

OWNER'S MANUAL
EAGLE



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Eagle Scout & Venture E-Bike Features:

- Li-ion Battery (36V - 14.5Ah - 522Wh)
- Pedal Assist Modes (pedaling with no force and no throttle):
 1. Average 7mph
 2. Average 9mph
 3. Average 11mph
 4. Average 13mph
 5. Average 15mph
 6. Full Throttle mode: Average 23mph
- Average speeds will be affected by head winds (1-3mph)
- When battery level reaches flashing mode, 5 miles of battery life remain for travel
- Pedal Assist Mode #5 (pedaling with no force and no throttle) will travel 25-30 miles, which is approximately 2.5 hours.
- Full throttle mode (no pedaling) will travel 20-25 miles, which is approximately 1 hour and 15 minutes.
- Charge time for a fully drained battery is 7 hours

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Preface

Dear Users

Please Read This Manual carefully Before Using Our Product.

Material&color

W108 made of ABS is able to work well under -20°C — 80°C . Available color: black and white. White display panel made of transparent Acrylic material, silicone button.

Waterproof Grade:IP65

Picture and size (Unit: mm)

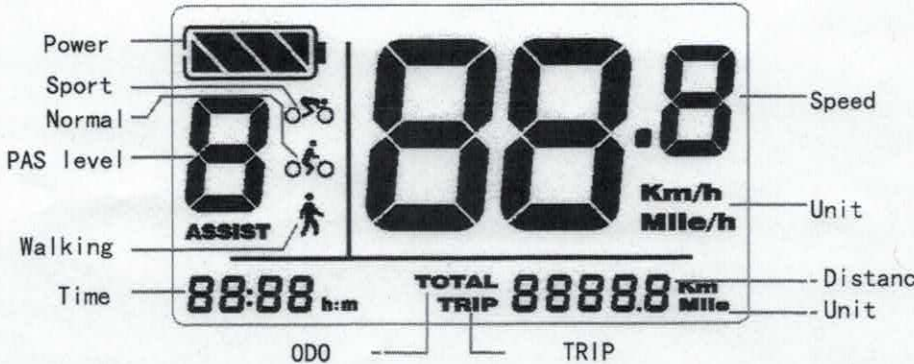
Setting

Simple setting : unit, speed limit, brightness, time.

Advanced setting: wheel size, hall sensor, reduction ratio, pole logarithmic.

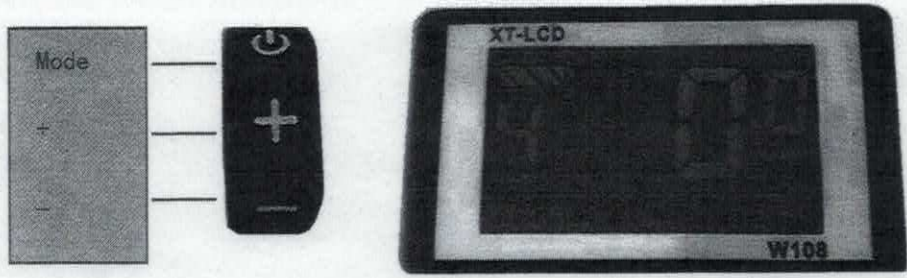
Interface

Show context: ◆Capacity ◆Riding mode (Sport/ Normal/Walking) ◆Distance (TRIP/ TOLTAL) ◆Time◆Error code :



BUTTON

W108 gets three buttons:



Installation

Install display on handlebar and adjust its location. Plug it into controller when power off.

Preparation

Make sure good connection before power on.

Power ON/OFF

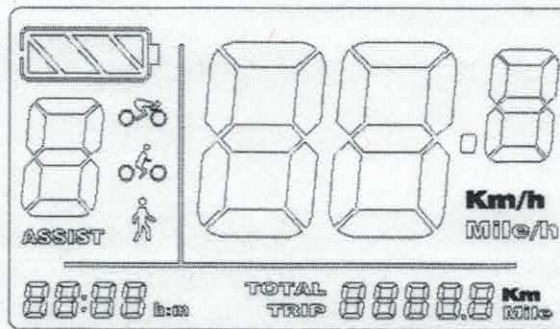
Long press Mode to start display. Long press M again to switch off.

Suggestion: pls take the battery off the bike if you do not use the bike more than 4 hours.

Unit

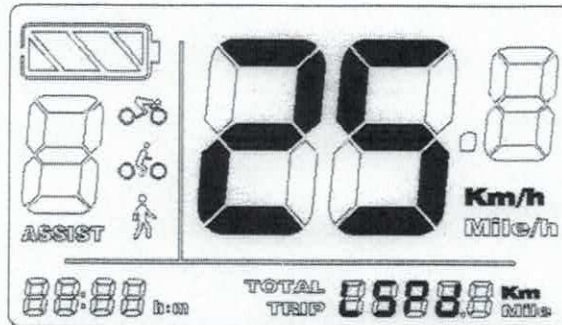
Long press M to start display. Long press (+) and (-) to setting mode.

Press (+) or (-) to change unit Km or Mile. Press M to save and skip to speed setting.



Speed Limit

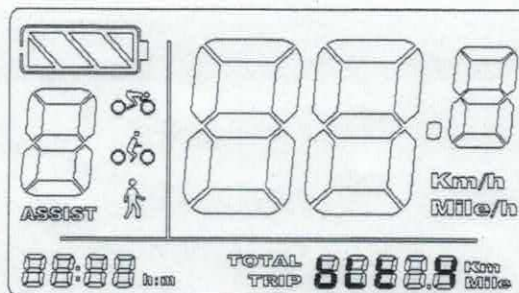
Press the Mode into speed limit setting, (+) means increase the speed limit, (-) means decrease the speed limit.



