Manual

C961

Contents

Dear Customer,

Please read this manual before using the C961 Display.

Thank you,

Lectric Cycles

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Appearance and size

The C961 display is made of ABS and is designed to perform well under -20º to 60 º C.
Available colors: Black.
Size (Unit: mm)

Functions & buttons

Functions

The C961 offers many functions for your riding pleasure.
These Include:
Multiple Power levels settings (Mode)
Remaining Battery Capacity
Speed

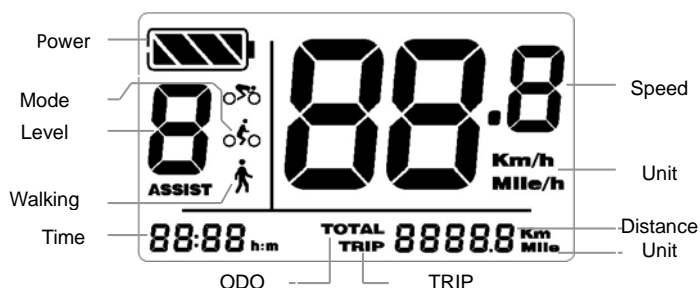Distance and Odometer (TRIP/ TOTAL)

Time

Assist walking (slow speed motor assist)

Backlight

Error codes

Interface

Power
Mode
Level
Walking
Time
ODO
TRIP
Speed
Unit
Distance
Unit

Button

C961 includes a three button electronic control switch:

⏻ Power on/off

⊞

⊟

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

Installation

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

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 automatically if there is no activity for five minutes (default).

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 4mph (6km/h).

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

Backlight

Press and hold ⊞ to turn on the C961's backlight screen.
Press and hold ⊞ again to switch it off.

Power Level

The display is integrated with the controller to provide several levels of power in Pedal Assist Mode (PAS). Press ⊞ or ⊟ to change the levels. The Default range is 0 - 5, where 0 means no output, and 5 means maximum output. The default switch on is level 0.

Battery Capacity
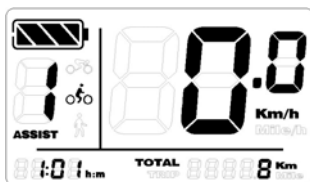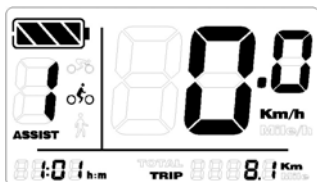
Four sections highlights when battery is full.

Percentage of capacity for sections:

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

The battery icon flashes at 1 Hz when low power.

Distance (trip and odometer)

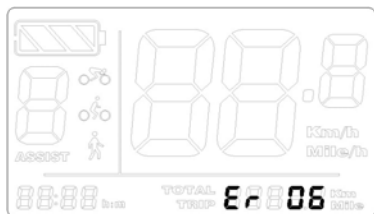Press ⏻ to shift between TRIP and TOTAL (Odometer).

TRIP Reset

With the power on, Press and hold both ⏻ and ⊟ to 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.

Error Codes:

Error code	Definition
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
22	Communication abnormality in BMS

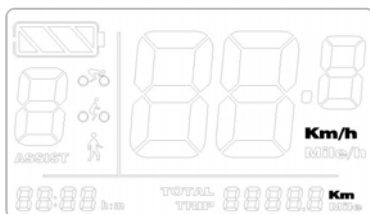## Display Settings

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 10mph to 32mph
(15-50Km/h)), press ⊞or ⊟ to change the limit up or down.

Press ⏻ to save & go to *set backlight*

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.

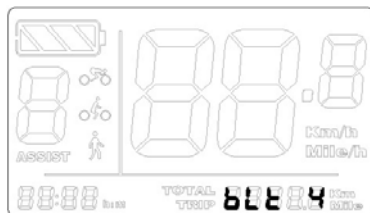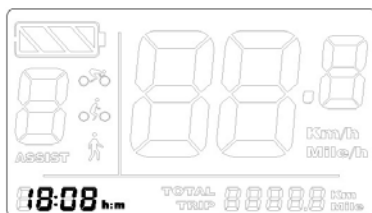Press ⏻ to save & exit.

