Powered By Das-Kit

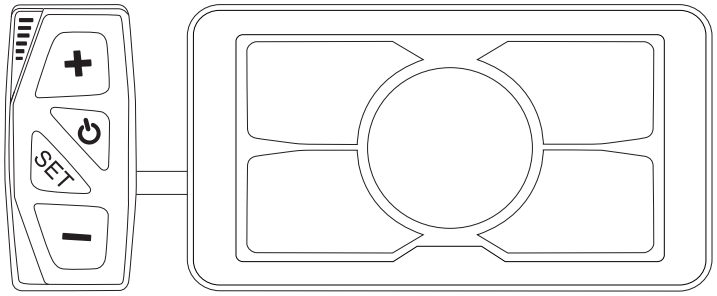
Display Set
Instruction Manual

- C7 SET -

Please read before use!

1. Included components

1. Display
2. Thumb Shift Throttle

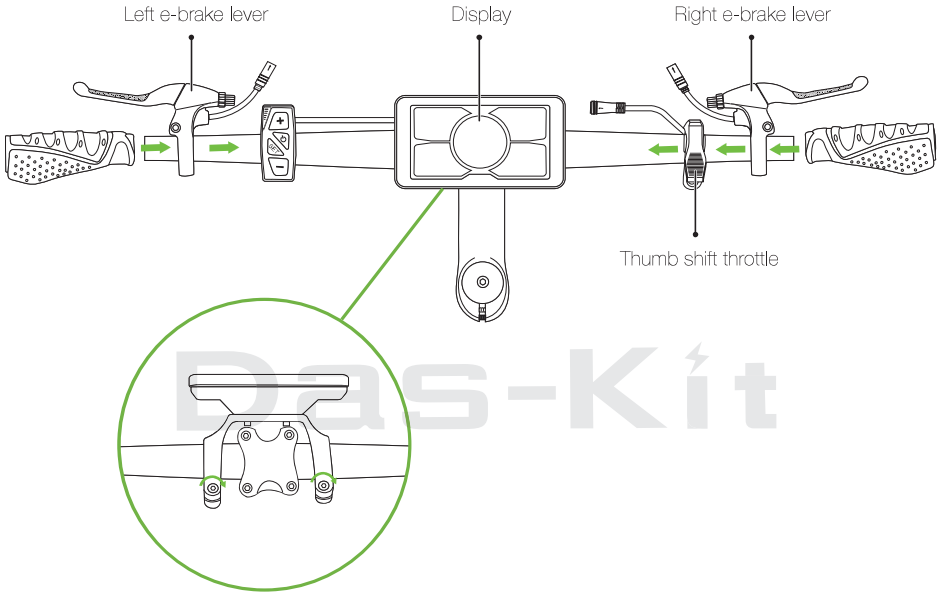


(1)

(2)

2. Assembly of handlebar components

Remove the existing handles and brake levers. Then mount the display (left), the thumb throttle lever (right) and the brake levers and handles. The installation may vary depending on the type of handlebar, so the illustration is an example.



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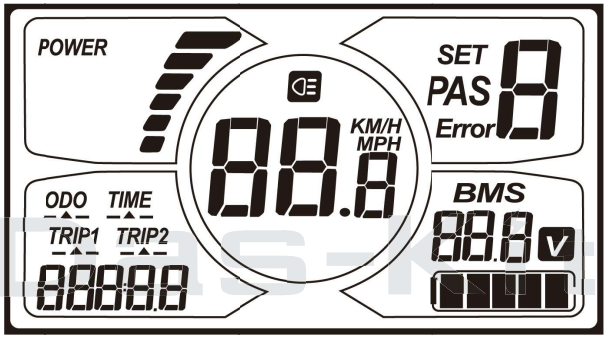
3. Display Instruction

