



# INSTALLATION MANUAL



**LCD display C961**  
**EVLCD-CMS-C961**

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Thank you for purchasing EVBIKE product and we hope that you will become a happy user. **Carefully read the entire manual prior to installation and first use!** If you find any fact in the manual that would prevent you from using our product, please contact your reseller for further discussion and keep the original packaging. The reseller will advise you how to proceed properly.

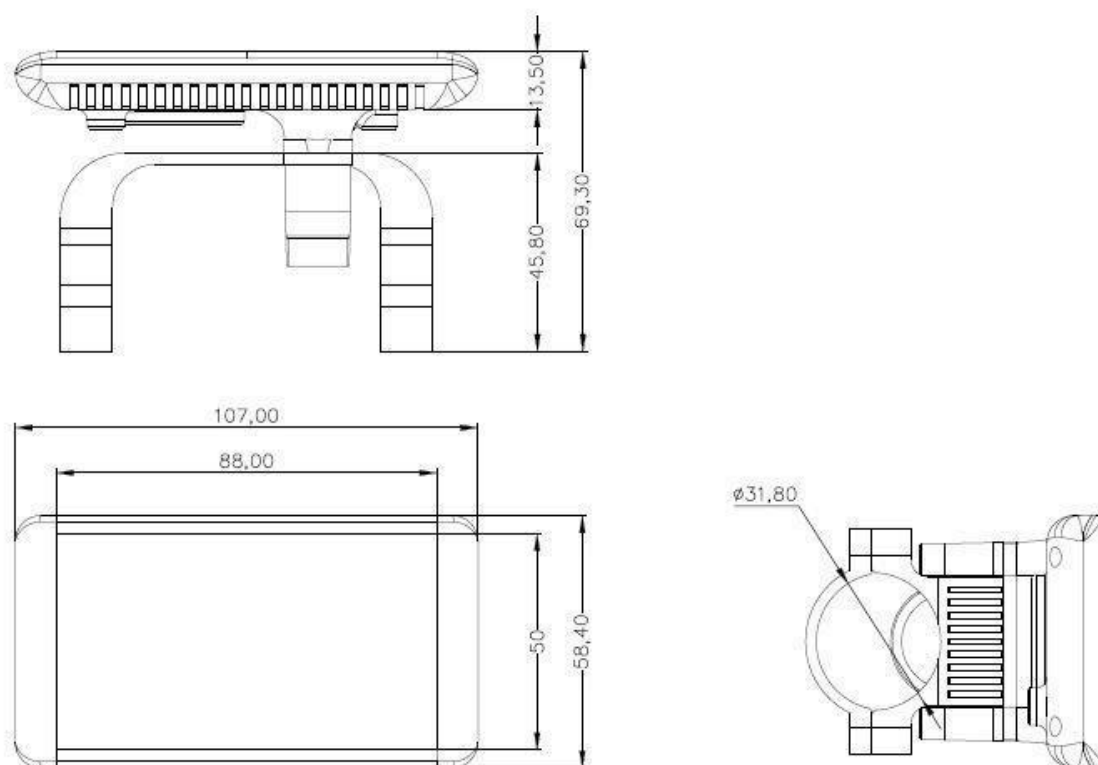
The C961 display is made of ABS and is designed to perform well under -20° to 60 ° C.

Available colors: Black.

## DIMENSION OF DISPLAY

Size (Unit: mm). Pictures – LCD display, holder for LCD display.

During instalation, is possible to use spacers to fill the gap between the handlebar and holder of the display.



During installation, use reasonable force to not break the holder.. A typical installation is shown below.

