KT-LCD8YN E-Bike Display User Manual V2.0

1、 Dear customer, please read this manual before you use KT-LCD8YN Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays

2、 Functions and Display

Instruments using the structure form of instrument body portion and the operation buttons are designed separately.

1	▲	UP Button	11	**Km/H**	Riding speed(metric)
2	▼	DOWN Button		**MPH**	Riding speed (imperial)
3	⏻	SW Button	12	**DST**	Trip distance
4	**AVS**	Average speed		**ODO**	Total distance
	MXS	MAX speed	13	**TM**	Single trip time
5		Battery capacity indicator		**TTM**	Total trip time
6	VOL	Battery voltage	14	**MOT W**	Power display
7		brake display	15	**THROTTLE**	Throttle signal
8		Backlight and headlights	16	**ASSIST**	Pas level
9	**TEMP**	Environment temperature			6Km/H push power assist
10	**MOTT**	Power temperature			

1. Operation

2. ON/OFF

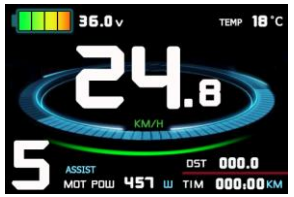
Hold ⏻ button long to turn on the power, and hold ⏻ long for a second time to turn off the power. When the motor stops driving and when the e-bike is not used for a consecutive 5 minutes, it will automatically shut down and turn off the motor power supply

3. Display 1

Hold ⏻ button to start up and enter display

3.1 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.



3.2 Assist ratio gear (ASSIST) 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

3.3 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

3.4 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

4. 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。

5. 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)

6. In display 3, hold button shortly (SW),and the display will re-enter display 1
7. Hold button to turn off the display and the power supply of controller
8. Error Code Display：

1 Motor position sensor fault!

2 Motor or controller short circuit fault!

3 THROTTLE fault!

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

3、 General Project Setting

1. Set Max speed

▶ LIM :72km/h	C3: 8	C13: 0
DIM : 26"	C4: 0	C14: 2
UNT: 0	C5: 10	L1: 0
P1: 87	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: 2	C11: 0	
C2: 0	C12: 4	

Within 5 seconds after power on, hold and at the same time to enter General Setting interface, move to 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 save.

2. Wheel diameter setting

LIM :72km/h	C3: 8	C13: 0
▶ DIM : 26"	C4: 0	C14: 2
UNT: 0	C5: 10	L1: 0
P1: 87	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: 2	C11: 0	
C2: 0	C12: 4	

Move to DIM，press , it flashes and then to DIM setting, press and to set wheel, chosen field within 5、6、8、10、12、14、16、18、20、23、24、26、27.5、700C、28and29 inches.Press to stop flashing and save.

3. Set the metric units

LIM :72km/h	C3: 8	C13: 0
DIM : 26"	C4: 0	C14: 2
▶ UNT: 0	C5: 10	L1: 0
P1: 87	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: 2	C11: 0	
C2: 0	C12: 4	

Move to UNT， press ,to enter UNT setting when it flashes , chosen field is within 0、1、2、3。Press to save and press to go to the next parameter settings.

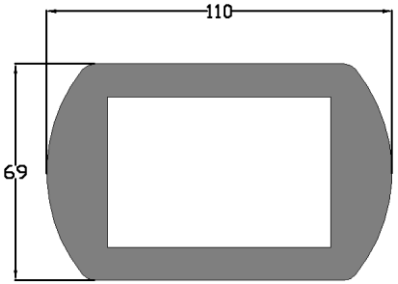
Display	Speed	Mileage	Temperature
UNT:0	Km/h	Km	℃(temperature)
UNT:1	MPH	Mil	℃(temperature)
UNT:2	Km/h	Km	℉(fahrenheit)
UNT:3	MPH	Mil	℉(fahrenheit)

4. Exit from routine project setting

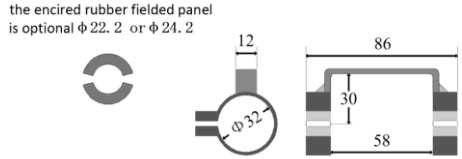
All three routine project settings can exit from the setting environment and return to the display by holding button long after each setting is completed, meanwhile the setting values are saved，under each setting interface, if the button failed holding for more than 1 minute, it will automatically return 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. Wiring diagram