

How to adjust the motor driver current

WARNING!! Please pay attention to the direction of the motor driver module, incorrect direction will damage the control board!!!!

You may need to adjust the drive current because a couple of reasons, for example, difference of the stepper motors, the hot bed weight, etc., you can rotate the potentiometer on the driver module to adjust the current.

NOTE: Too small drive current may cause lost step or abnormal noise. Too big current may damage the driver module because it is over heat!

Recommended current of stepper motors:

X Y& Z motor: 0.8A

Extruder motor: 0.6A (for Titan extruders)

If you want to adjust the current of the motor driver module, please measure the voltage (**Vref**) on the potentiometer with a multimeter (as below picture), DC Voltage Gears.

For 4988 driver module:

$I_{\text{motor}} = V_{\text{ref}} * 1.25$

