



EVELO EVO-2 Display Bicycle Device Owner's Manual

[Home](#) » [EVELO](#) » EVELO EVO-2 Display Bicycle Device Owner's Manual 

Contents

- [1 EVELO EVO-2 Display Bicycle Device](#)
- [2 Display and Keypad](#)
- [3 Using Your Bike](#)
- [4 Settings Menu](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)



EVELO EVO-2 Display Bicycle Device



Display and Keypad



Using Your Bike

Powering the Bike ON/OFF

Hold the ON/OFF button to power on the bike. Hold down the ON/OFF button for two seconds to turn the bike off.

Speedometer

The speed is shown in the middle of the screen. You can choose miles or kilometers in the settings menu.

Pedal Assist Level Selection

Press the + or – button to select your pedal assist level. You can choose from 0 to 5, with 0 being no assistance and 5 the most assistance.

Light Usage

Press and hold the + button for two seconds to turn on the bike's lights. Repeat to turn them off. This will also change the display between day and night mode.

Battery Indicator

The battery's state of charge is shown as a bar and as a percentage by default. You can also change it to read actual voltage in the Settings Menu. The indicator will turn red when below 20%.

Trip Odometer Reset

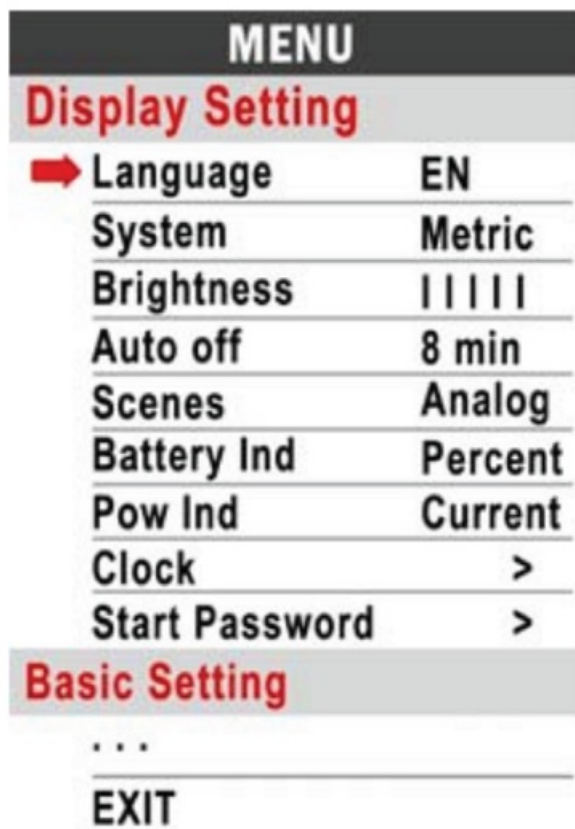
To reset the trip odometer, hold the + and – buttons for a few seconds.

Error Code Indicator

If there is something wrong with the electronic control system, the error symbol and number will be displayed in the bottom of screen. If you get an error code, contact us for information. (Full list of codes can be found on page 6.)

Settings Menu

Double tap the Mode button very quickly to enter the Settings menu, click + or – to select the item, then click MODE again. Then you can press + or – to select the desired parameter, and after the parameters have been changed, click Mode again. You can change the following settings:



System Units

You can choose between metric and imperial units.

Brightness

Set the brightness of the display.

Auto OFF

Your bike will turn off after a period of inactivity. Set the length of that period here from 1 to 9 minutes. If you set this to OFF, the bike will not shut itself off.

Battery Indicator

Shows the battery level as either voltage or percent.

Power Indicator

Power can be displayed either as Watts (power) or Amps (current).

Clock

Set the date and time.

Start Password

You can set a password to use the bike and to access the settings. The default password is 1919. If you change the password and forget it, we cannot unlock it; the display will have to be replaced.

Wheel

Set your wheel size. It is set correctly from the factory. You can reference the tire size printed on the tire or contact us for more information if needed.

Battery

Select the battery voltage for your bike. Please do not change this value, as it may result in the bike not functioning.

USB Port

Turns the USB port on or off. It can charge an external device at 5V 500mA. If you set this to OFF, the USB port will not charge other devices.

Light Sensor

Turn the light sensor on or off and adjust the sensitivity. The sensor will automatically turn your lights on in low light situation when set to ON.

Advanced Settings

To access these settings, the default password is 1919.

Speed Limit

For most models, the max speed is 20 mph by default. When you reach the specified speed, assistance will turn off. The limit can be raised, but you should check your local laws before doing so.

The Atlas, as a Class 3 bike, has a 28 mph speed limit and this setting cannot be changed.

Assist Levels

Set the number of assist levels to either 3, 5, or 9. This will not change the motor's max output, but changes how fine the adjustment is.

Error Code

Any error codes are stored here, even after they go away on the main screen. See below for list of codes.

Factory Setting

This will reset your display back to its factory settings.

Information

Shows some information about the bike, such as Average and Max Speed, as well as the trip and total odometer.

Battery Info

Shows detailed information about the battery, though none of it is especially useful to the user.

Error Codes

- 04 Throttle on high position – Flick throttle and restart bike
- 05 Throttle error
- 07 High Voltage Protection
- 08 Motor hall sensor error


- 09 Motor phase error
- 10 Controller over temperature
- 11 Motor over temperature
- 12 Current sensor error
- 13 Battery temperature sensor error
- 14 Motor temperature sensor error
- 15 Controller temperature sensor error
- 21 Speed sensor error – Check alignment of magnet and sensor
- 22 BMS Communication error
- 23 Headlight error
- 24 Ambient light sensor error
- 25 Torque sensor error – torque
- 26 Torque sensor error – speed
- 30 Communication error

Notes

Questions? Get In Touch:

- 877-991-7272
- contact@evelo.com
- EVELO.COM

Documents / Resources

	<p>EVELO EVO-2 Display Bicycle Device [pdf] Owner's Manual EVO-2 Display, Bicycle Device, EVO-2 Display Bicycle Device</p>
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References

- [Best Electric Bikes With 4-Year Warranty & At-Home Trial | EVELO](#)