

Z1000

LCD Display Manual

Features:

1. Display function

Speed display, battery indication, fault indication, headlight indication, cruise indication, gear indication, total mileage, and single mileage

Real-time voltage, operating current, operating time, startup mode

2. Communication Protocol: UART

3. The entire content of the display (displayed within 1s after booting)

Display content introduction

1. Voltage status level POWER

2. Multi-function display area

Total mileage ODO, single mileage TRIP, real-time voltage V, operating current A, runtime TIME, fault code E

3. In the fault status display area E, when the symbol is flashing, press the ON/OFF key momentarily to adjust the display interface to the E interface

Corresponding figures on the interface represent the specific status of the corresponding fault as follows

ERROR 1: motor failure

ERROR 2: Turn failure

ERROR 3: controller failure

ERROR 4: Switch off brake

ERROR 5: Under voltage protection

ERROR 6: Communication Failure, Meter Fails to Receive Controller Output

ERROR 7: Communication Failure, Controller Fails to Receive Meter Output

4. Speed display area

Unit MPH, KM/H

The speed signal is taken from the Hall signal in the motor and sent to the instrument by the controller

(Time of a single Hall cycle, unit: 1MS)

The meter will calculate the actual speed based on the wheel diameter and signal data (motor Hall also needs to set the number of magnets)

5. Gear display area Short press the MODE key to switch the gear cycle. The higher the gear, the faster the speed. The motor will not run when the gear is 0

6. Headlight display area

Long press MODE button, the headlight symbol lights up

7. Cruise display area

After the motor is running, keep the speed control handle for 5 seconds and the cruise symbol is on. After the handle is released, the motor maintains the original speed operation

The car or once again dials the speed control handle and returns it to the cruise state

8. Startup mode selection display area

Non-zero start NON symbol lights up Zero start ZERO symbol lights up

9. USB charging icon display area

When a data cable is connected to the instrument's USB interface and draws more than 100 mA from it, the USB icon will light, if the icon is in the flashing state, the load is in intermittent charge or the load current exceeds 100 mA, and the USB interface automatically turns on Protection mode

10. Parameter Settings and Definitions

P01: Backlight brightness, Level 1 is the darkest; Level 3 is the brightest;

P02: mileage unit, 0: KM 1: MILE

P03: voltage level: 24V, 36V, 48V, default 36V,

P04. Sleep time: 0, do not sleep: other figures are sleep time, range: 1-60, unit minutes

P06: Wheel diameter: unit, inch; accuracy: 0.1;

P07: Speed magnetic steel number Range: 1-100;

P08: Speed limit, limit the motor max speed.

P09: Zero start, non-zero start setting, 0: zero start, 1: non-zero start,

P10: Drive mode setting 0 Auxiliary drive 1 Electric drive 2 Auxiliary drive Electric drive coexistence.

P15: Percentage setting of motor drive signal (Realize speed limit function of p08) set to 100 at full speed.

P16: Instrument real-time cruise function 1 Have this function 0 No such function.

P17: Headlight synchronization function 1 the headlights and backlight are not switched on after power on 0 the headlights and backlight is switched on after power on.

P99: One-button recovery function (In the P99 parameter setting interface, press and hold the MODE button for 5-6 seconds to restore all parameters to the first The initial

setting of the boot

ODO: ODO is cleared (in the ODO parameters settings interface, press the MODE key and then press and hold for 5-6 seconds until the number is 0)

Second, key function brief introduction

Switch between V, A, E, and TM

1. In the off state, long press the button to turn on, after the boot, short press the button, the interface is in ODO, TRIP,
2. in the boot state, long press the button to turn off,
3. Long press and keys to enter the mode settings, in the settings interface, short press the switch number, and Short press to change the speed, the gear shifts from 0 to the highest gear

Default 6 gears, 0-speed motor does not run 5 speed is highest parameter value modification.

Enter parameter settings to meet, adjust to the parameter you want to adjust, increase by the keys and keys

Increase or decrease the value of the parameter and confirm that after the modification is completed, press the key and the key to exit the parameter setting

Shutdown and restart means the modification of parameters is completed

4. The rocker adjusts the motor speed, from the up and down toggle, the motor speed increases; let go back to zero

5. Headlight function of the instrument, long button to open the headlights

Note: Due to the upgrade of the company's products, the display content of the products you get may be different from the manual. But it will not affect your normal use