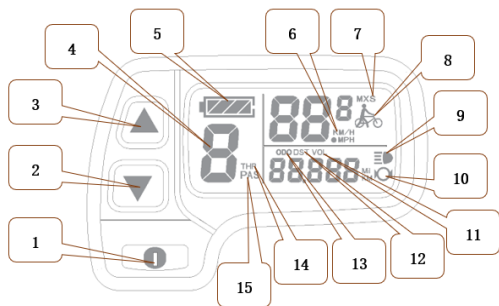# KT-LCD11 e-Bike Display User Manual V1.1

Dear customer, please read this manual before you use KT-LCD11 Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays.

Functions and Display

1	⏻	SW Button	8	🚲	6Km/H push power assist
2	▼	DOWN Button	9	≡▷	Backlight
3	▲	UP Button	10	⫩◯⫨	The brake display
4	ASSIST	Pas(Throttle)level	11	VOL	Battery voltage
4	CRU	Cruise	12	DST	Trip distance
5	🔋	Battery capacity indicator	13	ODO	Total distance
6	KM/H	Riding speed(metric)	14	THR	Throttle signal
7	MXS	MAX speed	15	PAS	Pas signal

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

Hold ▲ or ▼ shortly 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

er 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

4. Display 3
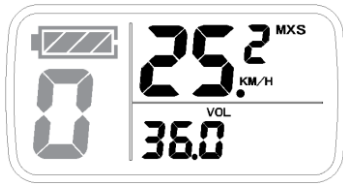
Hold ⏻ button shortly in display 2 to enter display 3.

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

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

5. Automatically prompt interface

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
06__info	Motor or controller has short circuit Abnormality
	roller has short circuit Abnormality

Once the fault was removed, it automatically exits from the fault code display interface.

General Project Setting

1. Set maximum riding speed
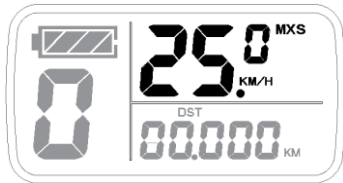
After power on for 5 seconds, hold ▲ and ▼ at the same time, maximum riding speed Km/H and MXS flash, hold ▲ or ▼ shortly to set the maximum riding speed (default 25Km/H). Hold ⏻ button shortly and go to the next parameter settings
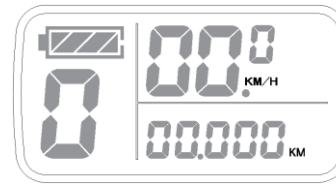
2. Wheel diameter setting

The wheel diameter will be set after finishing setting the maximum riding speed, wheel diameter specifications flashes. Hold ▲ or ▼ shortly to set the specifications of wheel diameter. Select the range 6,8,10,12,14,16,18,20,23,24,26,27.5,700c ,28and 29 inches.

Hold ⏻ button shortly and go to the next parameter settings

3. Set the metric units

The metric units will be set after finishing setting wheel diameter, Km/H and Km flash. Hold ▲ or ▼ shortly and select the three metric units of speed, mileage, and ambient temperature in synchronization。

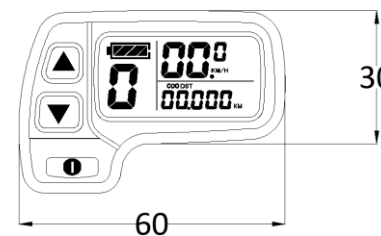| Display	Metric	Imperial
Riding speed	Km/H	MPH
Total distance	Km	Mil

4. Km/H and Km stop flash after metric unit setting is completed. Hold ⏻ button shortly again to re-enter the maximum riding speed setting interface; or hold ⏻ button long 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 if hold ⏻ 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. Wiring diagram

30

60

VB+   Red
Control   Blue
GND   Black
Data1   Green
Data2   Yellow