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FIVE CDC1 LED Display User Manual

User Manual
CDC1 Specifications
FABBRICA ITALIANA VEICOLI ELETTRICI

Contents

About the User Manual

Dear users, to ensure better performance of your e-bike, please read carefully through the CDC1 Specifications before using it.

Characteristics

CDC1 products use the LCD display, double PCB, nylon buckle, ABS material shell and dip plastic parts (Figure 1).
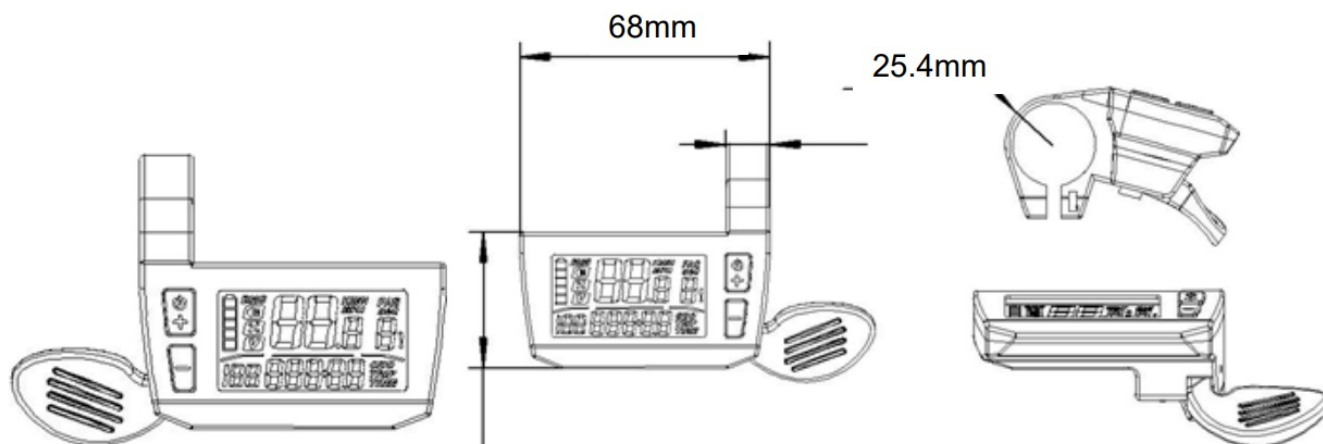
Figure 1

Functions and Display

CDC1 is a Multifunction display with an integrated throttle function. The same display can match 24V, 36V, and 48V batteries.

CDC1 functions summary (Figure 2):

- Total distance indicator
- Riding distance indicator
- Current speed indicator
- Backlight indicator (switch backlight)
- PAS level selection
- Residual battery capacity indicator
- Error code definition
- Kilometers or miles
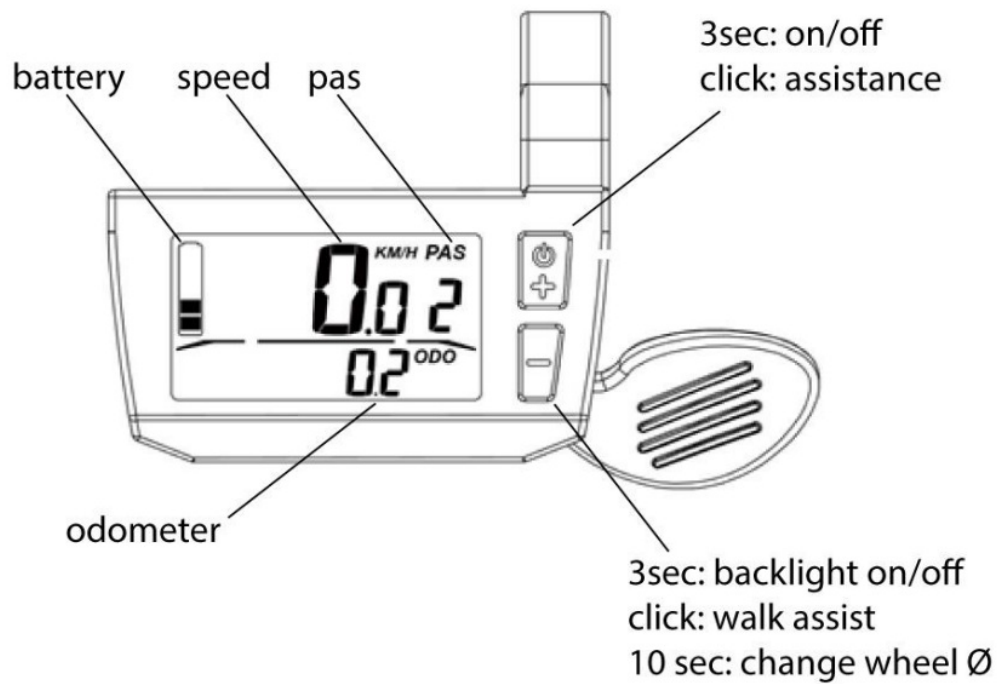- Wheel diameter selection

Full Display

battery   speed   pas

3sec: on/off
click: assistance

KM/H PAS

ODO

odometer

3sec: backlight on/off
click: walk assist
10 sec: change wheel Ø

Figure 2

Buttons

CDC1 has four buttons: ON/OFF, UP, DOWN, and SET.