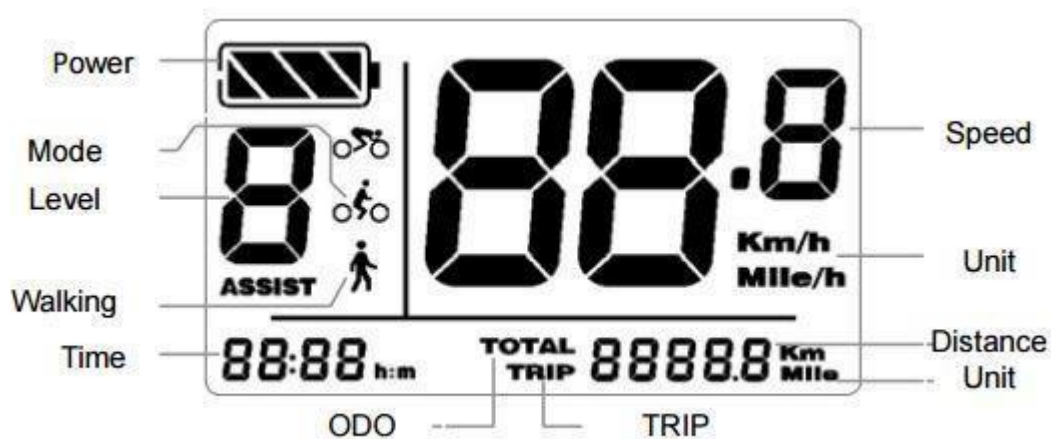
The most common site of installation of the display is in the middle of the handlebar.



## LCD CONTROL PANEL DISPLAYS:

- Multiple Power levels settings (Mode)
  - Remaining Battery Capacity
  - Speed (Speed/ MAX/AVG)
  - Distance and Odometer (TRIP/ TOTAL)
  - Time
  - Assist walking (slow speed motor assist)
  - Backlight
  - Error codes
- 

## INTERFACE:



## BUTTON:



**CAUTION!** Do not plug in or unplug this display when the power to the unit is on.



Avoid collisions



Protect the display's membrane to provide water resistant performance.



Do not attempt to reset parameters if the display is not working..



Call for service if the C961 display is not working



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## INSTALATION

Install the display and button control on the handlebar and adjust its location. Plug it into the controller with power off.

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## ON / OFF

To turn the unit on, press and hold the  button to start the display. A long press again  will switch it off.

**The display switches off automaticlly if there is no aktivty for 10 minutes (default).**

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## WALKING ASSIST



Press and hold  to start the walking assist.  You will see the walking icon on the display and the motor will move the bicycle or vehicle at 6km/h.



**This function is designed for walking alongside only. Please do not use this function when riding.**

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## BACKLIGHT



Press and hold  to turn on the C961's backlight screen. If a front light is configured as well, this will switch it on as well if front light available.. Press and hold  again to switch it off.

**Note: The automatic backlight is available only if the controller (or built-in controller) offers this function.**

**If the controller has a light sensor inside of it, the back light & front light will switch on automatically according to the level of darkness. The automatic function is off when the display is in manual mode.**

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## POWER LEVEL

The display is integrated with the controller to provide several levels of power. Press  or  to change the levels. . Default range is 0 - 3, where 0 means no output, and 3 means maximum output. The default switch-on is level 1.

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## BATTERY CAPACITY

Four sections highlights when battery is full. Percentage of capacity for sections:

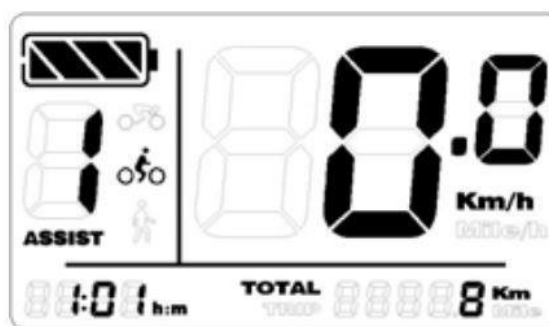
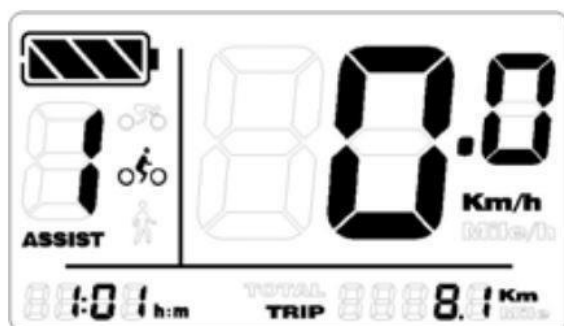


The battery icon flashes at 1 Hz when low power.

