

Cargo and Ice Cream Trike Bike – Controller Settings







Functions of the display include.

- Speed
- Pedal assist power
- Battery remaining
- Malfunction display of error codes
- Total odometer
- Trip odometer
- Cruise
- Lights on and off

Controller setting functions include.






- Power switch
- Light switch
- Walk mode
- Cruise control
- 5 levels of pedal assist
- Highest speed setting
- Automatic sleep setting




Key Descriptions

	On and off key, also used in programming
	Cruise key, walk key, also used in programming
	Adjust the pedal assist level upwards, also used in programming
	Adjust the pedal assist level downwards, also used in programming

NOTE: the keys have 2 functions including short press and long press

Button Functions for riding

	<p>Activate the electric system by switching on the battery. The taillight will automatically turn on as a sign that the system is powered on.</p>
	<p>Long press the on and off button to turn the electrical system off.</p>
<p>Pedal Assist Function Information</p> <p>Upon initial activation, the tricycle's pedal assist will be set to level 1, the slowest setting, providing an approximate speed of 6 km/h.</p> <p>To engage the electric motor, rotate the pedals about $\frac{1}{2}$ to $\frac{3}{4}$ of a turn in the normal direction. This feature is added for safety, avoiding any sudden acceleration while getting on or off the tricycle.</p> <p>The electric assist will only remain active while pedaling. If you stop pedaling, the electric assistance will cease, and the tricycle will roll until you resume pedaling. Applying either brake will also disengage the electric assistance.</p> <p>The electric assistance can be adjusted at any time during the ride using the buttons provided, allowing you to increase or decrease speed.</p> <p>You can also ride the tricycle without electric assistance by setting it to 0, allowing you to use the LCD display screen's functions while riding the tricycle like a standard non-powered tricycle.</p>	
	<p>Short press when riding adjusts the level of pedal assist and therefore the speed you are riding.</p> <p>Example short press S+ button three times will increase the pedal assistance level to 3.</p>
	<p>Short press S- button once will reduce setting to two and so on.</p> <p>Available assistance levels are 1 to 5.</p>
	<p>Walk Mode Activation, When the tricycle is stopped, press and hold the C button to enter Walk Mode. The tricycle will move at approximately 6 km/h without the need for pedaling, until either the brakes are engaged or the button is released.</p>

Additional Functions	
	Long Press the S+ button and the display will show the maximum speed, press it again and it will show the average speed.
	Short press the C button and it will turn on the headlights (if equipped). Short press the C button and it will turn off the headlights.
	Short press the on and off button to cycle through the following settings. Odometer, trip, vol, cur and timer 1 which shows the riding time since the unit was turned on.

Settings

Caution Regarding Settings Adjustment

Avoid adjusting the settings, as doing so may cause damage to your tricycle. Settings should only be modified by a specialist for maintenance purposes. Note that the settings can vary between production batches. Trike Bike takes no responsibility for damages or improper use resulting from adjustments to the settings.

Turn ON the electronic display, Press S+ and S– buttons together to enter setup

Change settings, press C to confirm the setting and press on/off button to proceed to next option.

- P01: Wheel diameter inches
- P02: Pedal assist pickup magnets
- P03: Display backlighting. 1 = darkest, 3 = brightest
- P04: Display speeds. 0 = kph, 1 = mph
- P05: Battery voltage. Default is 36 V
- P06: Sleep timer to turn electrical system off. Default is 5 minutes
- P07: highest speed limit, kph
- P08: Hoare speed model
- P09: Lowest voltage setting
- P10: Moto model setting
- P11: Overvoltage setting
- P12: Current limit value
- P13: Electric switch lock

Error Codes

- E0: Normal
- E6: Low Battery
- E7: Motor Failure, The LCD display can function either with or without a Hall sensor, but if the Controller is not connected to the Motor Hall, the LCD display will show the error code E7. Although the Motor, Controller, and LCD display can work together, the error code E7 will still be displayed. To avoid this issue, it is recommended to use a motor with a Hall sensor.
- E8: Throttle Failure
- E9: Controller Failure
- E10: Communications Receiving Failure
 1. Your controller communication protocol is not suitable for this display.
 2. Incorrect line order
 3. The connector pins are not firm
- E11: Communications Sending Failure

End