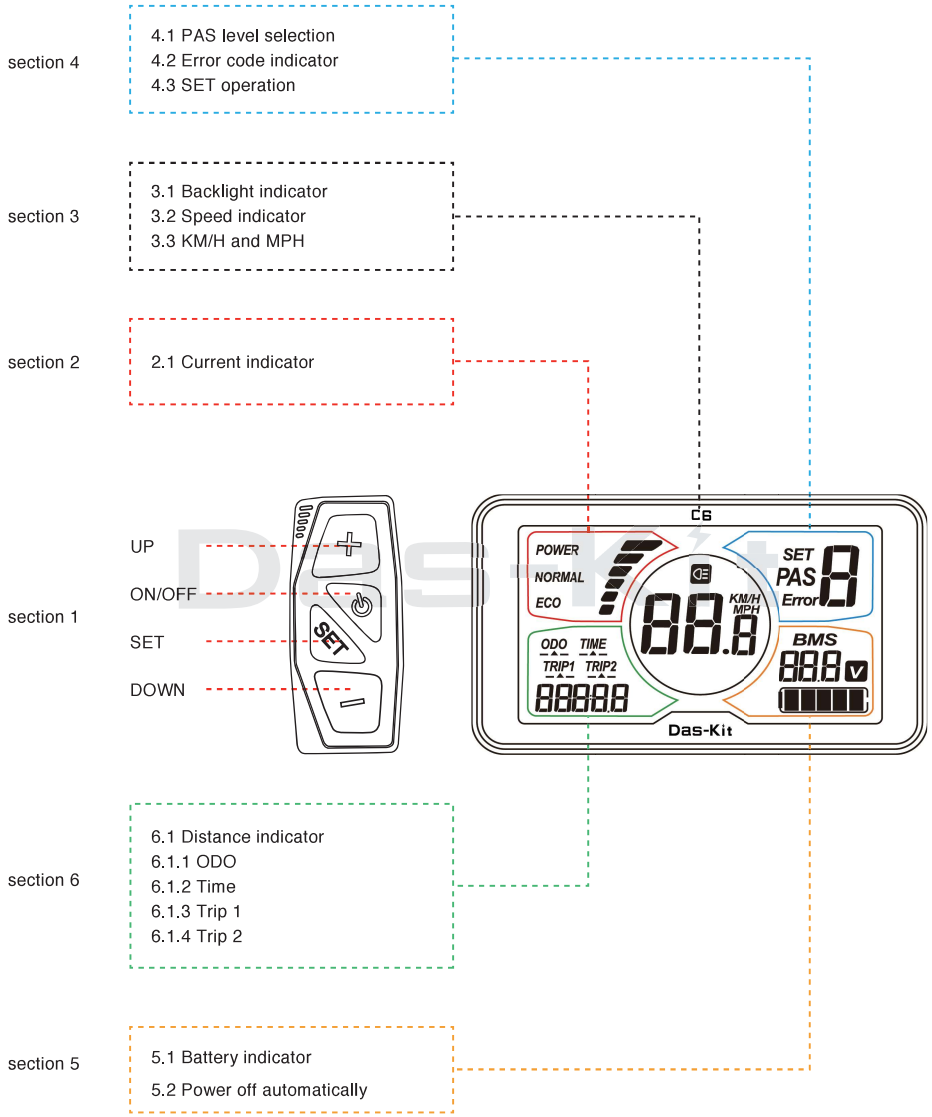
3.1 Featrues

- Easy View 4” Displau Panel.
- Superior Anodizing Aluminum Alloy Frame.
- PMMA Waterproof Cable Housing.
- Easy Control with Large Buttons.

A Better Display. A Smart Display.



3.2 Normal Operation



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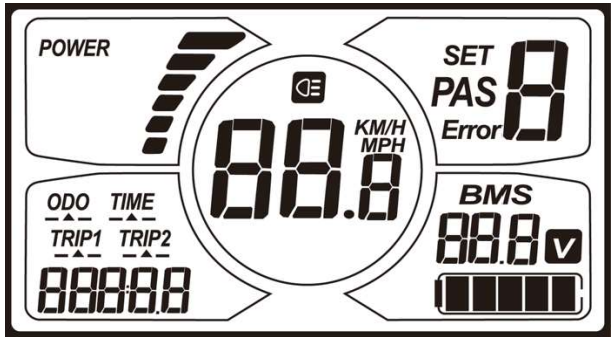
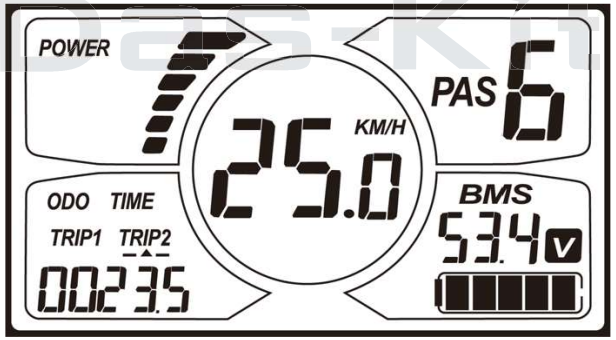
FULL VIEW AREA



NORMAL VIEW AREA

With the display on, the default indicators are riding mode, trip 2, speed, PAS level, and battery indicator as shown in the figure below.
Press SET to change the display information.



