Command:ENSYNC (ES)

MS2000 or RM2000 syntax

Shortcut	ES
Format	ENSYNC [axis]=[position in mm]…
Units	position in millimeter
Remembered	Using SS Z

Tiger syntax

Shortcut	ES
Format	ENSYNC [axis]=[position in mm]…
Units	position in millimeter
Type	Axis-Specific
Remembered	Using [addr#]SS Z

This command lets the user set a position, in millimeters - absolute, which will toggle a TTL output when the stage crosses that position. When ENSYNC is issued, the TTL output is reset low. Whenever the stage crosses the ENSYNC position, the output will toggle low to high and if crossed again, from high to low. ENSYNC will only work with one axis at a time, either X or Y and depends on how JP1 is jumped.

On MS2000

(JP1-1&2 = X axis, JP1 – 2&3 = Y axis) The TTL output is available on pin SV1-7. Contact ASI for additional details on these modifications

On Tiger

Need Dual Axis card Rev F3 and above. Pin is routed to the backplane. Additional hardware is needed to expose the signal. Contact ASI for additional details on these modifications

> ⚠️ Warning—units of the position info is millimeters rather than tenths of microns

commands, tiger, ms2000

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