KING-METER

VAMOOSE electric cycle ltd.

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USERS GUIDE

K5266

Contents

Preface

Dear Users,

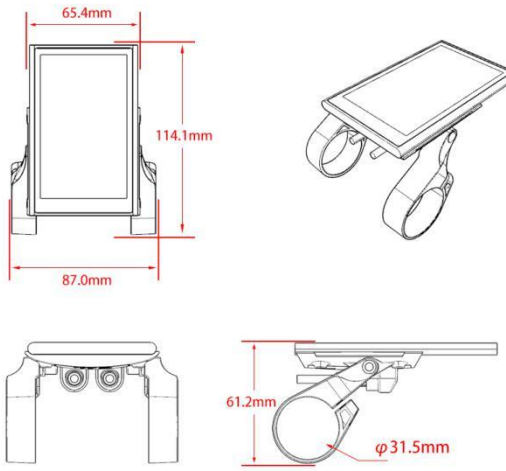
To ensure better performance of your e-bike, please read through the K5266 LCD product introduction carefully before using. We will use the most concise words to inform you of all the details (including the hardware installation, setting and normal operation use of the display) when using our display. Meanwhile, the introduction will also help you to solve the possible confusion and malfunctions.

1. Appearance and Dimension

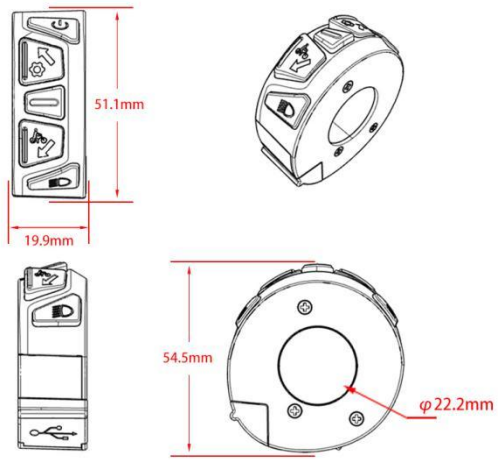
1.1 Material and Color

K5266 product shell adopts aluminum alloy material, display panel is equipped with 3.8mm hard glass. The material of the enclosure allows normal use in temperatures ranging from -20℃ to 60℃ and ensures good mechanical properties.

Dimension (unit: mm)



K5266 has a dedicated N5-U button. The shape of the button is as follows:



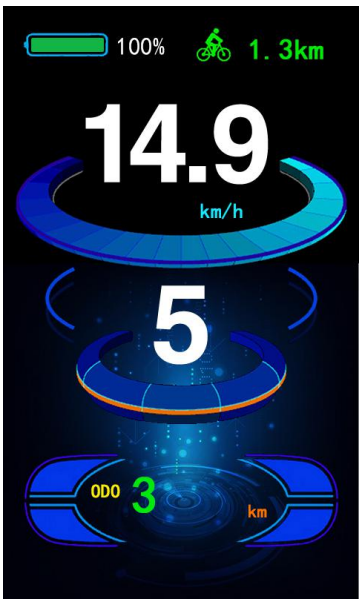
2. Function and Button Definition

2.1 Function description

K5266 provides you with a variety of function modes, to meet your riding needs.
Its functions are as follows:

- ◆Battery power indication
- ◆Speed indication
- ◆Distance indication (including TRIP distance and ODO distance)
- ◆Walk assist and headlight control
- ◆Error code indication
- ◆Various setting parameter
- ◆Charging function indication

2.2 Normal Display Area



K5266 Normal display area interface

2.3 Button Definition

The K5266 display has five buttons. In subsequent instructions, the  button is named as **POWER;**  button is named as **UP**;  button is named as **MODE**; 

button is named as **DOWN**;  button is named as **HEADLIGHT**.

3.Operation Cautions

Be careful during use, do not plug in and out the connector of display when electrified.

 Avoid collision.

 The film used by the display is waterproof film, please do not tear it off, so as not to affect the waterproof performance of the display.

 Please do not modify system parameters to avoid parameter disorder.

 Make the display repaired immediately when not working properly.

4. Installation Instruction

Fix the display on the handlebar, adjust the angel. Plug the two connectors from display and controller when off power supply.