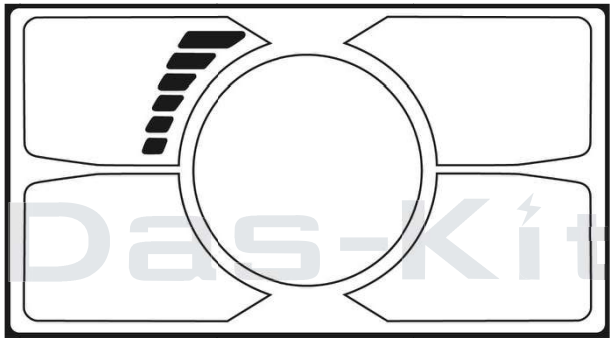
Section 1: ON/OFF

Press ON/OFF to activate the display. With the display on, press ON/OFF for 3 seconds to turn off power. With the display off, there is no battery power consumption. The leakage current is no more than 2μA.

※ The panel will power off automatically when speed is 0km/h for 5 minutes.

Section 2: CURRENT INDICATOR

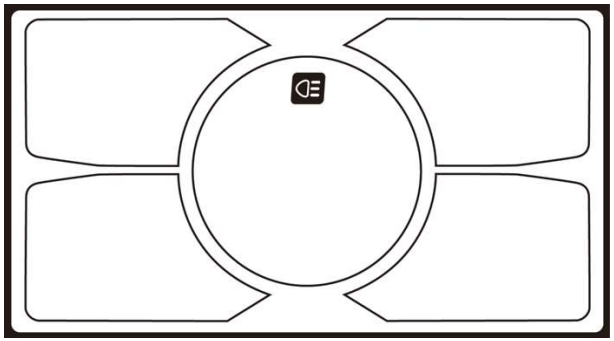
The current indicator shows the present discharging current of the controller: each segment is 2A; six segments are >=12A.
(The bar graph shows the power output of the motor in real time. 1 bar indicates low power, full bars maximum power.)



Section 3:

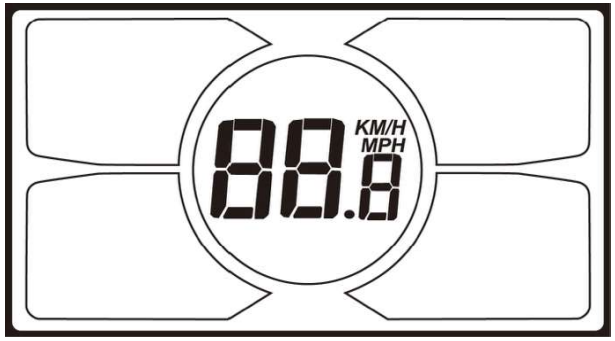
3.1 BACKLIGHT

Press ON/OFF to turn on the backlight. Press it again to turn off the backlight.



3.2 SPEED INDICATOR

The central area displays the current riding speed of the E-bike. The speed display is as below.



3.3 KM/H and MPH

Selecting KM/H or MPH for the speed and mileage will switch all indicators to the selected unit of measurement.

Section 4: OPERATION

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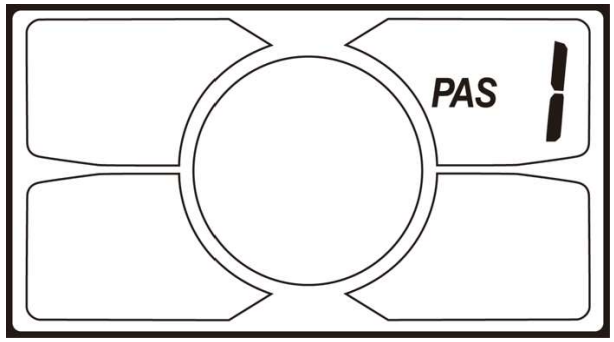
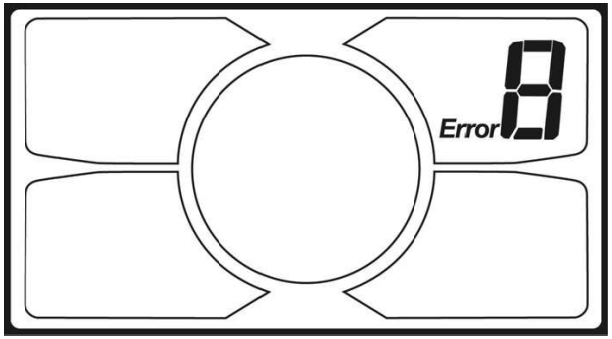
4.1 PAS LEVEL SELECTION

Press UP (+) or DOWN (-) to change the PAS level and thus change the power output of the motor. The default mode is PAS 1 and assistance ranges from level 0 to level 6. Level 0 provides no assistance from the motor.