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## DISTANCE (TRIP AND ODOMETER)

Press  to shift between TRIP and TOTAL (Odometer).

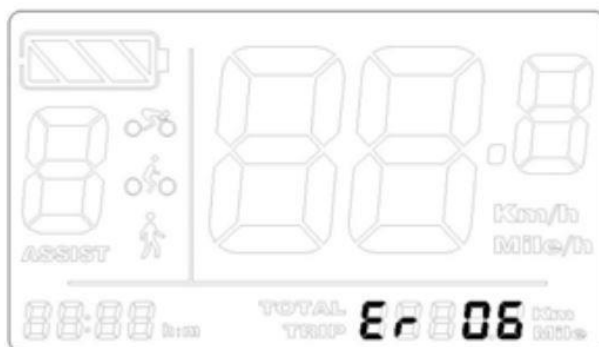


## TRIP RESET

With the power on, Press and hold both  and  clear TRIP distance. -----

## ERROR CODES

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



The motor will stop working in the event of an error. Only when the error is gone, will the motor work again.




## DISPLEY SETTINGS


### PREPARATION

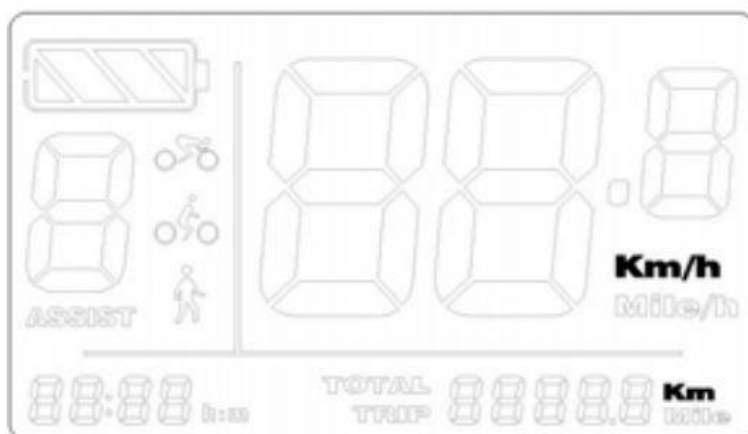
Makes sure the connections are good, then power on.


### SETTING

Press and hold  to turn on the display. Press and hold the  and  to set the mode

#### UNIT



Press  to change unit Km or Mile.

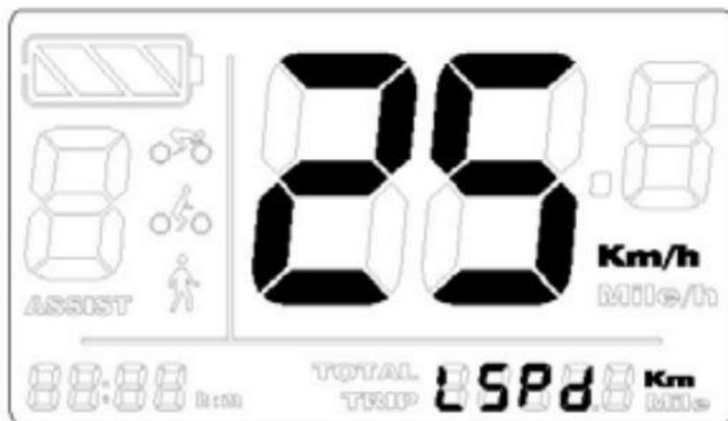



Press  to save and go to set speed.



## SETTING THE SPEED LIMIT



To limit the speed range (from 15Km/h to 40Km/h), press  or  to change the limit up or down.