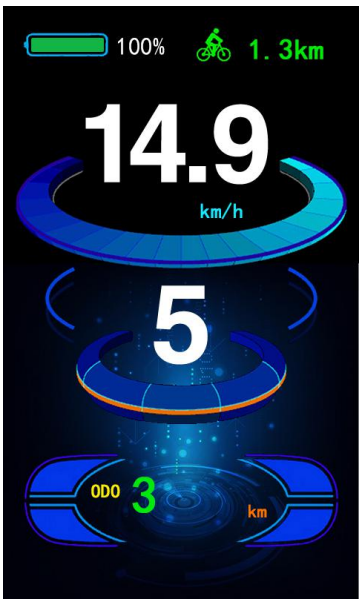
5. Common Operation

5.1 Power On/Off

Hold **POWER** button to start the display and supply power to the controller. When at working state, hold **POWER** button to shut off E-bike power. In the off state, the display no longer uses the battery's power supply; leakage current is less than 1uA.

If you do not use the E-bike for more than 10 minutes, the display will turn off automatically.

5.2 Display Interface



Display interface

After the display is turned on, it shows real time speed. The PAS level is displayed in the middle of the screen, single TRIP (unit: km) is displayed in the upper part, and ODO (unit: km) and power (unit: W) are displayed in the lower part (press **MODE** button to switch).

Real time speed

ODO distance

Trip distance

PAS level

Power (watt)

5.3 Walk Assist

Hold **DOWN** for 2 seconds to start walk assist mode. The e-bike will keep at an even speed output 6km/h. Release the button to exit walk assist mode.

Walk assist indication

The walk assist function can only be used when the user pushes the electric vehicle, please do not use it in the riding state.

5.4 PAS Level Selection

Press **UP** or **DOWN** button to adjust the PAS levels and change output power of the motor. The default level range is 1-5, and default level when the display is turned on is 1.

PAS level indication

5.5 Battery Indicator

When the battery is fully charged, the power is 100%; when the battery is 0%, it indicates that the battery is seriously undervoltage and needs to be charged immediately.

Battery indicator

5.6 Turn On Headlight

The e-bike is with headlight function, shortly press **HEADLIGHT** button, the headlight will be switched on and off.

Headlight indication

5.7 Trip Clearance

In the startup state without speed, hold **MODE + DOWN** buttons together for 2 seconds to clear the single mileage data.

5.8 USB Charging

The N5-U button of the display can provide charging power for the mobile phone with an output of 5VDC/1000mA.

When the display is off, connect the mobile phone data cable to the display. And then turn on the display, the charging mark on the display will light up, indicating that the phone is being charged. If you turn off the display at this time, the USB port will turn off the mobile charging function. In any state, unplug the phone and the charging will stop automatically.

After the display is turned on, in any state, the charging function can be used by connecting the mobile phone data cable to the display.

USB charging indication

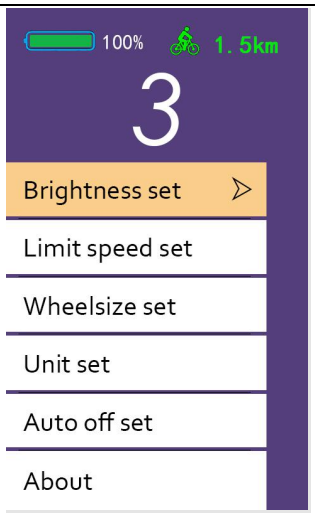
5.9 Error Code

When the vehicle's electronic control system fails, the display will automatically display an error code. For the definition of the detailed error code, see **Appendix 1**.

Error code interface

6. User Settings

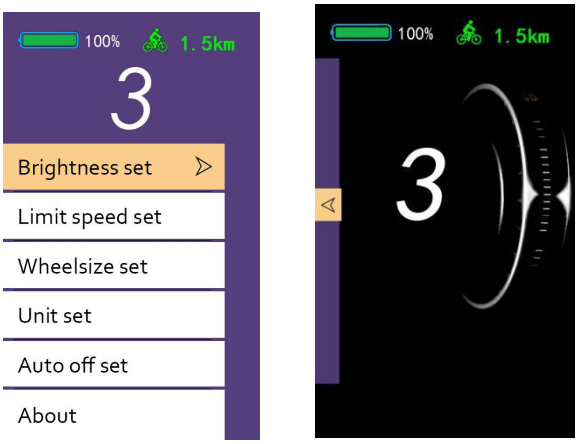
In the startup state without speed, hold **UP** button for 2 seconds, the display will enter the setting state. Press **UP** or **DOWN** button to switch setting items. Press **MODE** to confirm the adjustment parameters and enter the sub-interface. Then press or hold **MODE** again to confirm the setting information and exit the sub-interface. In the setting interface, hold **MOD**E to exit the setting state.



