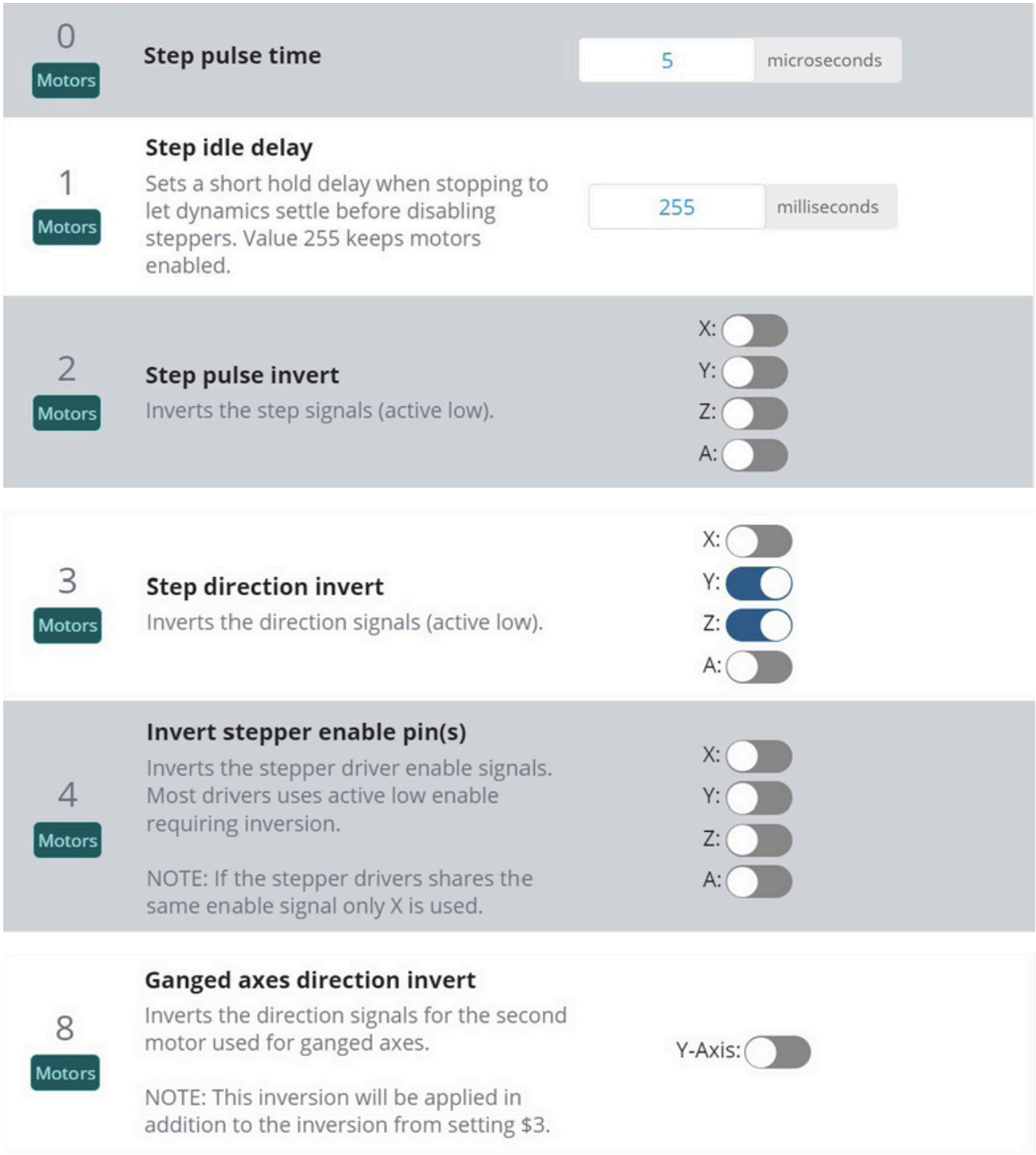
Default Firmware Settings for Correct Motor Behaviour

Please report it to us then try to either power-cycle the board or reset it back to the Firmware defaults by sending the “$RST=$” command in the console or click Restore Defaults



29 Motors

Pulse delay

Step pulse delay.

Normally leave this at 0 as there is an implicit delay on direction changes when AMASS is active.

0 microseconds

37 Motors

Steppers deenergize

Specifies which steppers not to disable when stopped.

X: Y: Z: A:

100 X-axis

X-axis travel resolution

Travel resolution in steps per millimeter.

320 step/mm

101 Y-axis

Y-axis travel resolution

Travel resolution in steps per millimeter.

320 step/mm

102 Z-axis

Z-axis travel resolution

Travel resolution in steps per millimeter.

200 step/mm

110 X-axis

X-axis maximum rate

Maximum rate. Used as G0 rapid rate.

15000 mm/min

111 Y-axis

Y-axis maximum rate

Maximum rate. Used as G0 rapid rate.

15000 mm/min

112 Z-axis

Z-axis maximum rate

Maximum rate. Used as G0 rapid rate.

6000 mm/min

120 X-axis

X-axis acceleration

Acceleration. Used for motion planning to not exceed motor torque and lose steps.

1500 mm/sec^2

121 Y-axis

Y-axis acceleration

Acceleration. Used for motion planning to not exceed motor torque and lose steps.

1500 mm/sec^2

122 Z-axis

Z-axis acceleration

Acceleration. Used for motion planning to not exceed motor torque and lose steps.

1500 mm/sec^2