850C Display Instructions

Contents

Introduction

For starters, thanks for your purchase and for choosing Ride the Glide! No doubt you're very excited to get out and riding right away, who wouldn't! But please first take a moment to read through this instruction manual to learn the ins and outs of this display, how to operate it and allay any confusion.
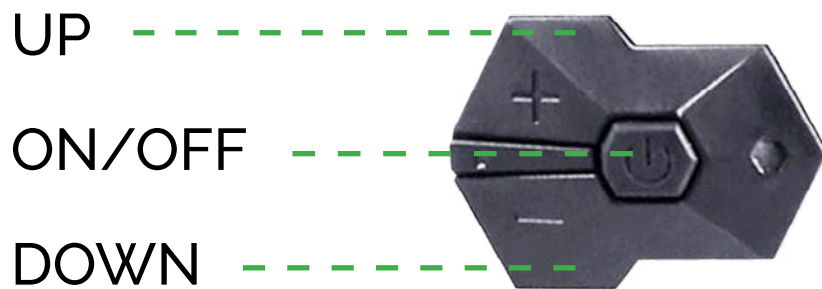
Note about Warranty

If you ever have any issues with your e-bike, whether mechanical or electrical please contact us immediately and without delay. Warranty can be voided by not disclosing an issue and not having it fixed in a timely manner. And remember your bike is only as good as the shape you keep it in so please make use of your first year of free tune ups.

Material

The 850C display is made of black aluminum alloy material and the bracket is a nylon plastic. The normal operating temperature range is -20 to 60°C

The Buttons

The 850C has three buttons including ON/OFF, UP and DOWN.

UP ---------------

ON/OFF ---------------

DOWN ---------------

The Display

The C800S has wide range of functions and indicators. The diagram below shows the full contents of the display

9 ······· 12:38AM   48.2v ·······7

8 ······· ≡D   🔴 ·······10

·······11

20 25

15 KM/H 30

10 35

1 ······· **32.8** 40

2 ······· 5 0489w 45

0×100w 10

3 ·······3

2 8

4 6

5 ······· 🚲 TRIP   TIME ·······12

4 ······· 13

6 ······· 13.9KM | 00:00:00 ·······14

Intelligent

Operation

On/Off

Hold the ON/OFF button for 3 seconds to start the display, this will provide power to the controller and turn on the bike. To turn the display and the bike off hold the ON/OFF button for 3 seconds until the display powers off. With the display turned off there is no battery consumption and the display itself when on draws no more than 2µA (micro amps).

The display panel will automatically turn off if the speed is 0km/h for five minutes.

1. Speed Display

The speed displays in the center of the screen, the default reading is in km/h but can be changed to mph in the settings.

2. Power Output

Displays the power output to the motor. Can display as power (watts) or as current (amps). Can be set in the settings menu.

3. Pedal Assist Level

Determines the speed the motor will assist to when pedaling. 0 pedal assist is no pedal assist, power may or may not be available via the throttle. For pedal assist 1-5 levels are available with 1 being the slowest and 5 being the fastest. Use up and down buttons to change.

* To activate the walk assist hold the down button. PAS will read as "P", to deactivate the walk assist release the down button.*

4. Odometer

The odometer is the total distance the bike has been ridden with the display powered on, this cannot be cleared. Click the power button to switch from the trip odometer to the odometer.

5. Trip Odometer

The trip odometer shows the trip mileage. This can manually be cleared, along with the trip time, by holding the up and down buttons for 3 seconds. This is the default view.

6. Range

Estimated range based on the pedal assist level. Not available on all models. Click the power button to switch from odo to range.

7. Battery Indicator

The battery frame gives a visual indicator of the charge level. Additionally there can be a numerical read out of the battery charge. Either as percentage or voltage, or non at all. This can be set in the settings menu.

8. Light Indicator

With the display powered on hold the up button for 3 seconds to turn on the front and rear light. Hold it again to turn the lights off.

9. Clock

Can be set in the settings menu.

10. Braking Indicator

Indicates that one or both brake levers are engaged.

11. Speed Unit

The unit that the speed is displayed as. Default is km/h, can be changed to mph in the settings menu.