4.2 ERROR CODE INDICATOR

If there is something wrong with the electronic control system, the display will flash at 1Hz and show the error code automatically. Different error codes represent different faults in the system; consult the error code table on the last page for details(3).



※ The display cannot return to normal status until the problem is solved; the E-bike's electric components will not operate if there is an error in the system. However, the bike can still be operated conventionally (without electric assistance).

※ Hold ON/OFF and SET at the same time to show the error code.

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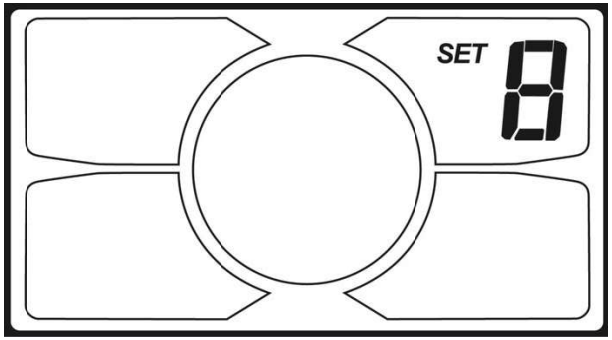
4.3 WALK MODE

Hold DOWN (-) for 2 seconds to enter the power-assisted walk mode. When the AUTO icon is lit, the E-bike will travel at 6km/h without the need for the rider to pedal. Assisted walk mode will cease when the button is no longer being pressed.

4.4 SET OPERATION

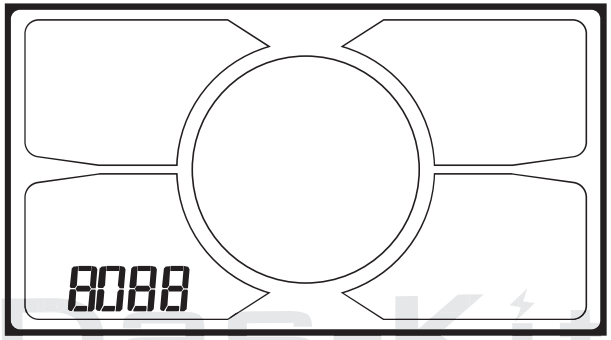
Hold SET for 5 seconds will enter SET display. Hold M alternately to set parameter. Hold UP and DOWN same time for 1 second or no operation for 5 seconds and save automatically to leave SET.



4.4.1 KM/H and MPH
In the settings: press SET until you reach the KM/H and MPH setting, press UP (+) or DOWN (-) to switch between KM/H and MPH and press SET to confirm and exit.

4.4.2 Trip Distance
Press the SET button for 2 seconds to clear Trip 1.

4.4.3 Additional Setting
Hold UP (+) and DOWN (-) at the same time for 5 seconds to bring up the SET display and enter the password; press UP (+) or DOWN (-) to change the number and SET to confirm. The password is 8088. Press SET to confirm the password and enter settings.



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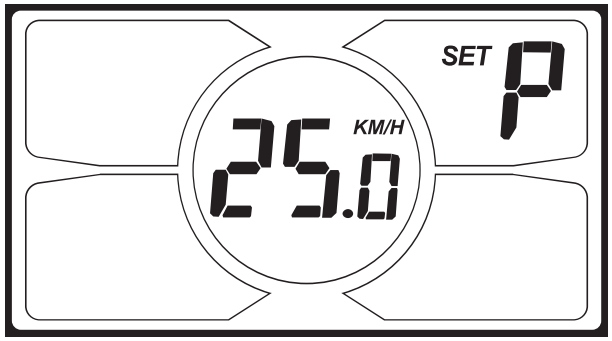
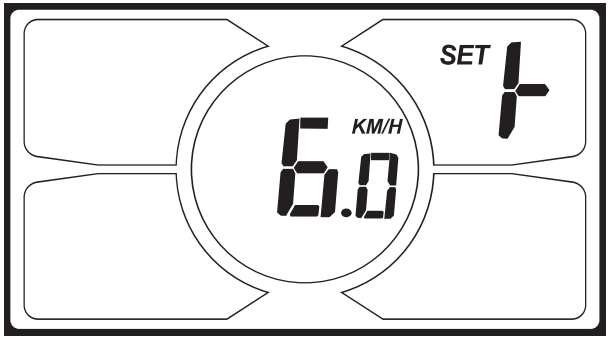
4.4.3.1 Assit Speed Setting
In the settings: press SET until you reach the assit speed mode setting, then press UP (+) or DOWN (-) to make changes.

