



## EMF / RF MEASUREMENT, MITIGATION AND GROUNDING SPECIALISTS

**2Ground**  
P.O. Box 22006  
11500 Tecumseh Rd. E.  
Windsor, ON, N8N 5G6  
Canada  
1-519-300-1554  
Mon-Sat 9:00a.m. to 5:00p.m.  
[www.2ground.com](http://www.2ground.com)  
e-mail: [sales@2ground.com](mailto:sales@2ground.com)

### Operating Instructions for the Gen3 Adjustable Frequency and Pulse Controller

Congratulations on receiving your new **Gen3 Adjustable Frequency and Pulse Controller**!

Your System has been pre-programmed for 1 second ON, 1 second OFF operation.

Should you decide to change these values, please follow the instructions below carefully.

When looking at the **Controller**, note the 3 buttons on the left side.

There is an up arrow, a SET button and a down arrow.

On the bottom right side is a POWER (or RESET) button.

On the top right side is a RED LED light labeled OUT that comes ON when the current is flowing through the coil.

See Fig.1 below.



Fig.1

#### To adjust the ON-OFF times while the Timers are running:

- 1) Lightly press the SET button, the RED LED flashes. Adjust the ON time up or down with the arrow buttons. It is in 1/10 seconds mode
- 2) Lightly press the SET button again, the GREEN LED flashes. Adjust the OFF time up or down with the arrow buttons. It is in 1/10 seconds mode
- 3) After 5 seconds or so, it will start running, infinite loop, with the times you have set.



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### To confirm that the Controller is in the correct Program:

Ideally, you should never have to perform this sequence of button presses, but just in case it gets out of sequence, follow the steps below.

- 1) Firmly press and HOLD the SET button until the top RED LED reads P0, then let go of the SET button
- 2) Arrow up or down until the bottom GREEN LED reads 0
- 3) Lightly press the SET button, just long enough so the top RED LED reads P1
- 4) Arrow up or down until the bottom GREEN LED reads 5
- 5) after 5 seconds or so, it will start running, loop, with the times you have set.

**Essentially, you want P0 = 0 and P1 = 5 for 1/10 seconds timing, infinite loop mode**

See Fig.2 and Fig.3 below.



Fig.2



Fig.3

The timer values are retained even when powered OFF.

It is recommended to use the Setup for 15 - 30 minutes maximum per session, a few times per week. Experiment with times between 0.1 to 5 seconds ON and 0.1 to 20 seconds OFF, for starters.

If you wish, view the YouTube video at the link below for a simple explanation as well:

<https://www.youtube.com/watch?v=3oXBG6Le64Q>

Thank you from all of us at <http://2ground.com/>