12. Trip Time

The trip time. Can be cleared, along with the trip odometer, by holding the up and down buttons for 3 seconds. This is the default.
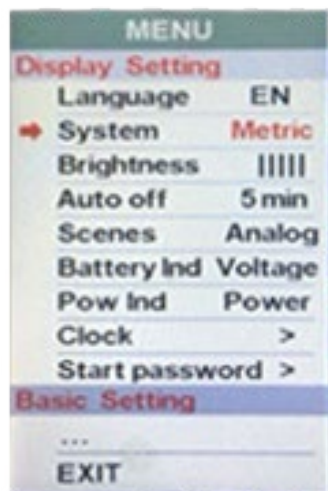
13. Max. Speed

The max. speed achieved in the trip. Will be cleared with the trip. To navigate to max. speed click the power button until it is displayed.

14. Avg. Speed

The avg. speed achieved in the trip. Will be cleared with the trip. To navigate to avg. speed click the power button until it is displayed.

Settings

Double tap the power button (quickly) to enter the settings interface. Use the up and down buttons to cycle between settings. To change a setting click "power" to activate it (it will turn red) and use the up and down buttons to select the desired parameter. Click "power" again to save. Select exit to close the settings menu.

Language

Default is English.

System

Default is metric, can be changed to imperial.

Brightness

Set the brightness of the display.

Auto Off

Time that bike will stay turned on while stationary.

Scenes

Digital or Analog

Battery Indicator

Battery read out, can be voltage, percentage or no read out.

Power Indicator

Motor power read out unit, can be power (watts) or current (amps).

Clock

Select to bring up screen to set time.

Start Password

Setting password will require it on start up, power cannot be used without correct password.

Wheel

Wheel diameter for correct speed and distance calculations.

Battery

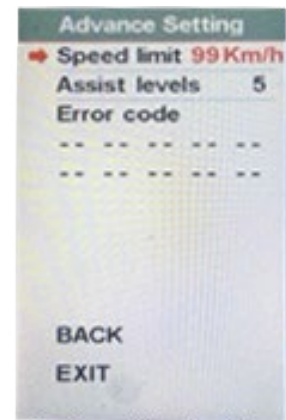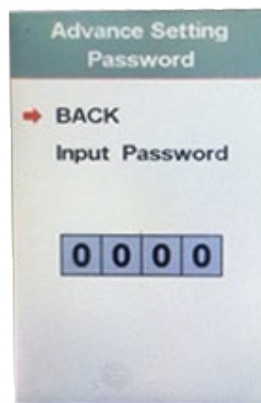Battery voltage. Do not change, battery read out will be incorrect.

USB Port

Turn the USB port on/off. Port is located at the botton of the display.

Light Sensor

Not applicable
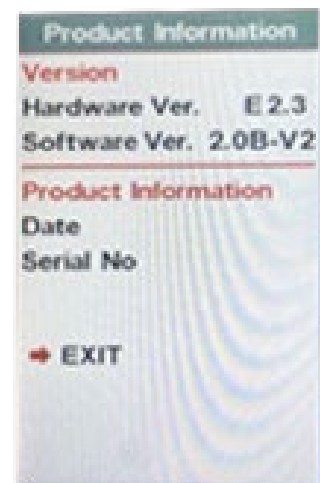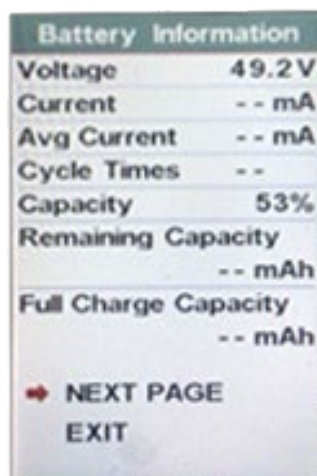
Advanced Settings

Password is 1919

Factory Settings

Can reset to factory settings.

Information

Error Codes

If a fault is detected within the electronic control system, the display will flash and show an error code. Reference the table below for code details. If your display shows an error immediately contact Ride the Glide about the error code and set up an appointment to bring your bike in to have it looked at.

Error Code	Description
1	Communication error
21	Current protection
22	Throttle error
23	3-Phase power error
24	Hall error
25	Brake error
26-99	Reserved, contact RTG

To resolve some error codes:

Error 22 throttle error - error occurs when throttle is engaged on start up. Releasing the throttle will resolve error code.

Error 24 hall error - check that motor is fully plugged in, this may resolve, if it doesn't contact Ride the Glide.

Error 25 brake error - error occurs when brake lever is engaged on start up. Releasing the brake lever will resolve error code.