

How to change the direction of motion of a stepper motor

Step1: Open the config.txt file in the SD card.

Step2: Find alpha_dir_pin

Step3: add ! or remove ! , then save config.txt.

for example :

```
alpha_dir_pin                0.5                # Pin for alpha stepper direction
alpha_dir_pin                0.5!              # Pin for alpha stepper direction
```

```
# Stepper module pins ( ports, and pin numbers, appending "!" to the number will invert a pin )
# X axis
alpha_steps_per_mm        80                # Steps per mm for alpha stepper
alpha_step_pin            2.0              # Pin for alpha stepper step signal
alpha_dir_pin             0.5              # Pin for alpha stepper direction
alpha_en_pin              0.4              # Pin for alpha enable pin 0.10
# alpha_current            1.4              # X stepper motor current
x_axis_max_speed         60000           # mm/min
alpha_max_rate            60000           # mm/min actuator max speed
alpha_acceleration        6000            # mm/sec^2
```

Step4: Press the reset button on the control board. When the reset is completed, the direction of the stepper motor will change.