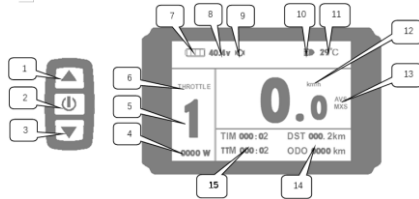


# KT-LCD8H E-Bike Display User Manual

Dear customer, please read this manual before you use KT-LCD8H 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.

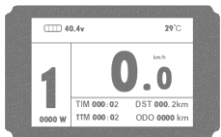


1		UP Button	10		Backlight and headlights
2		SW Button	11		Environment temperature
3		DOWN Button			Environment fahrenheit
4		Power display	12		Riding speed(metric)
5		Pas level	13		Average speed
		6Km/H push power assist			MAX speed
6		Run sign	14		Trip distance
7		Battery capacity indicator			Total distance
8		Battery voltage	15		Single trip time
9		The brake display			Total trip time

## 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.

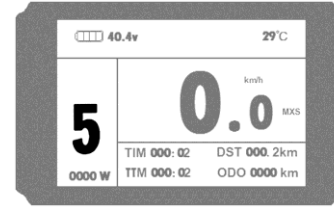
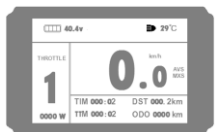


### 2. Display 1

Hold button to start up and enter display 1.

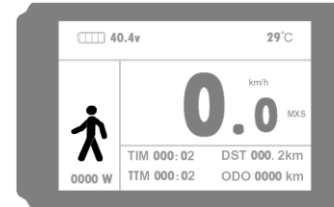
### 2.1 Turn on backlight and headlights

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.



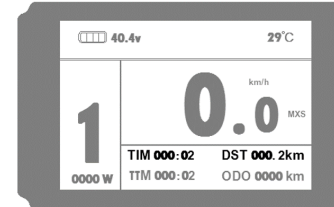
### 2.2 Assist ratio gear (ASSIST) switch

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.



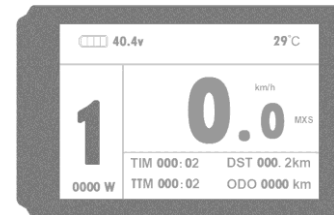
### 2.3 6Km/H assist promotion function

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

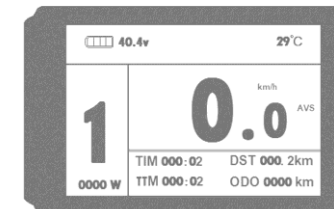
After power on for 5 seconds, hold and at the same time, single trip riding time (TM) and single trip distance (DST) flash, hold button shortly, the content of both is cleared. If failed holding the button within 5 seconds, it will automatically return the display interface after 5 seconds, original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



### 3. Display 2

Press button in display 1 to enter display 2.

In the riding mode after 5 seconds, display 2 automatically returns to display 1, and the original motor power (MOTOR W) display is replaced with motor operating temperature display (MOTOR °C) display (the internal motor should be equipped with the temperature sensor and the output of temperature detection signal).




### 4. Display 3

Press button 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






▶LIM : 72km/h	C3: 8	C13: 0
DIM : 26"	C4: 0	C14: 2
UNT: 0	C5: 10	L1: 0
P1: 192	C6: 3	L2: 0
P2: 1	C7: 0	L3: 1
P3: 1	C8: 0	
P4: 0	C9: 0	
P5: 12	C10: N	
C1: 4	C11: 0	
C2: 1	C12: 4	

1. Set maximum riding speed

Within 5 seconds after power on, hold  and  at the same time to enter General Setting interface, the first is maximum speed setting, press  button maximum riding speed flash, press  or  to set the maximum riding speed (default 25Km/H). Press  button Maximum riding speed stop flashing, then press  to enter the next parameter settings.




LIM : 72km/h	C3: 8	C13: 0
▶DIM : 26"	C4: 0	C14: 2
UNT: 0	C5: 10	L1: 0
P1: 192	C6: 3	L2: 0
P2: 1	C7: 0	L3: 1
P3: 1	C8: 0	
P4: 0	C9: 0	
P5: 12	C10: N	
C1: 4	C11: 0	
C2: 1	C12: 4	

2. Wheel diameter setting


Set wheel diameter after Maximum speed setting is finished, press  button wheel diameter 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,28and 29 inches. Press  button wheel diameter stop flashing, then press  to go to the next parameter settings.

LIM : 72km/h	C3: 8	C13: 0
DIM : 26"	C4: 0	C14: 2
▶UNT: 0	C5: 10	L1: 0
P1: 192	C6: 3	L2: 0
P2: 1	C7: 0	L3: 1
P3: 1	C8: 0	L4: 5
P4: 0	C9: 0	
P5: 12	C10: N	
C1: 4	C11: 0	
C2: 1	C12: 4	


3. Set the metric units

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

Code	Speed	Mileage	temperature
0	Km/h	KM	°C
1	MPH	Mil	°C
2	Km/h	KM	°F
3	MPH	Mil	°F

4. UNT stop flash after metric unit setting is completed. Holding  button again to exit from setting environment of routine projects and save the setting values, returning to display 1.

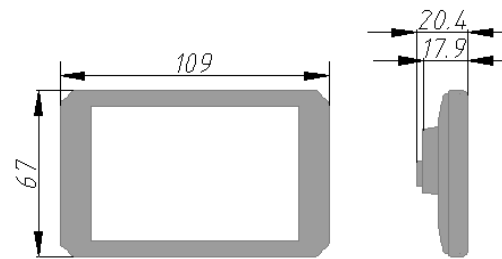
5. Exit from routine project setting

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.

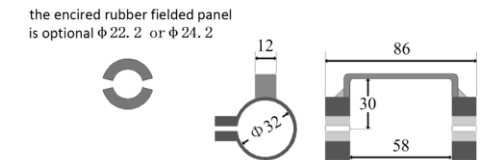
Under each setting interface, if the button failed holding for more than 1 minute, it will automatically return to display 1, and the setting value is invalid.

## Outline Drawings and Dimensions

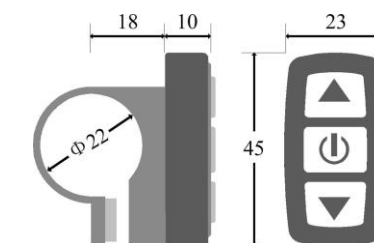
1. Dimensions of main instrument body



2. Mounting dimensions of double brackets



3. Dimensions of button box



4. Wiring diagram