User setting interface

6.1 Backlight Brightness Setting

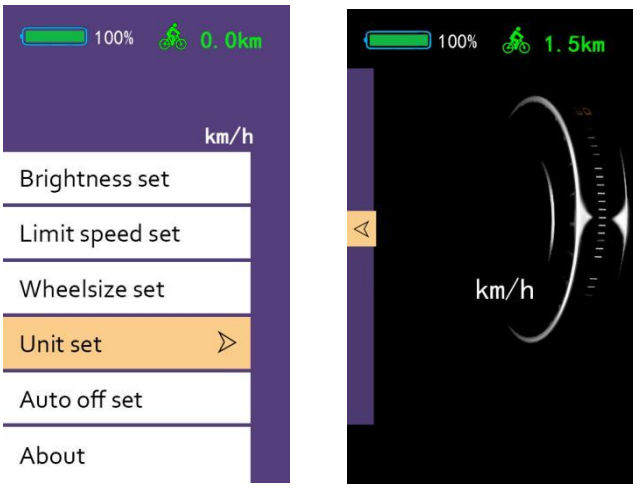
The backlight brightness is adjustable from 1 to 3 , default is 3. The parameter can be changed by **UP/DOWN** button. Press **MODE** button to confirm and exit the brightness setting state.



Backlight brightness setting interface

6.2 Display Unit (Metric/Imperial) Setting

Users can press **UP/DOWN** to select display units. It could be in km/h or mph. Mileage units km/h and mph are also changed with the speed display. Press **MODE** to confirm and exit the unit setting state.

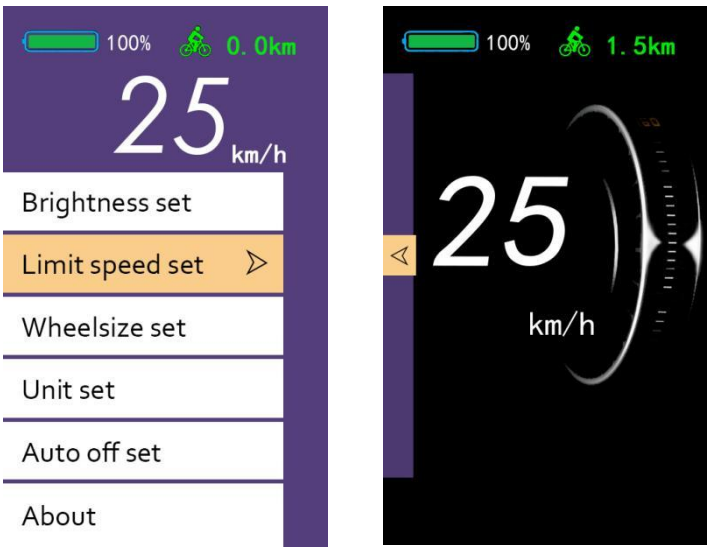


Unit setting interface

6.3 Speed Limit Setting

The default maximum riding speed is 25Km/h. Change this value to set the maximum riding speed of the e-bike. When the e-bike exceeds the set value, the controller will stop supplying power to the motor to protect the rider's safety.

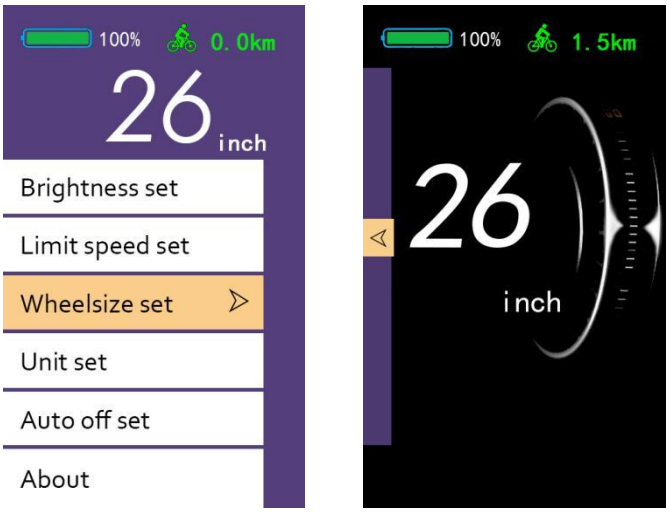
The maximum speed setting can be selected from 12Km/h to 40Km/h. It can be set by **UP/DOWN** button. After the modification is completed, hold **MODE** button to save the confirmation and exit the setting.



