



USB Joystick Controller

Part # MF-USBJS1



The USB Joystick Controller lets you move your mill in the X, Y, and Z directions without having to use the keyboard or mouse. Especially convenient for manual milling of one-off parts.

The USB Joystick Controller needs no additional software or drivers as it is seen by the controller (computer) as an additional keyboard.

Installation Instructions

1. The four high strength magnets let you place the controller on any ferrous metal surface.
2. Be sure to place the controller in a position where you will not be inclined to lean against it.
3. Route the USB cable in such a way as to not interfere with operation of the mill and its accessories.
4. Plug USB connector into any available USB port from Path Pilot or Mach 3 computer.
5. If you are going to place the controller on the table during operation you may want to add a USB extension.

Use of Joystick Controller

- In PathPilot® you can set the default movement operation in the STEP section of the MAIN screen.
- If in STEP mode you press the .001 button, each movement of the joystick will be .001 inches.
- If in CONT the movement of the mill will be continuous as long as you hold the joystick in that direction.
- The speed of continuous movements can be adjusted with the speed control in the STEP section of MAIN screen.

Operation

- Pressing the FAST button prior to any other control makes the movements operate at maximum speed.
- Pressing the Z+ button on the controller is the same operation as pressing the Page UP key on your keyboard.
- Pressing the Z1 button on the controller is the same operation as pressing the Page UP key on your keyboard.
- Holding the FAST button on the controller is the same operation as holding the SHIFT key on your keyboard.
- Pressing the Z1 button on the controller is the same operation as pressing the Page UP key on your keyboard.
- Moving the Joystick in the X+ direction is the same operation as holding the Right Arrow key on your keyboard.
- Moving the Joystick in the X- direction is the same operation as holding the Left Arrow key on your keyboard.
- Moving the Joystick in the Y+ direction is the same operation as holding the Up Arrow key on your keyboard.
- Moving the Joystick in the Y- direction is the same operation as holding the Down Arrow key on your keyboard.

Warning!!!

Any machine tool is potentially dangerous. The automation inherent in a CNC machine presents added risk not present in a manual mill.

Safe operation of the machine depends on its proper use and the precautions taken by the operator.

Read and understand your mills manual prior to its use. Only trained personnel with a clear and thorough understanding of its operation and safety requirements should operate any mill.

Millfast Products accepts no responsibility for machine performance or any damage or injury caused by its use. It is your responsibility to ensure you understand the implications of what you are doing and comply with any legislation and codes of practice applicable to your city, state or nation.

If you have any issues or questions feel free to send us an email at info@millfastproducts.com

