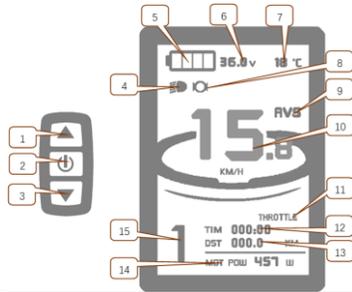


# KT-LCD8S P E-Bike Display User Manual

Dear customer, please read this manual before you use KT-LCD8S Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays.

## Functions and Display

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



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

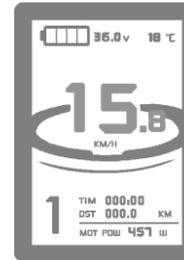
## 1. Operation

### 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 .



#### 2.1 Turn on backlight and headlights

Hold long to turn on backlight and headlights (the controller should have headlight drive output function); hold long again to turn off the backlight and headlights.



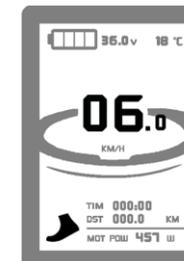
#### 2.2 Assist ratio gear (ASSIST) switch

Press or to switch 1-5 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

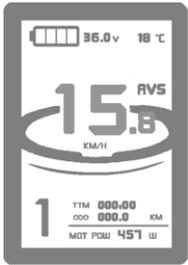
Hold and flashes, the vehicle drives at the speed not more than 6Km /h. Release button, the function is invalid.



#### 2.4 Display and delete of single data

After power on for 5 seconds, hold and at the same time, single trip riding time (TM) 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 after 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, five 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

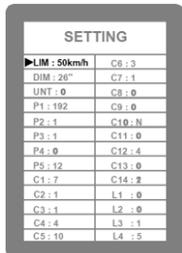
#### 7.1 Error Code Display

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.

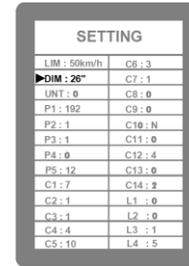
7.2 Motor temperature alarm When the motor temperature (the internal motor should be equipped with the temperature sensor and the output of temperature detection signal) is over the warning value, MOTOR °C (°F) flashes to alarm at any display, meanwhile the motor controller will offer the appropriate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

## 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.



### 2. Wheel diameter setting

The wheel diameter will be set after finishing setting the maximum riding speed, press wheel diameter specifications flashes. Press or to set the specifications of wheel diameter. Select the range 6,8,10,12,14,16,18,20,22,24,26,700c,28 and 29 inches. Press button to save and press to go to the next parameter settings.

### 3. Set the metric units

The metric units will be set after finishing setting wheel diameter, press UNT flash. Press or to select the three metric units of speed, mileage, and ambient temperature in synchronization.

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. Press UNT stop flash after metric unit setting is completed. Hold button long to exit from setting environment of routine projects and save the setting values, returning to display

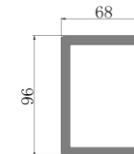
### 5. Exit from routine project setting

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.

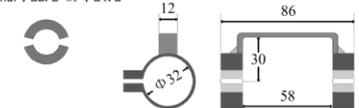
## Outline Drawings and Dimensions

### 1. Dimensions of main instrument body

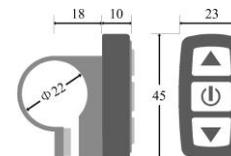


### 2. Mounting dimensions of double brackets

the encircled rubber fielded panel is optional  $\phi 22.2$  or  $\phi 24.2$



### 3. Dimensions of button box



### 4. Wiring diagram

