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S80 LCD DISPLAY MANUAL (COLOR)



S80 LCD display manual (color)

1. Specification

- 3.2 inchVA screen
- 24V/36V/48V/60V battery supply
- Current rate<40mA
- Off current loss<1uA
- Current from controller 100mA
- Working temperature-20~65°C

2. Size and material

- Black ABS case hardness transparent screen acrylic.

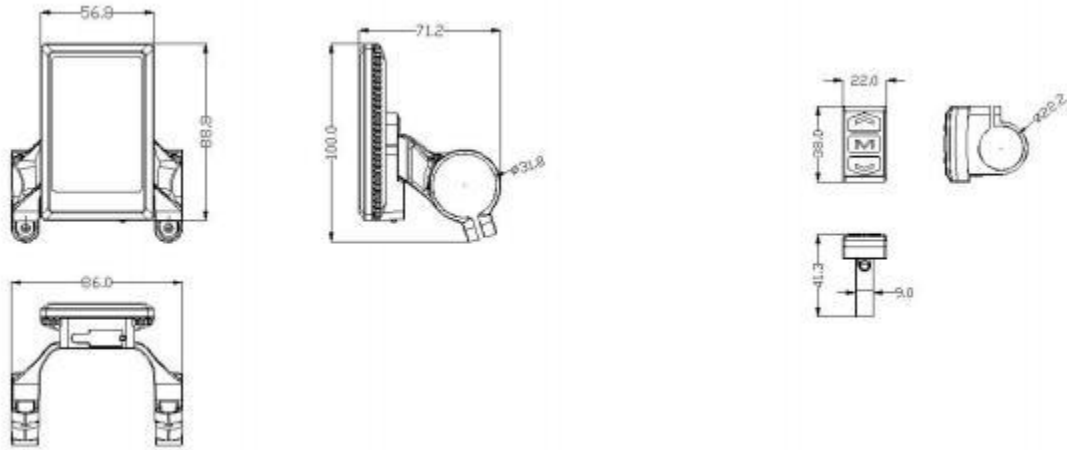


- Button case: ABS Button: bubber, dark grey Hardness:shaw A50±5°



- Size

ROLL-ROAD E-BIKE COLOR LCD DISPLAY



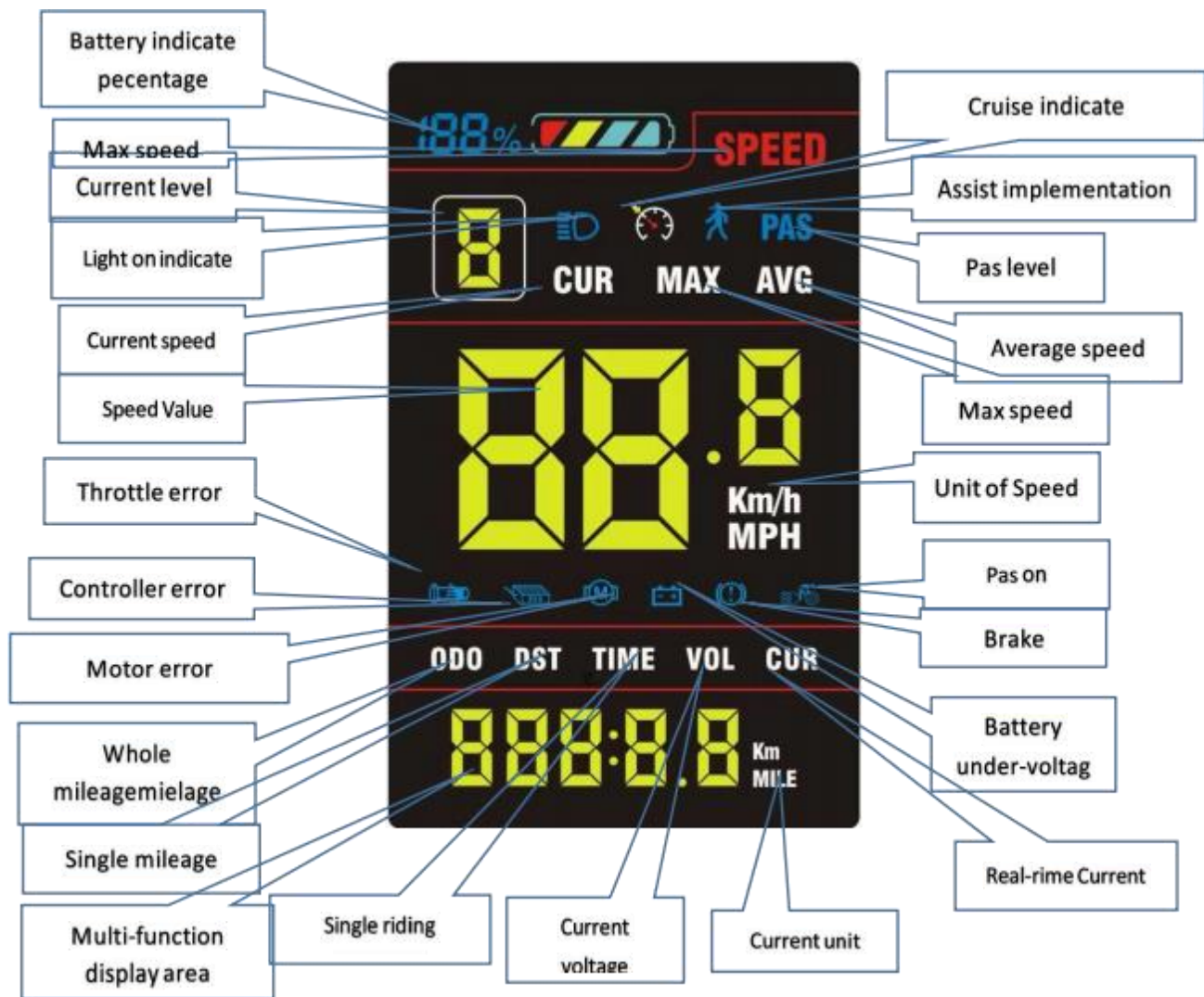
- Diameter of the mounting ring size: Φ **22.2mm**.