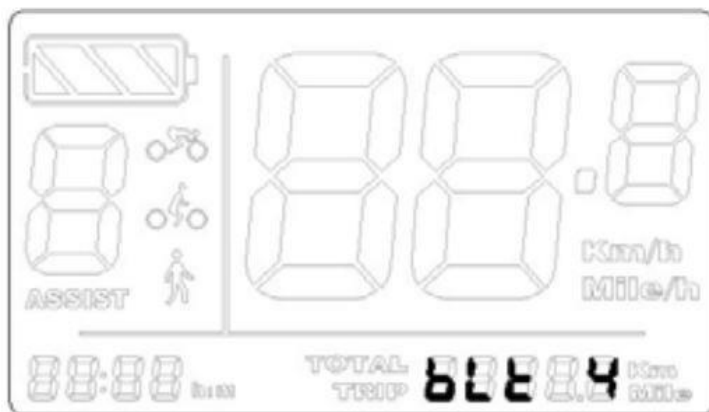



Press  to save & go to set backlight.

Note: According to the applicable legislation, the engine assistance limit is set at 25 km/h. The display is factory-set to a maximum speed of 25 km/h. An increase in the maximum speed of 25 km/h is only possible outside of public roads and at the user's own risk.

## BACKLIGHT

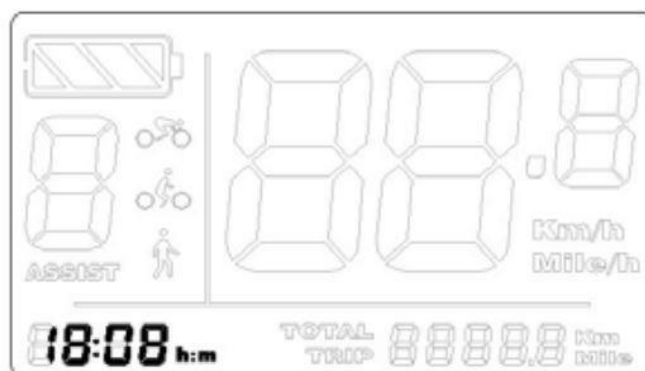
Press  or  to change the brightness (range is 1 to 8).



Press  to save & go to time setting.

## TIME

Press  or  to change the hour, then press  to save & go to the minute setting. Press  or  to change the minutes.






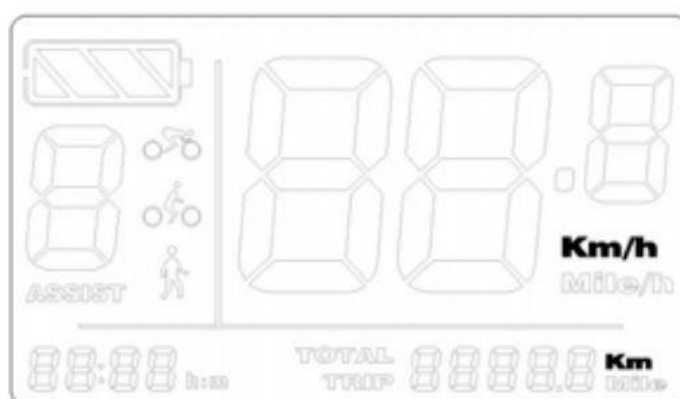
Press  to save & exit.



The settings go into effect after restart.

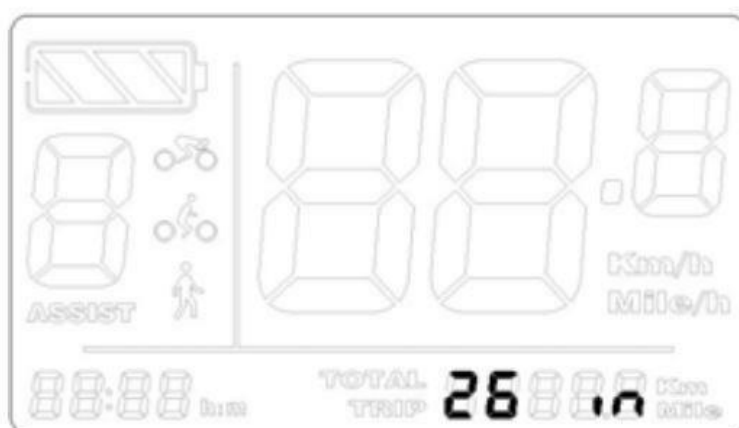
## ADVANCE SETTING

Press and hold  to start the display. Press and hold both  and  to enter setting mode.



