

## **Preface**

Dear Customer,

Please make sure you read this manual carefully before using the bike, in order to make full use of the functions designed for the bike in a safer and more efficient way.

Please also be advised that some of the functions are designed for off-road use only, including but not limited to top speed adjustment.

Certain conditions that may limit or completely void the warranty of your E-Bike are: changing the manufacturer default settings; Altering the bike from its original design or intended use. Please confirm with your Emmo dealer for more details of the warranty policy.

## General Description

### Function Summary

In addition to changing some settings of the bike, the following information can be displayed by the speedometer.

- **Battery Strength Indicator**
- **Motor Power Indicator**
- **Speeds (Current Speed, Maximum Speed and Average Speed)**
- **Odometer (Total Travel Distance)**
- **Trip Distance/Time**
- **Pedal-Assist Level**
- **Back Light & Headlight On/Off**
- **Error Code**



Display Interface

## Definition of Buttons

There are 3 buttons on the bike. They are defined as below.

 is defined as "MODE"

 is defined as "UP".

 is defined as "DOWN".

### Cautions:



Avoid any collision.



Changing the manufacturer setting may affect or completely void the warranty provided by the manufacturer. Please consult your Emmo Dealer for more details.



Please have your bike repaired once you find a problem.

## Instructions

### On/Off

To start, hold the **MODE** button, you will be able to turn on the speedometer and the power supply of the whole bike. When on, hold the **MODE** button, you can turn off the bike and the speedometer.



The speedometer will shut off automatically if the bike is not used for **10** minutes.

### Information displayed

Once started, current speed is displayed by default setting. To change the speed type, please hold the **MODE** and **DOWN** simultaneously. You will be able to switch to maximum speed and average speed.



**Current Speed**

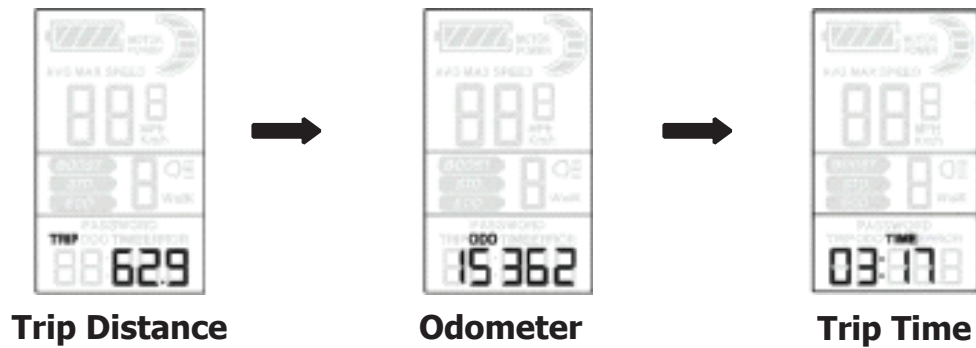


**Max Speed**



**Average Speed**

Once started, trip distance is displayed by default setting. To change the information displayed, please press the **MODE** button. You will be able to switch the information to odometer, trip time.



## Walking Mode

Hold the **DOWN** button for about 2 seconds. You will turn on the walking mode. The bike will proceed at about 6km/h.



**Walking Mode**

## Screen Back Light and Headlight

Hold the **UP** button for about 2 seconds, you will be able to turn on the back light of the screen and the headlight. To turn them off, hold the **UP** button again.



**Headlight indicator**

## Pedal Assist Level

Press the **UP** button or **DOWN** button, you can switch the pedal assist level between 0 to 5.



**Pedal Assist Level**

## Battery Strength Indicator

The 5 bars represent the battery strength. It is suggested that you charge the battery when it is lower than 20%-30%. If the battery level is extremely low, the battery frame will flash. You must charge the battery immediately to prevent possible damage to the battery.



## Battery Indicator

## Motor Output Power

Motor power is showed as below:



## Error Code

The Error Code will appear automatically when a problem detected. Please refer to Table 1 in the appendix for more details of the Error Code.



**Error Code**



**Please have the bike repaired as soon as possible.**

## User Settings

### General Settings

Hold the **MODE** button to turn on the bike. While on, hold the **UP** and **DOWN** buttons simultaneously for about 2 seconds to enter the general setting menu.

- **Reset Trip Distance and Trip Time**

TC stands for Trip Distance Clearance. Press the **UP/DOWN** to choose yes (clear it) or no (keep it).

Press the **MODE** to confirm the selection and you will be able to go to the next setting.



**Trip distance and trip time will be cleared at the same time.**



**Reset Trip Information**

- **Back Light Brightness**

BL means backlight. There are 3 levels of brightness for you to choose. Level 1 is the lowest brightness, while Level 3 is the highest. The default brightness is Level 1. By pressing **UP/DOWN**, you can change the back light brightness. Press the **MODE** button to confirm the selection and go to the next setting.



**Back Light Brightness**

- **Wheel Size**

Press **UP** or **DOWN** to choose the wheel diameter for a more accurate calculation of speed and travel distance. You will be able to select from 16 inches, 18 inches, 20 inches, 22 inches, 24 inches, 26 inches, 700C, and 28 inches. 26 inches would be set by default.

Press the **MODE** button to confirm the selection and go to the next setting.



### Wheel Size Setting

- **Maximum Speed Setting**

When the running speed exceeds the set maximum speed, the controller will cut off the motor power. You can use **UP** or **DOWN** to adjust the top speed between 12 km/h to 40 km/h. Default speed limit is 32 km/h.

press the **MODE** button to confirm the selection and go to the next setting.



**For off-road use only, changing the maximum speed may affect or completely void the manufacturer warranty of the bike. Please consult you Emmo Dealer for more details.**

- **Unit**

You can use **UP** or **DOWN** to change the unit between km/h and MPH.

press the **MODE** button to confirm the selection and go to the next setting.

**Table 1      Error Code Explanation**

Error Code	Explanation
21	Current Abnormality
22	Throttle Failure
23	Motor Disorder
24	Motor Hall Signal Disorder
25	Brake Failure
30	Communication Failure