⚠ The settings go into effect after restart.

Advanced setting

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

Press ⊞ or ⊟ and <u>do not release</u>, meanwhile press ⏻ eight
times to go to the advanced setting menu.

Wheel size setting

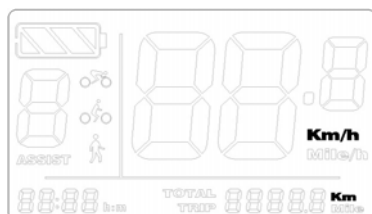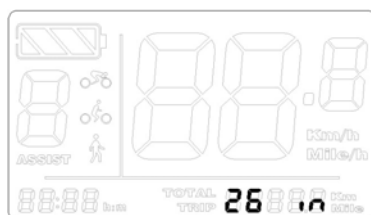Press ⊞ or ⊟ to change the wheel size. Range from 8 to 32 inch. Press ⏻ to save & go to *sleep time interval* setting.

Sleep time interval setting

Press ⊞ or ⊟ to change the time, range from 0 to 60 minutes.
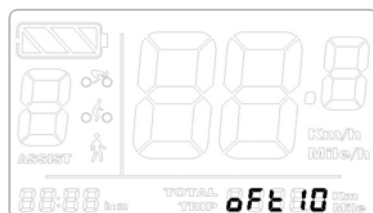
Display will sleep and cut off power after no operation on system for the selected time. Press ⏻ to save and skip to *level amount* setting.

Power level amount setting

Press ⊞ or ⊟ to change the amount. The range is from 2 to 9 levels (excluding level 0).

Press ⏻ to save and exit.

The settings go into effect after restart.

FAQ

Q: Why does the display not power on?
A: Please check that the battery is connected and has power.
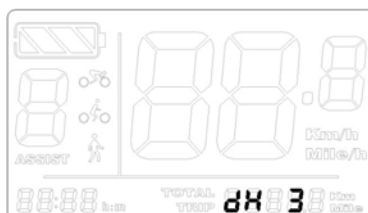Then check all the wires and connections. Then press the ⏻
button again. If this fails, please see your service technician.

Q: What should I do when an error code is displayed?
A: Please check the error code list. Sometimes powering
down the unit (press ⏻), 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.

Warranty

Lectric Cycles, LLC (hereinafter to be referred as "Lectric
Cycles") warrants that any products bought from Lectric
Cycles that are defective in materials and/or workmanship
will be repaired or replaced, as Lectric Cycles elects, if such
defect appears within the warranty period as measured from
the date of delivery from the to the purchaser. The warranty
period is 12 months.

Lectric Cycles limited warranty does not cover or apply to the following:

1) damage, failure and/or loss caused by refitting, neglect, improper maintenance, competition or commercial purpose, misuse, abuse or accident;

2) damage, failure and/or loss caused by shipping;

3) damage, failure and/or loss caused by improper installation, adjusting or repairing.

4) damage, failure and/or loss exclusive to material and workmanship, e.g. , failure to follow instructions by consumers；

5) damage, failure, change and/or loss caused to the product's appearance and surface which does not affect its function.

6) damage, failure and/or loss caused by unauthorized service or installation；

7) damage, failure or loss caused by normal wear and tear

8) damage, failure or loss caused by events beyond the control of Lectric Cycles

Lectric Cycles reserves the right to, and is only responsible for, repairing or replacing the warranted products. All removal, replacement and return-to-factory shipping expenses incurred during the warranty process shall be paid by the customer. Lectric Cycles reserves the right to partially or completely modify the warranty without prior notice.

Software version

This C961 adopts Bafang protocol V4.0, and is only warranted to work with a Bafang controller installed with this protocol. Errors may occur if used with other protocols.