LD801 Display Instruction Manual

V1. 0

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LD801 display is simple and beautiful as it adopts the scientific ergonomic curve design. The LED is not only clearly visible in the sunlight but also displayed with soft light under the night mode that makes riding safety.

Preface

Dear users, to ensure better performance of your e-bike, please read through the LD801product introduction carefully before using it.

Size (Unit: mm)
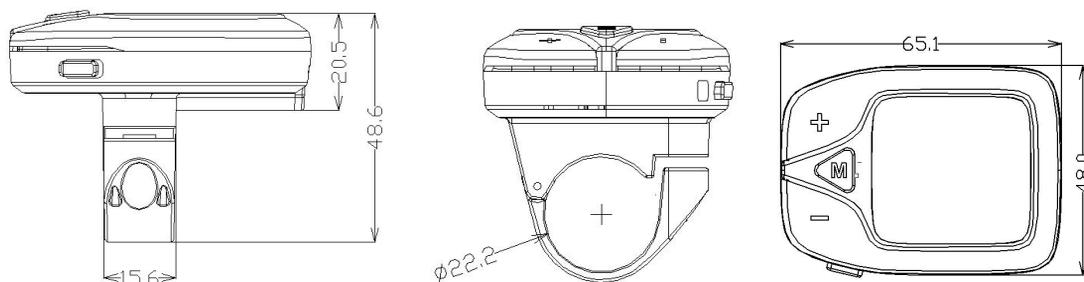
Description

Model and Parameters

LD801

Five assisted power display

Nine assisted digital display

Support 232 or 485 bus mode

Support voltage 24V、36V、48V

Installation Instruction

1、 Fix the display onto the handlebar and adjust to an appropriate visual angle.

2、 Fit the matching screws from the bottom.(manual operation is recommended)

3、 In the case the electric bicycle is powered off, match display connectors with controller connectors.

Button

There are four buttons on the display, including the power/mode（M）,up(+), down(-)and headlight switch（B）.

Normal Operation

On/Off

Power on：In the shutdown state, long press the MODE button, display begins to work for the controller power supply，after 3 seconds，the display will communicate with the controller normally.

Power off：In the power on state, long press the MODE button to cut off the e-bike power supply. In the power off state, the display no longer uses the battery power supply, and the leakage current is smaller than 1uA.

Assisted Power Select

Short press the key（+） or key（-）to change the motor output power, the power ranges from level 0 to level 9, level 1 is the minimum power, level 9 is the maximum power. The default level is level 1.

Level 1	level 9

Power Assist Walk

Hold the key（-）2 seconds and enter into the mode of power assist walk. The e-bike will go on at a uniform speed of 6 KM/H，release the key（-）to stop the mode immediately.

ⓘ This function can only be used when the user is pushing the e-bike. Please don't use this function during riding.

Turn on and Turn off the Headlight

Long press the "+" key to open the headlight again. Again, press the "+" button to close

T he headlight again.
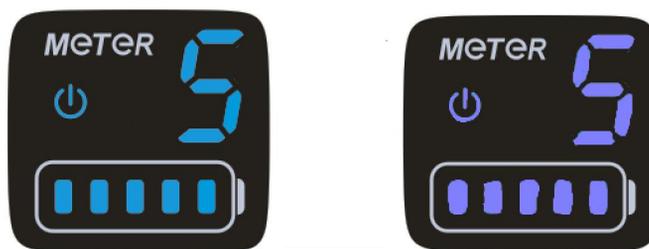
Capacity Display

When the battery capacity is high， the five battery segments are all light．When the battery is low voltage， the battery display frame will flash at the frequency of 1HZ. This indicates that the battery is severely low voltage and needs to be recharged immediately.
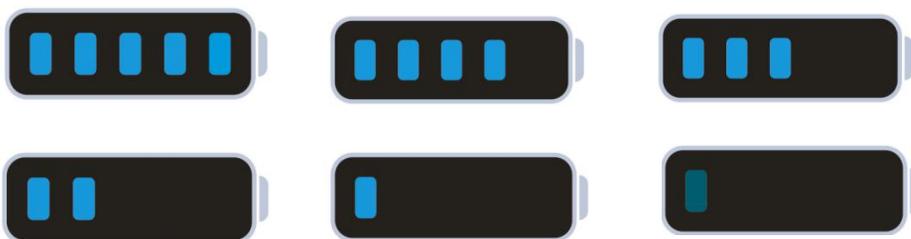
Malfunction Code Display

When the electric control system of electric vehicle fails, the indicator lamp and the amount of electricity are owed. Press flicker.

Quality Warranty

1，warranty coverage：

(1)When the malfunction is caused by the quality of the product itself under regular use condition，our company will be responsible for it under guarantee.

(2)24 months from the delivery time of the display out of the factory.

2，The following conditions are not covered by the warranty:

(1) The shell is open;

(2) The connectors are broken;

(3)The shell is scratched or damaged after leaving the factory;

(4) The lead wires from the display are scratched or broken;

(5) Damages are caused by irresistible (e.g. fire, earthquake, etc) or natural disasters (such as lightning, etc.);

(6) The product exceeds the warranty period.

Wiring Diagram

The display is matched with 5-waterproof wire and the wire definitions are as below：
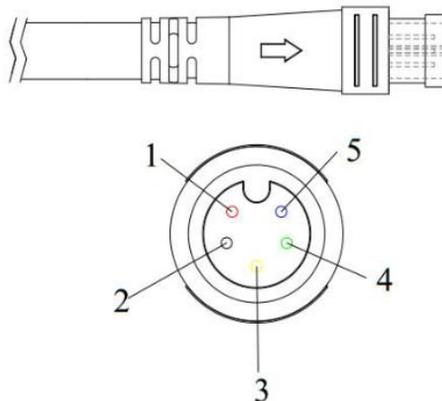
Number	Color	Function
1	red(VCC)	Power B+
2	black(GND)	Power B-
3	yellow(TX、B)	232：TX、 485：B
4	green(RX、A)	232：RX 、485：A
5	blue(K)	Lock

Note：Users cannot see the color of the internal wiring because of the water proof connector.