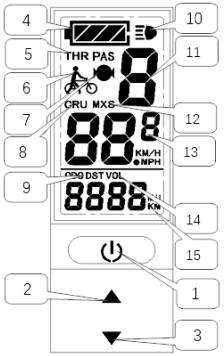
KT-LCD4 E-Bike Display User Manual

Dear customer, please read this manual before you use KT-LCD4 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



1		SW Button	9	**DST**	Single Trip distance
2		UP Button		**ODO**	Total distance
3		DOWN Button	10		Backlight and headlights
4		Battery volume indicator	11	**PAS**	PAS mark
5	**THR**	Throttle mark	12	**MXS**	MAX speed
6		6Km/H push power assist	13	**KM/H**	Riding speed(metric)
			14	**VOL**	Battery voltage
7		The brake mark	15	**KM**	Distance(metric)
8	**CRU**	Cruise mark			

2. Operation

1. ON/OFF

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

When the LCD turn on, the screen will show the default interface.

1. Display 1

Press 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 PAS (Pedal Assistance Level) switch

Press or to switch 0-5 level . Level 1 is for the minimum power, level 5 is for the highest power. Each startup will automatically restore the gear level shutdown at last time (which can be set by paraments). Level 0 is without PAS function.

2.3 6Km/H assist promotion function

Hold and flashes, 6km/h function will on (the vehicle speed doesn`t exceed 6 km/h) . Release button, the function will off.

2.4 Rest TM&DST data

After power on for 5 seconds, hold and at the same time, single trip riding time (TM) and single trip distance (DST) will flash, hold button shortly, the content of both will be cleared. If have not any action exceed 5 seconds, it will automatically return to the display interface and the original content will be preserved.

3.Display 2

Press ⏻ button, display2 will enter display 3. In the riding mode after 5 seconds, the max speed will change to real speed

4.Display 3

Press ⏻ button, display 3 will enter display 1.

hold ⏻ for a long time, the display will be turned off and the power also be cut off

5.Automatically Error prompting interface

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

3. General Parameters Setting

1. Set maximum riding speed

Power on within 5 seconds, hold ▲ and ▼ at the same time to enter maximum riding speed Km/h and MXS setting, press ▲ or ▼ to set the maximum riding speed (default 25 Km/h). P Hold ⏻ button shortly and go to the next parameter settings.

2. Wheel diameter setting

After the maximum riding speed setting, wheel diameter specifications flashes. Press ▲ or ▼ to set the specifications of wheel diameter. Select from the range of 5, 6, 8, 10, 12, 14, 16, 18, 20, 23, 24, 26, 27.5,700c, 28 and 29 inches. Hold ⏻ button shortly and go to the next parameter settings.

3. Set the metric units

After wheel diameter setting, press ⏻ then KM/H and Km flashes. Press ▲ or ▼ to select metric unit of speed and mileage in synchronization.

Display	Metric	Imperial
Riding speed	Km/h	MPH
Total distance	Km	Mil

4. Press ⏻ to stop flashing on screen after metric unit setting is completed. Hold ⏻ button long to exit from setting environment of general parameters and save the setting values, return to display 1.

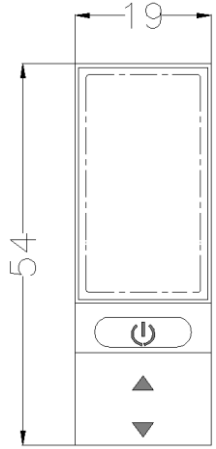
5. Exit from routine project setting

All three general parameters settings can be suspended and return to the display 1 by holding ⏻ button long after each setting is completed, meanwhile the setting values are saved.

Under each setting interface, if have not any action more than 1 minute, it will automatically return to display 1, and the setting value won't be saved.

3. Outline Drawings and Dimensions

1. Dimensions of main instrument body



2. Wiring diagram