

Addendum - Model MLP08501

Model MLP08501 has the same functionality of the MLP08641 with the exception of the divisors that are available. With the MLP08501, divisors of 1,2,5,10,25 and 50 giving the ability to have step resolutions of 200, 400, 1000, 2000, 5000 and 10,000 steps/revolution. All other operational and specification information can be found in the MLP08641 Users Guide.

Microstep Selection (SW1 Settings)

Switches 2, 3 and 4, of the DIP switch select the microstep resolution of the driver. Table 1 shows the standard resolution values along with the associated positions for the select switches. The standard waveforms are sinusoidal. The steps/rev are based on a 200 step/rev motor.

Resolution	Steps/Rev	Select 1	Select 2	Select 3	Select 4	Auto Reduce Current
1	200	OFF	ON	ON	ON	Disabled
2	400	OFF	ON	ON	OFF	Disabled
5	1000	OFF	ON	OFF	ON	Disabled
10	2000	OFF	OFF	ON	ON	Disabled
25	5000	OFF	OFF	OFF	ON	Disabled
50	10000	OFF	OFF	OFF	OFF	Disabled
1	200	ON	ON	ON	ON	Enabled
2	400	ON	ON	ON	OFF	Enabled
5	1000	ON	ON	OFF	ON	Enabled
10	2000	ON	OFF	ON	ON	Enabled
25	5000	ON	OFF	OFF	ON	Enabled
50	10000	ON	OFF	OFF	OFF	Enabled

Table 1: Microstep selection on switch 1