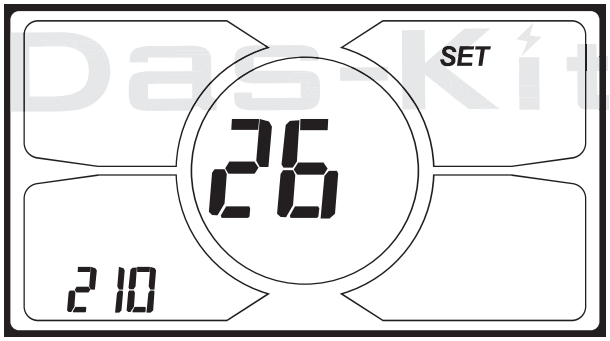


4.4.3.2 Throttle Setting
In the settings: press SET until you reach the throttle mode setting, then press the UP (+) or DOWN (-) to make changes.



4.4.3.3 ODO Setting
In the settings: hold UP (+) for 5 seconds and the display icon will flash at 1Hz, keep holding for 5 more seconds to clear the ODO data.

4.4.3.4 Wheel Diameter Setting
In the settings: press SET until you reach the wheel diameter setting. Select the correct wheel diameter value to ensure display accuracy for speed and distance. Press SET for 1 seconds to confirm and exit settings.



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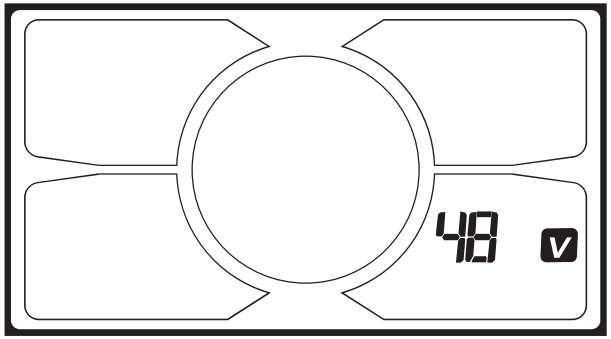
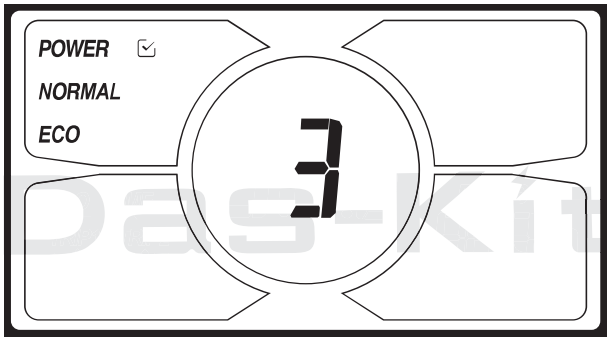
4.4.3.5 Voltage
In the settings: press SET to select the voltage setting, then press UP or DOWN to switch between 36V and 48V.



4.4.3.6 Three Riding Modes

In the settings: press SET to select the riding mode setting, then press UP or DOWN to switch between the three riding modes. This controls the maximum power output of the motor.



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Section 6:

6.1 DISTANCE INDICATOR

With the display on, press SET to select between ODO, time, trip 1 and trip 2.

6.1.1 ODO

The ODO (odometer) records the riding mileage from the very start of the display's usage;

6.1.2 Time

The riding Time indicator is automatically reset when the display is shut off.

6.1.3 Trip2

Trip 2 shows the previous riding distance for 30s after tthe display is turned on; it can be reset automatically to start to record the current session's mileage.

3.3 Error Code Table

Each error code corresponds to a specific fault in the system. Take the E-bike to your dealer to have the error resolved.

Error code	Definition
0	Normal
1	Current error or MOS (semiconductor) damaged
2	Throttle error (detection after turning on)
3	Motor missing phase (losing power)
4	Hall signal error (electromagnet in incorrect position)
5	Brake error (detection after turning on)
6	Under voltage
7	Motor stalling
8	Error in communication with controller
9	Error in communication with display

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If you still some questions about the display, please contact your NCM dealer.

⚠ **WARNING**

- please check national or local laws and regulations before installation, and always follow local traffic laws;
- please check the mechanical functionality of the kit and bike before and after installation;
- keep kit away from children and pets;

If you do not have the technical ability to correctly and safely install this kit, you should obtain the services of a professional bicycle shop or other qualified technician. Installation and use of this kit will create a vehicle that has exposed moving parts, electrical connections and high- powered batteries.

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