3 . Product introduce

- 3.2inch color VA screen;
- The external keys meet the requirements of ergonomics and comfortable to operate;
- Screen and all components limit working temperature: $-25 \sim 70^{\circ}\text{C}$;
- Speed display: CUR SPEED , MAX SPEED,AVG SPEED;
- km/mph : can adjust;
- Battery indicator: Stable battery indicate display , not affected by motor's Rev.Stop
- Back light: 3 level from 1 to 3.
- Pas 9 level control, can adjust to 3/5/ 0 level
- Range: total range ODO , single range:Trip , single ride Time;
- Agreement stype: UART
- Agreement : 2# (can be OEM)

4 . Display specification

ROLL-ROAD E-BIKE COLOR LCD DISPLAY



其中电压百分比和实时电流需要控制器支持。

5. Button function



➤ Turn on-off:

Long press M for 2second , for on or off.

On the main screen , long press the UP to turn on the light.

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➤ **Boosting functionn:**

On the main screen , long press "down button" , If the bike is stop , Go into the bosster , If the bike is riding, going to the cruise function(The later function depends on the controller support or not)

➤ **Pas level change:**

On the main screen , short press "UP" , "DOWN" to change the level .

➤ **Speed display mode change**

On the main screen , long presspr "M "+"UP" , go into the speed display mode change , long press will shift change one by one: Current speed(CUR) 、 max speed(MAX) 、 average speed(AVG)。

➤ **Range/riding time/voltage display change**

Short press "M " , display one by one: current mileage (DST) 、 whole mileage (ODO) 、 current riding time (TIME) 、 current battery voltage (VOL) 。

➤ **Parent set**

1).Press "up" +"down"together , will enter/exit parent set; Then"M"going to the next set, press up and down to change the set。

2).Parent set detail:

P01:back light adjust (1 darkest , 3:brightest) 。

P02:speed and mileage unit (0km , 1mileage)

P03:voltage level set

P04:Auto-turn off set (1-60mins , 0 means function off)

P05:PAS level set (UP button to set 3,5,9 level, Down button adjust have 0 level or not,some controller may dont have this option)

P06:wheel size , the smallest is 0.1 inch

P07:magnet number , 1-99 (If the motor is gear motor, shoule set it to :number of magnet* speed Reduction ratio)

P08:speed limit set , the unit is km/h

P09:Zero start/none-zero start (0:Zero start , 1:None Zero start)

P10: drive way (0 :PAS only , 1:Throttle only , 2:Both)

P11:Pas sensitivity set (1-24)

P12:Start the Torque sensor set (0:weakest , 5:strongest)

P13:PAS magnet choose (5,8,12)

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P14:controller current limit set (need controller support)

P15:Throttle drive signal percentage (not support now)

P16:Cruse function (not support now)

P99:Date reset (on this screen long press “up” , long press up , The display will go into the back reset)

ODO:ODO Reset (on this screen , long press “up” , the whole mileage will back to 0)

6. Cable connection

Table: Mark the plug-in line order

The wiring sequence	Color of wiring	function
1	Red(VCC)	instrument power cord
2	Blue(K)	The power control line of the controller
3	Black(GND)	Instrument ground wire
4	Green(RX)	Instrument data receiving line
5	Yellow(TX)	Instrument data transmission line

(Only listed the default one of the factory)

7. Error code

E-001:motor problem

E-002:throttle problem

E-003:controller problem

E-004: brake problem

E-005:controller under voltage

E-006:no signal from controller

E-007:no signal from display