Press  and  and do not release, meanwhile press  eight times to go to the advanced setting menu.

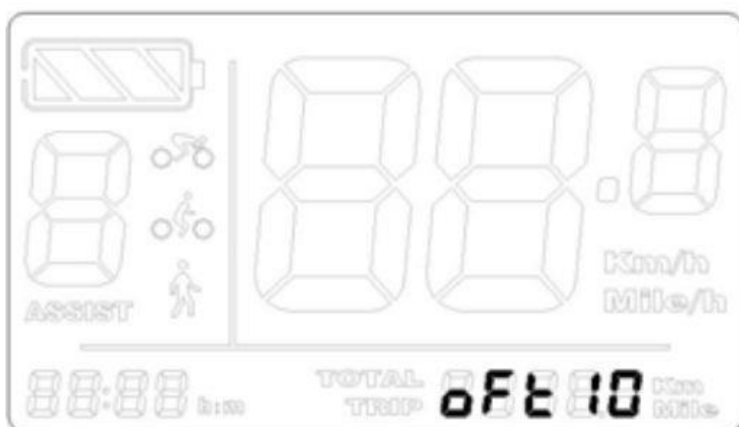
## WHEEL SIZE SETTING



Press **+** or **-** to change the wheel size. Range from 8 to 32 inch. Press to save & go to sleep time interval setting.

## Sleep time interval setting

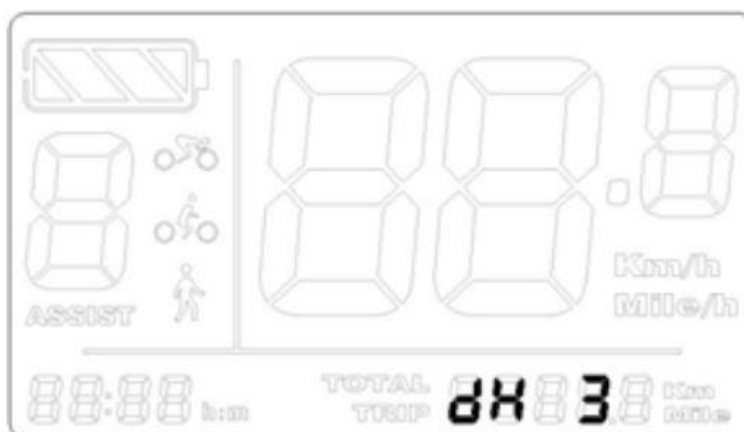
Press **+** or **-** to change the time, range from 0 to 60 minutes.




Display will sleep and cut off power after no operation on system for the selected time. Press **Power** to save and skip to level amount setting.

### Power level amount setting

Press  or  to change the amount. The range from 0 – 3 to 0 - 9 levels



Press  to save and exit.



The settings go into effect after restart.

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## FAQ

Q: Why does the display not power on?

A: Please check that the battery is connected and has power. Then check all the wires and connections. Then press the ON/OFF button again. If this fails, please see your service technician.

Q: What should I do when an error code is displayed?

A: Please check the error code list. Sometimes powering down the unit (press ON/OFF), then unplugging the display, leave it unplugged for two minutes and then plugging it back in and turning it on will reset and correct the error. Please call your service technician if the user cannot remove the error.

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## ERROR CODES

| Error | explanation                                  |
|-------|--|
| 04    | Throttle not returning to zero state         |
| 05    | Throttle abnormality                         |
| 06    | Low voltage protection                       |
| 07    | Over voltage protection                      |
| 08    | Hall sensor abnormality                      |
| 09    | Phase line abnormality                       |
| 10    | Controller overheat                          |
| 11    | Temperature sensor in controller abnormality |
| 12    | Current sensor abnormality                   |
| 21    | Speed sensor abnormality                     |