

USERS GUIDE

K5348



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Preface

Dear user, to ensure better performance of your e-bike, please read through the K5348 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 possible confusion and barriers.

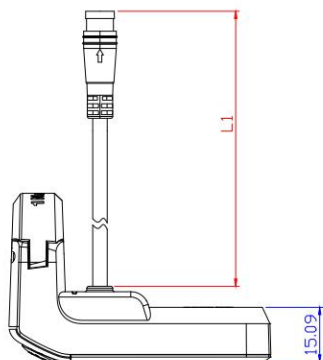
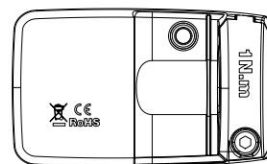
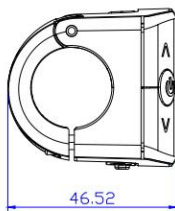
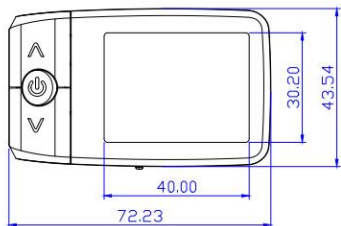
1. Appearance and Dimensions

1.1 Material and Color

K5348 products are made of black PC. Under the temperature of -40 to 80°C, the shell material can ensure normal usage and good mechanical performance.

Dimension (unit: mm)

实物图及尺寸图 (单位: mm)



2. Function and Button Definition

2.1 Function description

K5274(Bett) provides you with a variety of function modes, to meet your riding needs.

Its functions are as follows:

- ◆ Battery power indication
- ◆ Speed indication
- ◆ Distance (including single trip distance and ODO display)
- ◆ PAS Level indication
- ◆ Head Light switch
- ◆ Walk assist indication
- ◆ Backlight setting
- ◆ Error code indication,
- ◆ Various setting parameters

2.2 Normal Display Content



K5348 正常显示界面

2.3 Button definition

In the following introduction



is named as “MODE”,



is named as “UP” and



is

named as “DOWN”.

3. Note for Users

Be care of the safety use. Don't attempt to release the connector when battery is on power.



Try to avoid hitting.



Don't split the waterproof sticker to avoid affecting the waterproof performance.



Don't modify system parameters to avoid parameters disorder.



Make the display repaired when error code appears.

4. Installation Instruction

When the e-bike is powered off, you can insert the connector of display and the corresponding connector of controller to complete the installation, and adjust the display to a suitable angle.

5. User Operation

5.1 On / Off

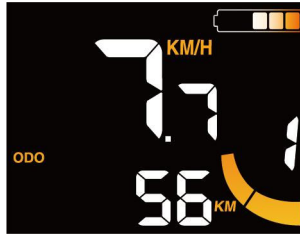
Long press "MODE" button then the display will work normally, and the controller will power on at the same time.

With the display on, long press "MODE" button, the display will shut down, the display will leave off battery, the leakage current of display on is less than 1 μ A.



If the e-bike is not used for more than 10 minutes, the display will automatically shut down.

5.2 User interface

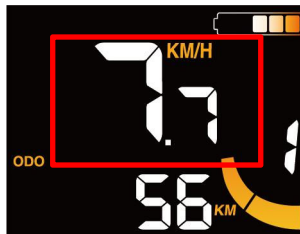


Normal Interface

5.3 Speed/Single Trip/ODO

5.3.1 Speed

After turning on, the display defaults to indicate real-time speed.



Real Time Speed

5.3.2 Single Trip/ODO

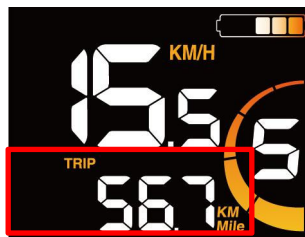
Short press 【MODE】 to switch the indicated information.

Indicated in order:

ODO (Unit: KM) → Trip (Unit: KM/H) → Trip Time → ODO



ODO



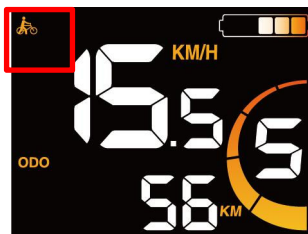
TRIP



TRIP TIME

5.4 Walk Assist

After pressing **【DOWN】** >2s, the e-bike enters the mode of power walk assist state. The e-bike will go on at a uniform speed of 6 Km/h.



6km/h Walk Assist Interface

5.5 Turn on/off the Headlight

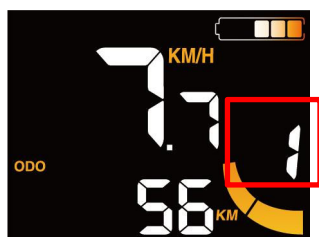
Long pressing **【UP】** >2s, the backlight is turned on, and turn on the headlight of controller. When the external light is insufficient, the LCD backlight can be turned on. Press **【UP】** again >2s, the LCD backlight will be turned off.



