

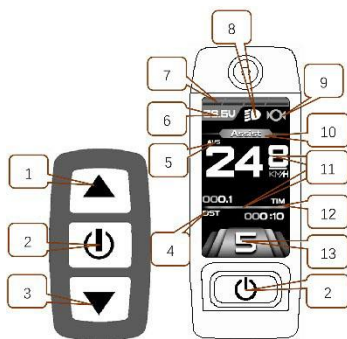
KT-INS01 E-Bike Display User Manual

V1.0

Dear customer, please read this manual before you use KT-INS01 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

Instrument adopts the structural form of integrated design of the main part of the instrument and the operation button.



1		UP Button	8		headlights
2		SW Button	9		The brake display
3		DOWN Button	10		ASSIST display
4		Trip distance	11		Throttle display
		Total distance			Riding speed(metric)
5		Average speed	12		Single trip time
		MAX speed			Total trip time
6		Battery voltage	13		Pas level
7		Battery capacity indicator			6Km/H push power assist

2.Operation



1. ON/OFF

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

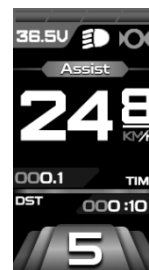


2. Display 1

Hold button to start up and enter display.

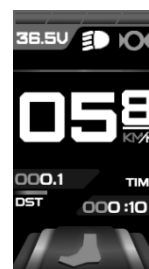
2.1 Turn on headlights

To turn on the vehicle lights, the controller must be equipped with a headlight drive output function.



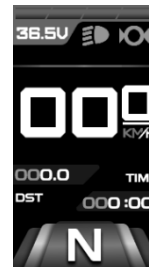
2.2 Assist ratio gear (Assist) switch

Press or to switch 0-5 file gears (N is gear 0). Gear 1 is for the minimum power, gear 5 is for the highest power. Each time the device is started, it will automatically restore the last gear used before shutdown (users can customize the default gear). Gear 0 is without booster function.



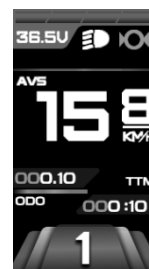
2.3 6Km/H assist boost function

Hold and will flash, the vehicle drives at the speed not more than 6Km/h. Release button, the function will be disabled.



2.4 display and delete of single data

After power on for 5 seconds , hold and at the same time, single trip riding time (TIM) and single trip distance (DST) flash, hold shortly, the content of both is cleared. If you fail to hold the button within 5 seconds, it will automatically return the display interface, original content is preserved.



3. Display 2

Press in Display 1 to enter display 2. In riding mode, after 3 seconds, Display 2 will automatically return to Display 1.



4. Display 3

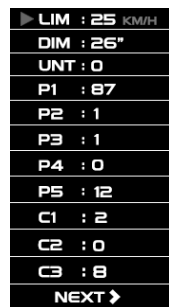
Press button in display 2 to enter display 3. In riding mode, after 3 seconds, the maximum speed (MXS) display will automatically switch back to the real-time riding speed (Km/h).

5. In display 3, hold shortly (SW), and the display will enter display 1.
6. Hold button to turn off the display and the power supply of controller.
7. Automatically prompt interface

- 7.1 Error Code Display: Motor position sensor fault!
Motor or controller short circuit fault!
Throttle fault!

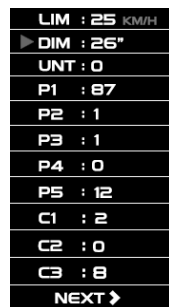
Once the fault was removed, it automatically exits from the fault code display interface.

3、General Project Setting



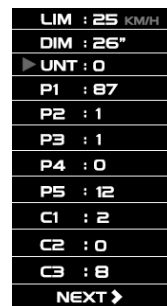
1. Set Max speed

Within 5 seconds after power on, hold and at the same time to enter General Setting interface, move to maximum speed setting LIM, press button LIM flash, press or to set the maximum riding speed. Press button Maximum riding speed stop flashing, then press to save.



2. Wheel diameter setting

Move to DIM, press , and it will flash to enter the DIM setting, press and to set wheel, options include 5, 6, 8, 10, 12, 14, 16, 18, 20, 23, 24, 26, 27.5, 700C, 28 and 29 inches. Press to stop flashing and save.



3. Set the metric units

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

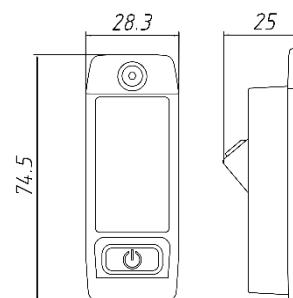
Code	Speed	Mileage
UNT:0	Km/h	Km
UNT:1	MPH	Mil
UNT:2	Km/h	Km
UNT:3	MPH	Mil

4. Exit from routine project setting

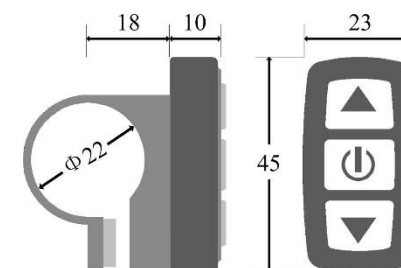
After completing each of the three routine settings, you can exit the setting mode and return to the display interface by holding button long after each setting is completed, meanwhile the setting values will be saved

4.Outline Drawings and Dimensions

1. Dimensions of main instrument body



2. Dimensions of button box



3. Wiring diagram