Speed setting interface

6.4 Wheel Size Setting

Available values are: 16 inch, 18 inch, 20 inch, 22 inch, 24 inch, 26 inch, 700C, 28 inch. Use **UP/DOWN** button to select the wheel size corresponding to the e-bike to ensure the accuracy of the speed display and mileage display. The factory default wheel size value is 26inch. Press **MODE** button to confirm and exit the speed limit setting interface.

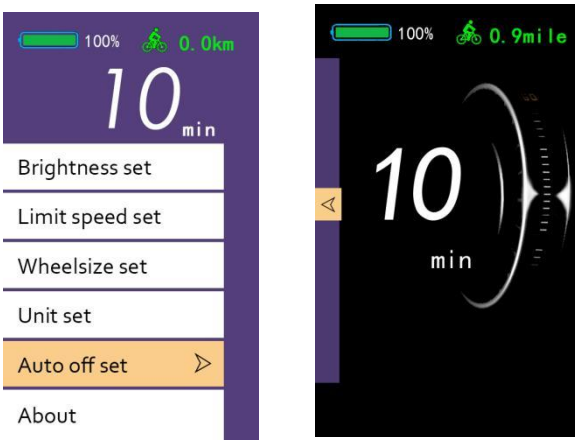


Wheel size setting interface

6.5 Auto Power off Time Setting

The automatic power off time of display is 10 minutes by default and adjustable from 5 to 60 minutes.

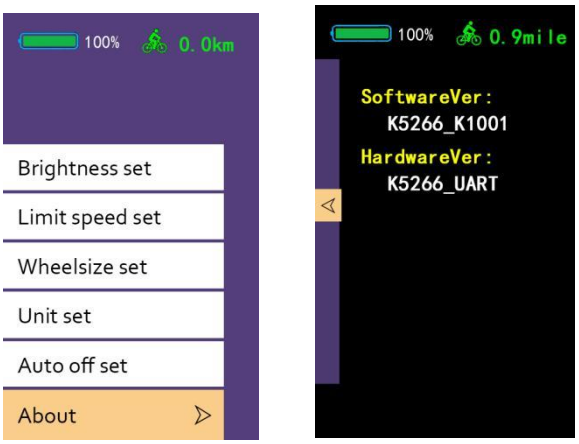
Use **UP/DOWN** button to change the auto power off time. Press **MODE** button to confirm and exit the setting.



Auto power off time setting interface

6.6 Version Information

Press **MODE** button to enter the version interface, and press **MODE** to exit.



Version information interface

6.7 Exit Setting

When the setting item is selected, hold **MODE** button to save and exit the setting state, or if no operation is performed within one minute, the display will automatically exit the setting state.

7. FAQ Answers

Q: Why the display can't be turned on?
A: Check if the battery power is turned on, the outer leakage cable is broken or not.

Q: What should I do if the display shows error code?
A: Timely repair at the e-bike repair shop.

8. Quality Warranty and Coverage

I. Warranty:

1. In the case of normal use, due to the quality problems caused by the product itself, the company will be responsible for the warranty during the warranty period.

2. The warranty: 24 months since the display out of the factory.

II. The following conditions are not covered by the warranty:

1. The casing is opened
2. Connector is broken
3. The display leaves the factory, the casing is scratched or the casing is damaged.
4. Scratch or break of the display lead wire
5. Failure or damage caused by force majeure (such as fire, earthquake, etc.) or natural disasters (such as lightning strikes)
6. Product is out of warranty.

9.Version

This user manual is for a general-purpose software (version V1.0). Some version of the e-bike LCD may have slightly difference, which should depend on the actual use version.

Appendix 1: Error Code Definition

Error Code	Definition
21	Current Abnormal
22	Throttle Abnormal
23	Motor phase problem
24	Motor Hall Signal Abnormal
25	Brake Abnormal
30	Communication Abnormal

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