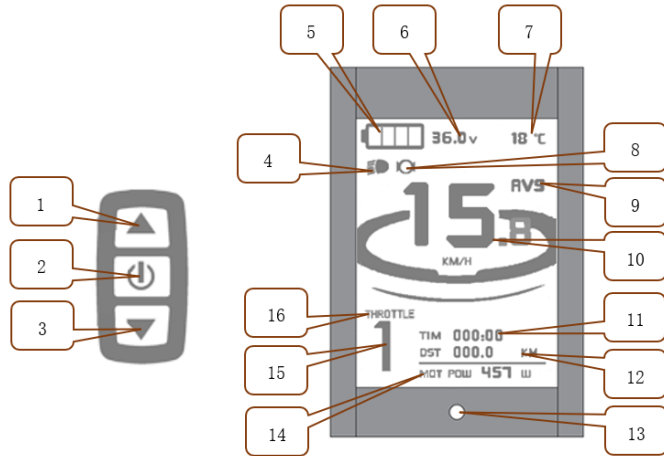


# KT-LCD12 E-Bike Display User Manual v1.0

Dear customer, please read this manual before you use KT-LCD12 Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays.

## 1.Functions and Display

Instruments using the structure form of instrument body portion and the operation buttons are designed separately.



1		UP Button	10	<b>Km/H</b>	Riding speed(metric)
2		SW Button	11	<b>TIM</b>	Single trip time
3		DOWN Button		<b>TTM</b>	Total trip time
4		Backlight and headlights	12	<b>DST</b>	Trip distance
5		Battery capacity indicator		<b>ODO</b>	Total distance
6	<b>VOL</b>	Battery voltage	13		Photosensitive
7	°C	Environment temperature	14	<b>MOT</b>	Power display
	°F	Environment fahrenheit		15	<b>ASSIST</b>
8		The brake display			
9	<b>AVS</b>	Average speed	16	<b>THROTTLE</b>	Throttle display
	<b>MXS</b>	MAX speed			

## 2.Operation

### 1. ON/OFF

Hold button long to turn on the power, and hold long for a second time to turn off the power. When the motor stops driving and when the e-bike is not used for a consecutive 5 minutes, it will automatically shut down and turn off the motor power supply.

### 2. Display 1

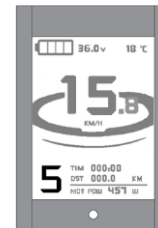


Hold button to start up and enter display 1.



#### 2.1 Automatically turn on backlights and headlights

The lights can be turned on manually or automatically. When the display is turned on, the automatic headlight function is turned on. (Note: The lights can be automatically switched on and off according to the ambient light. Once the user hold button switch the lights on and off manually, automatic headlight function failed, after restarting the display, hold button to appear , automatic headlight function on.



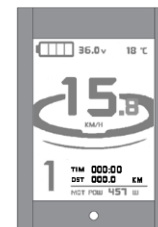
#### 2.2 Assist ratio gear (ASSIST) switch

Press or to switch 0-5 file gear. Gear 1 is for the minimum power, gear 5 is for the highest power. Each startup will automatically restore the gear shutdown last time (the user can set randomly). Gear 0 is without booster function.



#### 2.3 6Km/H assist promotion function

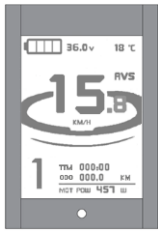
Hold and flashes, the vehicle drives at the speed not more than 6Km/h. Release button, the function is invalid.



#### 2.4 Display and delete of single data

After power on for 5 seconds, hold and at the same time, single trip riding time (TIM)and single trip distance (DST) flash, hold button shortly, the content of both is cleared. If failed holding the button within 5 seconds, it will automatically return the display interface after 5 seconds, original content is preserved.

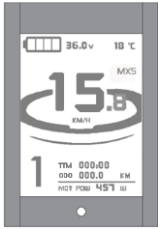
### 3. Display 2



Hold button shortly in display 1 to enter display 2.

In the riding mode within 5 seconds, display 2 automatically returns to display 1

### 4. Display 3



Hold button shortly in display 2 to enter display 3.

In the riding condition, 5 seconds later, a single maximum speed (MXS) display automatically returns to the real riding speed (Km/H).

5. In display 3, hold button shortly (SW), and the display will re-enter display 1.

6. Hold button to turn off the display and the power supply of controller.

7. Automatically prompt interface

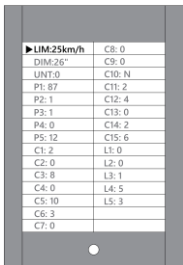
#### 7.1 Error Code Display

1. Motor position sensor fault!
2. THROTTLE fault!
3. Motor or controller short circuit fault!

Electronic control system failure will display (flashing) fault code. Once the fault was removed, it automatically exits from the fault code display interface.

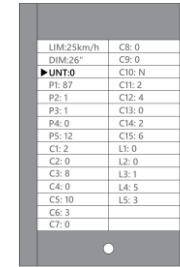
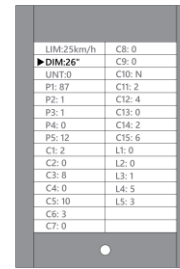
7.2 Motor temperature alarm When the motor temperature (the internal motor should be equipped with the temperature sensor and the output of temperature detection signal) is over the warning value, MOTOR °C (°F) flashes to alarm at any display, meanwhile the motor controller will offer the appropriate protection to motor(customized function).

## 3.General Project Setting



### 1. Set maximum riding speed

Within power on 5 seconds, hold and at the same time to enter maximum riding speed Km/H and MXS setting, press maximum riding speed flashing, then press or to set the maximum riding speed (default 25Km/H). Press button to save the setting, and press to the next parameter settings.



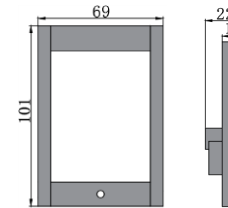
Code	Speed	Mileage	Ambient temperature
0	Km/H	Km	°C (Centigrade temperature)
1	MPH	Mil	°C (Centigrade temperature)
2	Km/H	Km	°F (Fahrenheit)
3	MPH	Mil	°F (Fahrenheit)

### 4 Exit from routine project setting

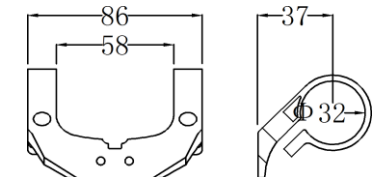
All three routine project settings can exit from the setting environment and return to the display by holding button long after each setting is completed, meanwhile the setting values are saved. Under each setting interface, if the button failed holding for more than 1 minute, it will automatically return to display 1, and the setting value is invalid.

## 4.Outline Drawings and Dimensions

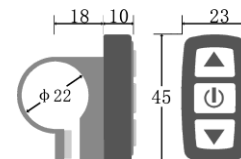
### 1. Dimensions of main instrument body



### 2. Mounting dimensions of double brackets



### 3. Dimensions of button box



### 4. Wiring diagram

