problems and solutions

Q: Why the display is not able to start up?

A: Checking the connector that between display and controller.

Q: How to deal with the error code?

A: Fix it to the maintenance place immediately. If cannot be resolved, you can go to the electric vehicle repair points repair it in a timely manner.

Error code table

The error code is corresponding with the fault definition.:

Error code	definition
2	Electric current is abnormal or MOS is in malfunction.
4	Battery voltage is too low to keep motor normally work.
5	Brake in error (Detecting brake system after display ON.)
7	Throttle in error
9	Battery voltage is too high.
10	Receipt of controller signal in error
15	Receipt of display signal in error