

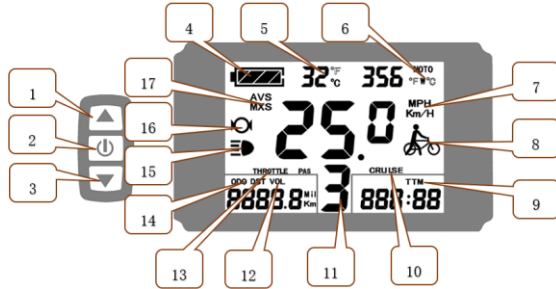
KT-LCD10H e-Bike Display User Manual

v2.1

Dear customer, please read this manual before you use KT-LCD10H 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	CRUISE	Cruise
2		SW Button	11	PAS	Pas (Throttle) level
3		DOWN Button	12	VOL	Battery voltage
4		Battery capacity indicator	13	THROTTLE	Throttle Mode
5	°C	Environment temperature	14	DST	Trip distance
	°F	Environment Fahrenheit		ODO	Total distance
6	MOTO W	Power display	15		Backlight
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	TM	Single trip time			
	TTM	Total trip time			

Operation

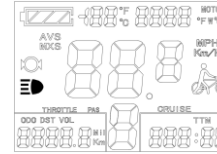
1. ON/OFF

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. Display 1



Hold button to start up and enter display 1.

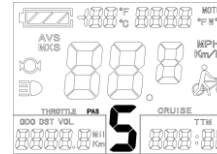


2.1 Turn on backlight and headlights

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.



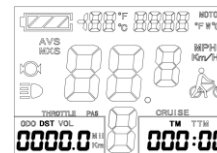
2.3 6Km/H assist promotion function

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

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 within 5 seconds, display 2 automatically returns to display

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).

- 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

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
	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.

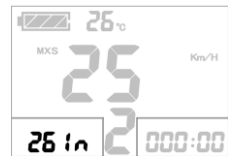
General Project Setting

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 5,6,8,10,12,14,16,18,20 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
Environment temperature	°C Temperature	°F Fahrenheit

- 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

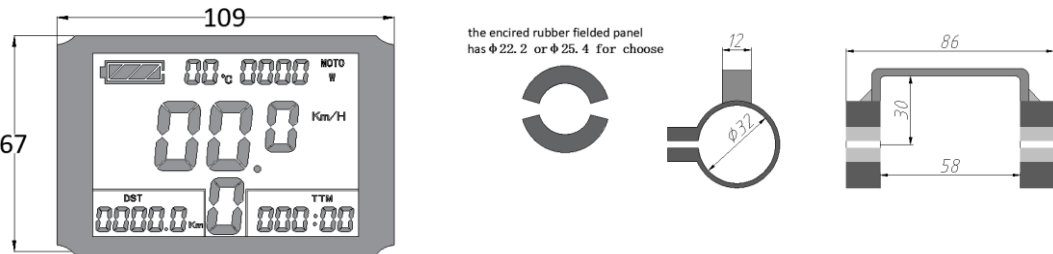
All three routine project settings can exit from the setting environment and return to the display

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. Mounting dimensions of double brackets



3. Wiring diagram

