

Application

Understanding Auxiliary / PTO configuration in Geotab

Terminology:

Open: Reads as neither a negative nor a positive, and has an infinite resistance.

Negative: Reads as ground, and has a zero resistance to ground.

Positive: Reads as 12 volts.

[Specifications Sheet](#)

A negative triggered circuit typically:

Rests at Open and switches to Negative

or

Rests at Positive and switches to Negative

A positive triggered circuit typically:

Rests at Open and switches to Positive

or

Rests at Negative and switches to Positive

Factory Settings

All eight auxiliary inputs come factory set as Negative triggers.

Here is how it works: When the auxiliary is Open or Positive then it will appear as OFF (or 0) within MyGeotab while when the auxiliary is Negative (grounded, 0V) then it will appear as ON (or 1) within MyGeotab.

Inverting Auxiliary Logic within MyGeotab

Any of the eight auxiliaries can be inverted within MyGeotab by clicking on the input to save it as Aux ON (1) and vice versa: receives Aux OFF (0) from the device it will

Application

Geotab Configurable

One of the first 4 auxiliary inputs will be hardwired to be Positive inputs. It will appear as 0V when it is positive and 0V when it is open or negative.

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Author: n/a

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