BAFANG

Manual

C961



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Preface

Dear,

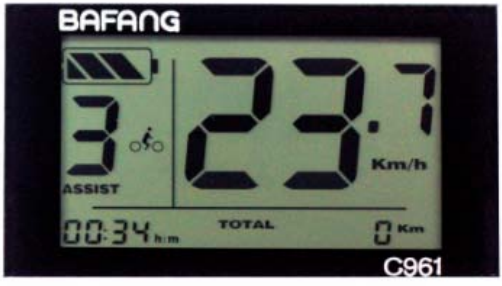
Please read this manual before using it.

Appearance and size

Material & color

C961 made of ABS is able to work well under -20℃ to 60℃. Available color: Black and white.

Picture and size (Unit: mm)



Function & button

Function

C961 gets many functions for your enjoying riding.

Show context:

◆Capacity

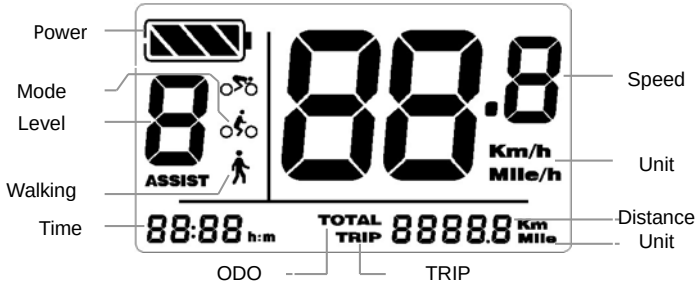
◆Speed (Speed/ MAX/AVG)

◆Distance (TRIP/ TOLTAL)

◆Time

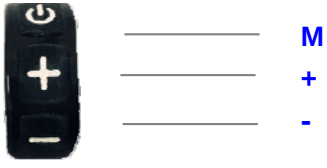
◆ Assist walking
◆Backlight
◆Error code
◆Levels setting

Interface



Button

C961 gets three buttons:



Attention:

Don’t plug in/out this display when power on.



Avoid collision.



Keep the membrane for waterproof performance.



Don’t abuse parameters resetting, in case out of working.



Call service if display out of working

Installation

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

ON/OFF

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

Display off automatically after no any operation on vehicle for ten munites (default).

Walking assist

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

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

Backlight

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

Note: Automatical backlight is available if controller gets this function.

Backlight & front light on automatically according to the lightness outside if controller gets light sensor inside. Automatical function off when manual operation on.

Level

Press (+) or (-) to change the levels. Default range 0 - 3, 0 no output, 3 max output. Default level 1 when switch on.

Capacity

Four sections highlights when battery is full.

Percentage of capacity for sections:

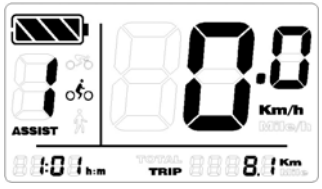


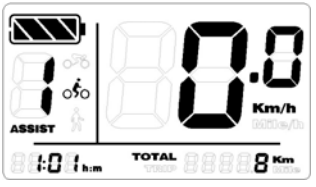
<20% 20%-40% 40%-60% 60%-80% 80%-100%

Frame flashes at 1 Hz when low power.

Distance

Press **M** to shift TRIP and TOTAL.



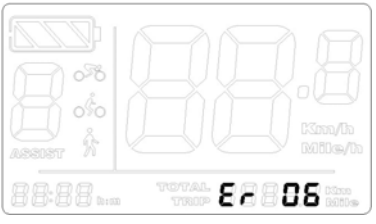


TRIP clearance

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

Error code

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



Vehicle stops working in case of any error.
Only when error is gone, can vehicle work again.

Setting

Preparation

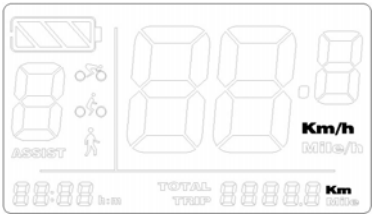
Makes sure good connection then power on.

Setting

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

Unit

Press (**+**) to change unit Km or Mile.



Press **M** to save and skip to speed setting.

Speed limit

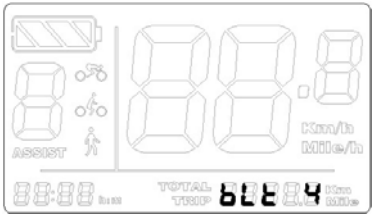
Limit range from 15Km/h to 40Km/h. Press press (**+**) or (**-**) to change the limit.



Press **M** to save and skip to backlight setting.

Backlight

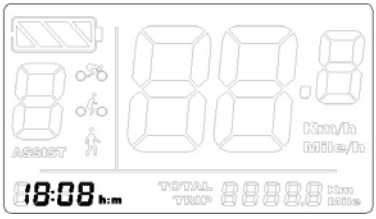
Press press (**+**) or (**-**) to change the brightness, range from 1 to 8.



Press **M** to save and skip to time setting.

Time

Press (**+**) or (**-**) to change the hour, then press **M** to minute setting, press (**+**) or (**-**) to change the minute.

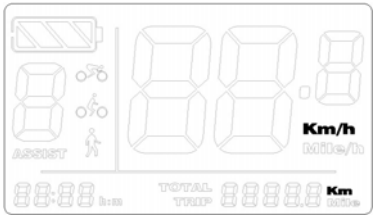


Press **M** to save and exit.

Setting effects after restart.

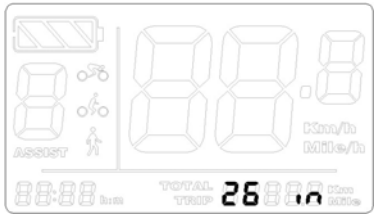
Advanced setting

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



Then press (**+**) and (**-**) and no release, meanwhile press **M** eight times, to advanced setting.

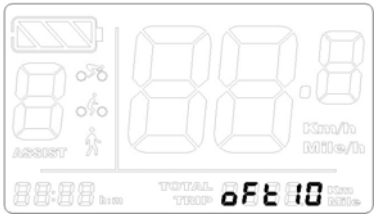
Wheel size setting



Press (**+**) or (**-**) to change the wheel size. Range from 8 to 32 inch. Press **M** to save and skip to sleep time interval setting.

Sleep time interval setting

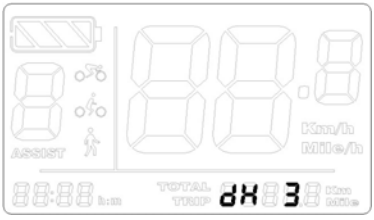
Press (**+**) or (**-**) to change the time, range from 0 to 60 munites.



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

Level amount setting

Press (**+**) or (**-**) to change the amount, range from 2 to 9 levels (excluding level 0).



Press **M** to save and exit.

Setting effects after restart.

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:

1\ Warranty term 24 months.

2\ Problems due to quality problem within 24 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 accidence such fire or earthquake hazard, and other natural hazard such as thunderstrike.

6\ Over warranty.

Software version

This C961 adopts Bafang protocol V4.0, and only comminate with controller installed this protocol. Error may happen if with other protocol.

Attached list:

Error code	Definition
04	Throttle no homing
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
22	Communication abnormality in BMS