

# **USERS GUIDE**

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## **T319 LED**



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## **Preface**

Dear Users,

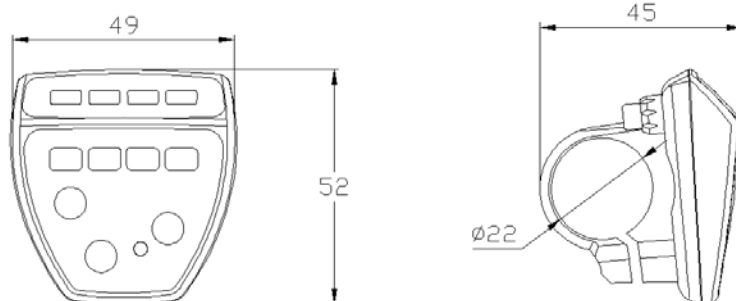
To ensure better performance of your e-bike, please read through the T319 LED product introduction carefully before using it. We will use the brief words to inform you of all the details (including hardware installation, setting and normal use of the display) when using our display. Meanwhile, the introduction will also help you solve possible confusion and barriers.

## 1. Appearance and Size

### 1.1 Material and Color

T319 LED product is made of Black and White plastic (PC) materials, the working temperature scope of the housing material is  $-20^{\circ}\text{C}$ — $+60^{\circ}\text{C}$ , the shell material can ensure normal use and good mechanical performance of the products.

Display Dimensions (Unit: mm)



## 2. Function Summary and Button Definition

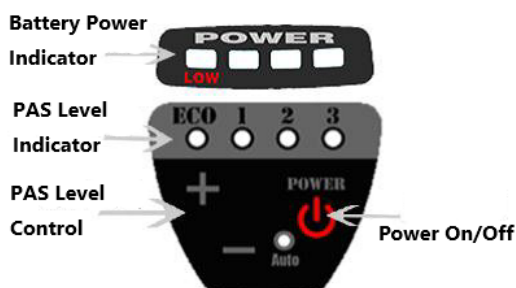
### 2.1 Function Summary





T319 provides a variety of functions and displays to meet customer's riding needs.

Display content list as follow:

- ◆ Battery indicator
- ◆ PAS level
- ◆ Walk assist
- ◆ Headlight on / off
- ◆ Error Code

## 2.2 Button Definition



There are 3 buttons on the T319 display, including Power button,  button and  button. In the following introduction, Power button is named as “**SWITCH**”,  is named as “**UP**”,  is named as “**DOWN**”.

T319 display can automatically control the brightness of the display lamp according to the light intensity of the external environment.

## 3. Note for Users

Pay attention to safety during use, and do not plug or unplug the meter when it is powered on.



Avoid striking or knocking the display.



Do not remove the waterproof film attached to the display as this may impair its waterproofing.



Do not modify system parameters to avoid parameters disorder.



In case of errors or malfunctions, the display should be returned to your local supplier for repairs/replacements.

## 4. Installation Instruction

Fix the display onto the handlebar and adjust to an appropriate visual angle when power off the E-bike, plug the connector of the display with the connector corresponding to the controller to complete the installation.

## 5. Operating Instructions

### 5.1 Power on/off

Shortly press “**SWITCH**” button then the display will power on, and the display will provide power to the controller. In power on state, press “**SWITCH**” button to turn off the power supply of the e-bike. In power off state, the display no longer use the battery power. The leakage current is less than 1 uA.



If the E-bike has not been used for 10 minutes, the display will turn off automatically.

### 5.2 Walk Assist

Hold “**DOWN**” button for 2 seconds to enter the mode of walk assist. The e-bike will go on at speed of 6 Km/h, the PAS level lights will not turn on.



The walk assist mode can only be used when the user is pushing the E-bike. Do not use it when riding.

### 5.3 Turn On/Off the Headlight

Hold “**UP**” button to inform the controller to turn on the headlight. Hold the “**UP**” button again to turn off the headlight.

### 5.4 PAS Level Setting

Shortly press “**UP**” or “**DOWN**” button to switch the PAS level, the motor output power will be changed accordingly by the PAS level of E-bike. The output power of the motor are 0-3 levels. The level 0 is the no output level, the level 1 is the

lowest output level, and the level 3 is the highest output power level of the motor. The default start up level is level 1.

## 5.5 Battery Indicator

When the battery is in high voltage, the four led battery power light are all light up, when the battery is in low voltage, the last battery power light will flash to notice that the battery needs to be recharged immediately.

## 6. Error Code

When the E-bike electronic control system fails, the display will automatically flash the LED lights to indicate the error code. Please see Appendix 1 for the definition of the detailed error code.



Only after the fault is eliminated, the error code interface can be cleared, the E-bike will not be able to ride when error code occurs.

## 7. FAQ

Q: Why can't turn on the display?

A: Please check whether the battery is turned on or the leakage lead wire is broken.

Q: How to deal with the error code display?

A: Contact the e-bike maintenance station in time.

## 8. Quality Assurance and Warranty Scope

I, Warranty Information:

1, King-Meter will be responsible for all faults arising during normal operation that are caused by a quality defect.

2, The warranty time is 18 months from the day the display leaves the factory.

II, The following are not covered by warranty:

- 1, Shell opened.
- 2, Connector damaged.
- 3, After display out of factory, the shell is scratched or damaged.
- 4, Lead wire of display scratch or break.
- 5, The fault or damage is caused by the force majeure (such as fire, earthquake, etc.) or natural disasters (such as lightning, flooding, etc.)
- 6, Product exceeded warranty period.

## **9. Software Version**

The instruction manual of this display is the operation manual of the general software version (version 1.0) of King-Meter Technology Co., Ltd. The version of the display software used on some vehicles may be slightly different from this manual, and the actual version used shall prevail.



## **Appendix 1: Error code definition**

Error Code Display	Definition
PAS level light 1 flash	Current Abnormal
PAS level light 2 flash	Throttle Abnormal
PAS level lights 1 & 2 flash	Motor phase problem
PAS level light 3 flash	Motor Hall signal defect
PAS level lights 1 & 3 flash	Brake Abnormal
PAS level lights all flash	Abnormal Communication
Battery power lights & PAS level lights all flash	SWITCH button sticky
Battery power lights all flash	6km function button sticky
All Battery power lights & PAS level lights flash alternately	Register error

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