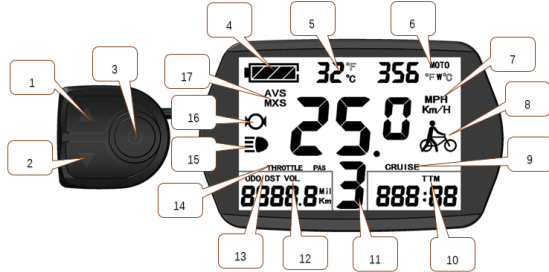


# KT-LCD10YN E-Bike Display User Manual V2.0

Dear customer, please read this manual before you use KT-LCD10YN 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		TTM	Total trip time
2		DOWN Button	11	PAS	Pas level
3		SW Button	12	VOL	Battery voltage
4		Battery capacity indicator	13	DST	Total distance
5	°C	Environment temperature	13	ODO	Trip distance
	°F	Environment fahrenheit	14	THROTTLE	Throttle display
6	MOTO °C/°F	Power temperature	15		Backlight and headlights
7	Km/H	Riding speed(metric)	16		The brake display
	MPH	Riding speed (imperial)	17	AVS	Average speed
8		6Km/H push power assist		MXS	MAX speed
9	CRUISE	Cruise display			
10	TM	Single trip time			

## Operation

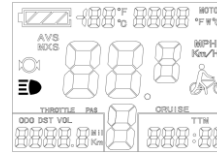
### 1. ON/OFF

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. Display1



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 (PAS) switch

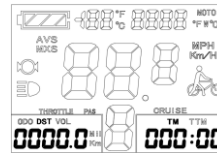
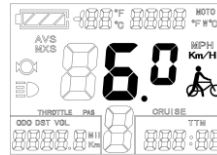
Press or to switch 0-5 file gear. Gear 1 is for the minimum power, gear 5 is for the highest power. Each startup will automatically restore the gear shutdown last time (the user can set randomly). Gear 0 is without booster function.

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

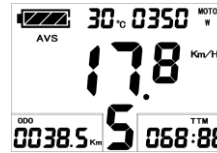
Hold and flashes, the vehicle drives at the speed not more than 6Km/h. Release button, the function is invalid.

#### 2.4 Display and delete of single data

After power on for 5 seconds, hold and at the same time, single trip riding time (TM) and single trip distance (DST) flash, press 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. Display2



Press button shortly in display 1 to enter display 2.



In the riding mode within 5 seconds, display 2 automatically returns to display 1, and the original motor power (MOTOR W) display the output of temperature detection signal).

### 4. Display 3



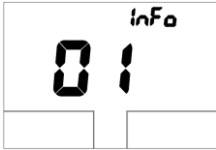
Press button shortly in display 2 to enter display 3.

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

- In display 3, press  button shortly and the display will re-enter display 1.
- Hold  button to turn off the display and the power supply of controller.
- Automatically prompt interface

7.1 Error Code Display      Error Code      Definition

01__info	Throttle Abnormality
03__info	Motor hall signal Abnormality
04__info	Torque sensor signal Abnormality
05__info	Axis speed sensor Abnormality(only applied to torque sensor)
06__info	Motor or controller has short circuit Abnormality










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

- 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





- 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  button 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.




- Wheel diameter setting






The wheel diameter will be set after finishing setting the maximum riding speed, press  button wheel diameter specifications flashes. Press  or  to set the specifications of wheel diameter. Select the range 5,6,8,10,12,14,16,18,20,23,24,26,27.5,700c,28 and 29 inches. Press  button to save to go to the next parameter settings.

- Set the metric units



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

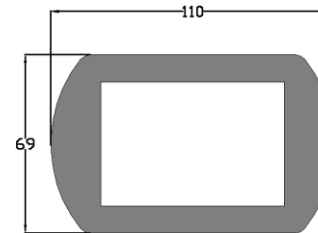
Code	Speed	Mileage	Ambient temperature
0	Km/H	Km	°C (Centigrade temperature)
1	MPH	Mil	°C (Centigrade temperature)
2	Km/H	Km	°F (Fahrenheit)
3	MPH	Mil	°F (Fahrenheit)

- Press  button KM/H and KM 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
- 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.

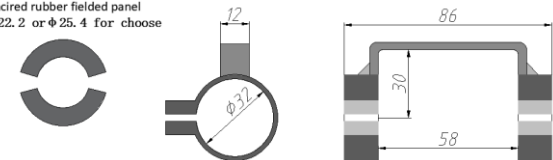
### Outline Drawings and Dimensions

- Dimensions of main instrument body



- Mounting dimensions of double brackets

the encircled rubber fielded panel has  $\phi 22.2$  or  $\phi 25.4$  for choose



- Wiring diagram