on/off/up

set/down

BMS
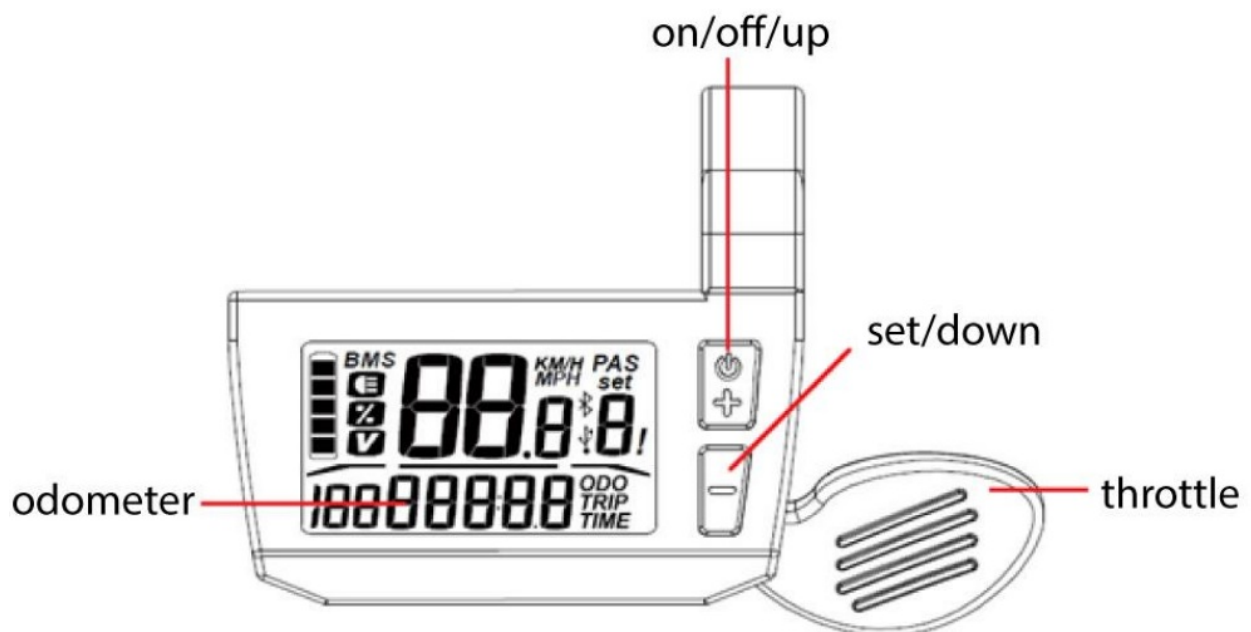KM/H PAS
MPH set

odometer

ODO
TRIP
TIME

throttle

Figure 3

Installation

Mount the display on the handlebar and then adjust the view angle. Tighten the screws to complete the installation (Figure 4 and 5):

Figure 4

Figure 5

Functions

a. on/off
Press the UP button once to turn on the display. Press and hold the UP button for 3 seconds to turn off the display.
b. Backlight
Press and hold 3 seconds for the "–" button to turn on or off the backlight.
c. PAS level selection
With the screen on, press the "+" or "-" buttons to increase or decrease the assistance levels from 0 (no power) to 5 (max power). While in 0 assistance level, hold the throttle to activate the walking assisted mode. This mode will help you push the e-bike by foot up to a maximum of 6 km/h speed.
d. Battery indicator
The residual charge of the battery is shown on the top-left part of the display. When the battery is full, the five notches are all bright; with low battery, the last one flashes and the battery needs to be recharged immediately. See Figure 6:

Figure 6

e. Wheel diameter selection

Press the SET button and hold for 5 seconds to open the bicycle setting interface, then press the SET button again until the wheel diameter setting interface is reached. The wheel diameter selection is shown in Figure 7: With the – and + buttons select the new correct diameter. Choosing a diameter other than the real one may cause malfunctions.

WHEEL DIANA	
12	(957m)
16	(1272mm)
18	(1350mm)
20	(1590m)
22	(1770m)
24	(1948mrn)
26	(2072m)
27	(2210mm)
28	(2260m)
29	(2313m)

Figure 7

Error codes

The error codes are shown at the top-right of the display. Check the following Table.
In case of error, please contact Technical Support.

Error code definition table

Error code	Description
2	Overcurrent protection / Motor's Hall signal anomaly/controller's internal power device/ motor's phase missing
3	Motor's Hall signal anomaly/safety shutdown of the motor anomaly / bad contact of power supply terminal/damage control/motor damage
4	Low voltage
5	Faulty brakes sensor
6	Battery anomaly
7	Throttle anomaly
9	Voltage anomaly
A/10	Display and controller communication fault (yellow cable)
F/15	Display and controller communication fault (green cable)
The display does not turn on or shut down after 3 seconds from turning on: please check that controller cables or supply power cables are well connected.	

Documents / Resources

FIVE CDC1 Specifications	**FIVE CDC1 LED Display** [pdf] User Manual CDC1 LED Display, CDC1, LED Display

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