

Oriel Motor-Mikes:

Use the Galill terminal program to move the translation stages or the rotation stage. The table below gives some useful commands you can give:

Command	Acronym	Remarks
Abort Motion	AB1	Abort motion instantly without a controlled deceleration.
Acceleration	AC25600	Sets the linear acceleration for independent moves, such as PR, PA, JG moves. The argument has to be equal or larger than 1024 and smaller than 6107840.
Begin	BGX	Start the motion in the X-direction
Deceleration	DC256000	Sets the linear deceleration for independent moves, such as PR, PA, JG moves. The argument has to be equal or larger than 1024 and smaller than 6107840.
Define Position	DP0	Sets the current motor position and the current command positions to zero.
Position Absolute	PA1000,0,0	Sets the final destination of the next move.
Position Relative	PR1000,0,0	Sets the incremental distance and direction of the next move.
Speed	SP25000	Sets the slew speed for PR, PA or HM commands. The argument needs to be between 0 and 8000000
Stop	ST	Stops the motion, i.e. decelerate and stop.
Tell Position	TP	Returns the current position of the motor.
Tell Velocity	TV	Returns the actual velocity of the motor.

60000 counts is approximately 2 mm.

180000 counts is 90 degrees.