**LED Status Indicator**

**LED Blink Codes:**

At power up, # of green blinks indicates configured throttle type:

1 Green = 0-5k
4 Green = EZ-GO inductive (ITS)
7 Green = CLUBCAR 5K-0, 3-wire

**Normal display status:**

Solid Green: Controller ready to run
Solid Red: Controller in programming mode
Solid Yellow: Controller throttle is wide open, controller is supplying max output, and is not in current limit.

**Trouble Shooting**

**Error code display:** # of RED blinks indicates any error conditions that might exist:

1 Red = Throttle Position Sensor Over Range. Check for open wires.
2 Red = Under Temperature. Controller below -25C
3 Red = HPD. Throttle hasn't gone to zero during this power on cycle.
4 Red = Over Temperature. Controller over 95C
5 Red = unused
6 Red = Battery Under Voltage detected. Battery V < under voltage slider
7 Red = Battery Over Voltage detected. Battery V > over-voltage slider

**LIMITED WARRANTY**

Alltrax, Inc., (hereafter Alltrax) warrants that the product purchased is free from defects in materials or workmanship for a period of 2 years from the date of manufacture. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs, improper installation, submersion, alterations or use contrary to any instructions provided by Alltrax in verbal or written form.

In the event you should need warranty repair, contact Alltrax at (541) 476-3565 to receive warranty service authorization instructions for returning the defective product to Alltrax for evaluation. Products or parts shipped by customer to Alltrax must be sent postage paid and packaged appropriately for safe shipment. Alltrax is not responsible for customer products received without warranty service authorization and may be rejected.

Alltrax reserves the right to repair or replace merchandise at its option at no cost to the customer, except for shipping costs of sending the defect item to Alltrax. Replacement shall mean furnishing the customer with a new equivalent product to the defective item. Alltrax also reserves the right to make changes to any of its products or specifications without notice.

Alltrax assumes no liability for applications assistance or customer product design. Customers shall be responsible for evaluating the appropriateness of the use of any Alltrax product in any application. Customers shall provide adequate design and operating safeguards that are in compliance with standard practices of other similar applications or any standards of any governing agency.

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NPX Series Non-Programmable Motor Controller

Our NPX Series motor controllers are designed to be stock replacement controllers for stock cars only. With a peak current rating they are not designed for lifted or high performance vehicles. For a high performance controller order our AXE Series motor controllers. NPX controllers are not programmable and must be ordered for the exact car you are installing them in.

Safety Notes:

Alltrax recommends that all motor controller applications must have a fuse in the battery circuit. Failure to utilize a fuse will result in injury, property damage, and void all warranties. Approved fuses manufactured by Bussman or Littelfuse: Controllers rated at 400 amps (or less) use ANN250 Fuse. On controllers rated at 450 amps (or more) use ANN400. [See: Doc100-016-A_OP-Fuse-Install-Guide.doc]

Alltrax also recommends a diode across the coil of the solenoid (Cathode to Positive, Anode to Negative) if it is not already installed. A minimum of a 100V 1A diode (a 1N4004 is suitable) is required. See complete wiring diagrams for orientation.

Working on electric vehicles, sudden unexpected events can occur, it is recommended to:

- Place the drive axle on jack stands—wheels off the floor
- When working on wiring or batteries, always remove rings and watches and use the proper safety equipment, eye protection, and insulated tools
- Disconnect batteries before installing or working on the controller