

# Ground Loop Isolator #10008

## ***Overview of Ground Loops***

If you experience hum, noise, loss of audio and 'motor-boating", you may have a ground loop. Ground loops occur due to AC voltage differences (usually 60 or 120 Hz) between the various grounds of your particular electrical setup in your area.

The easiest way to cure this problem is to break up the ground loop using a ground loop isolator (GLI). This device allows the audio through without an electrical connection by using the magnetic coupling of a small transformer. The GLI is mounted inside the Procaster box between the audio wires and the terminal block.

The GLI is small module with a pair of orange wires (input) and green wires (output) and comes with 2 wire nuts.



## ***Installation***

### ***Inside the Procaster:***

1. At the terminal block - remove the yellow wire from AUD+ and connect to either of the orange wires of the GLI using a wire nut.
2. At the terminal block - remove the black wire from AUD- and connect to the other orange wire of the GLI using a wire nut.
3. Connect the green wires of the GLI to AUD+ and AUD- of the terminal block.  
Note: either green wire can be connected to AUD+ and AUD-.