Attention: the speed limit unit is Km/h, which only works for 1-3 modes, sport mode, the speed limit do not work.

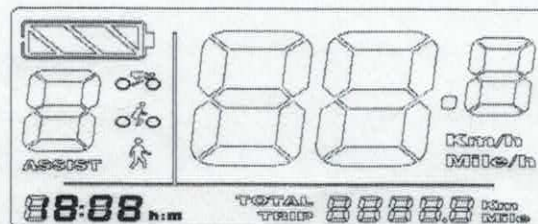
Backlight brightness

Press M to save and skip to backlight setting. Press (+) or (-) to change the brightness



Time

Choose good after the backlight brightness, Short press M into the time set.



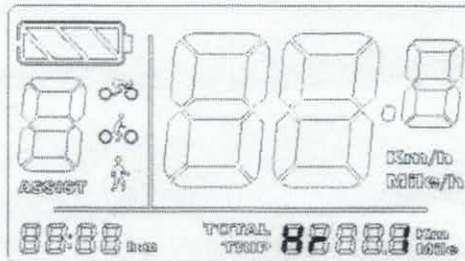
Attention: Complete parameter Settings, The display need to switch machine, Setting will only take effect.

Advanced setting-wheel size

Long press M to start display. Long press (+) and (-) to setting mode, Then press (+) and (-) and no release, meanwhile press M eight times, to advanced setting. Press (+) or (-) to change the wheel size.

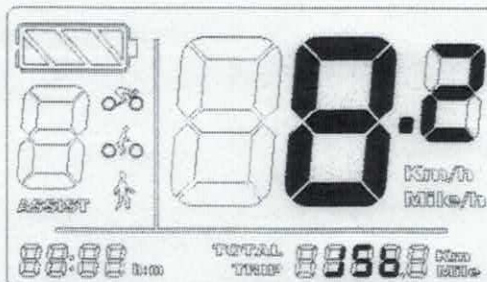
Speed detection hall sensor

Choose good after the wheel size, Short press M into the speed hall set.



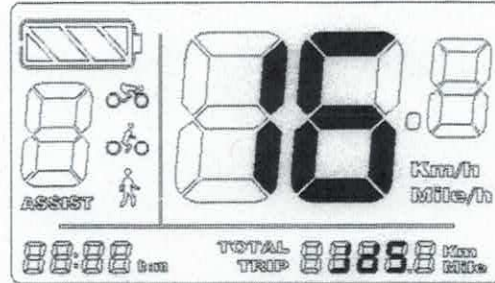
Reduction ratio

Choose good after the number of the speed hall, Short press M into the reduction ratio.



Pole logarithmic

Choose good after the pole logarithmic, Short press M into the pole logarithmic set.




Attention: Complete parameter Settings, The display need to switch machine, Setting will only take effect.

Level switch

Normal mode: default range 0 – 3, Press (+) or (-) to change the levels. 0 no output, Default level 1 when switch on.

Climbing mode: default range H, H max output.

Long press (-) to start assist walking.  highlights on screen. Vehicle goes at 6km/h.

Only in case of pushing, can this function be used. Please don't abuse when riding.

Backlight

Long press (+) to switch on backlight on screen, and front light on as well if front light available. Long press (+) again to switch it off.

TRIP clearance

Power on, long press M and (-) to clear TRIP distance

TRIP/TOTAL

Press M to shift TRIP and TOTAL

Automatically power off

To protect the battery, the power will be cut off when the vehicle stopped after 10 minutes, Want to ride the vehicle have to restart the display.

Capacity

Percentage of capacity for sections:



<20%

20%-40%

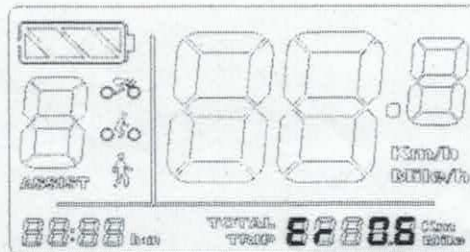
40%-60%

60%-80%

80%-100%

Error code

When something goes wrong with system, error code will flash on scree. Check details on attached list.



Attached list

Error code definition :

serial number	show	meaning	serial number	show	meaning
1	04	Throttle no homing	7	10	Controller overheat
2	05	Throttle abnormality	8	11	Temperature sensor abnormality
3	06	Low voltage protection	9	12	Current sensor abnormality
4	07	Over voltage protection	10	21	Speed sensor abnormality
5	08	Hall sensor abnormality	11	22	Communication abnormality in BMS
6	09	Phase line abnormality			

Attention: Vehicle stops working in case of any error.

Only when error is gone, can vehicle work again.

Caution

Drive careful and do not crash the instrument.

FAQ

Q: Why can't it be on?

A: Please check power on/off and wires.

Q: What to do to when error?

A: Please check the probable problem according to the error code list. Please call service if user can't remove error.

Warranty

Under warranty: Warranty term 18 months.

Problems due to quality problem within 18 months.

Beyond warranty:

1. Opened display.
2. Connector gets damaged.
3. Scratch or damage on housing after delivery.
4. Wire gets scratch or broken.
5. Damage result from Irresistible accident such as fire or earthquake hazard, and other natural hazard such as thunderstrike.
6. Over warranty.