Headlight Interface

5.6 PAS Level setting

Short press **【UP】** or **【DOWN】** to switch the PAS level and change the motor output power. Default output power of the display: 1-5,



5.7 Battery indication

When the battery voltage is high, the five-segment LCD is on. When the battery is undervoltage, the right grid of the battery flashes, indicating that the battery is seriously undervoltage and needs to be charged immediately.

5.7 Single Trip Clearance

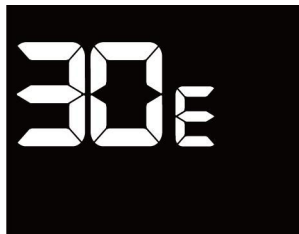
In the TRIP interface and no speed state, press and hold the **【MODE】** and **【DOWN】** buttons at the same time for 2 seconds, the display will clear the single trip to zero.

5.8 Error Code

When the e-bike electronic control system fails, the display will automatically indicate the error code. For the definition of detailed error codes, see appendix 1.



The fault can only be exited when the fault is eliminated, and the e-bike cannot continue to drive after a fault occurs.



Error Code

6. User Settings

6.1 Preparation before starting

Ensure that the connectors are firmly connected and turn on the power of the e-bike.

6.2 General setting

Long press **【MODE】** to turn on. When the display is turned on, press **【UP】** and **【DOWN】** at the same time for 2s, interface will enter the general setting.

6.2.1 Wheel Size Setting

ST1 stands for wheel size., to ensure the accuracy of the display speed and the trip distance. Due to customer requirements, Short press **【MODE】** to confirm and enter the speed limit setting interface.



Wheel size Setting Interface

6.2.2 Speed Limit Setting

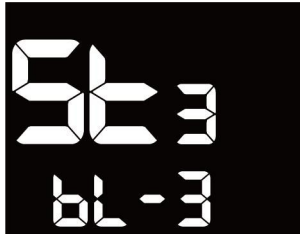
ST2 stands for speed limit. The default maximum riding speed of the display is 25Km/h. Changing this value can set the maximum riding speed of the e-bike. When the e-bike exceeds the set value, the controller will stop the power supply to the motor to protect the safe driving of the rider. Due to customer requirements, this display program default speed limit is 25KM/H, Set by pressing . Short press **【MODE】** to confirm and enter the backlight setting interface.



Speed Limit Setting Interface

6.2.3 Backlight Setting

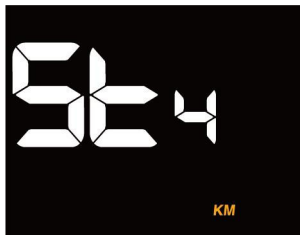
ST3 stands for backlight brightness. Setting option levels are 1, 2 and 3, level 1 is the lowest brightness. Level 2 is the standard brightness. Level 3 is highest brightness. Press **【UP】** / **【DOWN】** button to modify the backlight brightness.



Back Light Setting Interface

6.2.4 Unit Setting

ST4 stands for Unit Setting, The setting parameters are Km/h and Mile/h. The default Km/h unit is metric. Km/h or Mile/h can be selected by pressing **【UP】** / **【DOWN】** button. Km/h means the unit is metric system, and Mile/h means the unit is Imperial system. Long press **【MODE】** button to confirm and switch to next setting option.



Unit Setting Interface

6.2.5 Exit Settings

In the setting state, short press MODE button to confirm the input and enter the next setting; long press MODE button to save and exit the setting menu.

7. FAQ

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

A: Check the connector between display and controller.

Q: How to deal with the error code?

A: Fix it to the maintenance place immediately.

8. Warranty

1 Warranty information

1.1. For any faults caused by product oneself quality problems during normal use, we will be responsible for limited warranty within the warranty period.

1.2. The warranty period is 24 months as delivery.

2 The following case was not at the scope of warranty

2.1. The housing is opened.

2.2. The connector is damaged.

2.3. The housing is scratched or damaged as delivery.

2.4. The cable is scratched or breakage.

2.5. Any failure or damage caused by force major (such as fires, earthquakes, etc.) or natural disasters (such as thunder etc.)

2.6. Expired warranty

9. Version

This Users Guide is prepared for general-purpose software (V1.0) of Tianjin King-Meter Electronic Co., Ltd. The version of software used on some bikes may be slightly different, which should depend on the actual version in use.

Attached Table 1: Error code table

Error Code	Definition
21	Current abnormal
22	Throttle abnormal
23	Motor phase
24	Signal of motor hall abnormal
25	Brake abnormal
30	Communication abnormal
31	Switch button sticky
34	Walk assist function button sticky

KING-METER