

USB - CNC Pendant Interface for Mach3

Upgraded to Servos and need a faster controller?

Need to convert your old controller to USB
and add a Hand Held Pendant ?



Just plug your controller into the interface box, plug the USB cable into your computer and it is done! Software drivers and Mach3 .XML file are included to make it even easier to convert. The whole system can be powered from a single 12V supply, or optionally powered entirely from the USB.



Features include:

- * MPG control of any axis,
- * Feed Hold, Cycle Start, Single Block
- * Z axis zero
- * 2 pre-selectable MPG resolutions
- * LED indication of all functions.
- * E/Stop button, which connects for your CNC E/Stop circuit.*
- * Button functionality can be customised in Mach3 if required.
- * MPG and adjust controls locked out in normal operation.
- * Full RS422 protocol between pendant and interface.
- * A second MPG/Encoder input available on Interface Unit
- * Up to 4 Million Steps/sec.
- * 4 Axes coordinated motion control.
- * LED Indication for Power and Processor Heartbeat

NB Due to possible differences in ground potentials, this unit should not be used where the controller is some distance from the computer, or where large Inverter driven Spindles are used. Always ensure the computer and CNC Controller are earthed to the same ground point and a good quality USB cable is used.

USB Interface provided by a Smoothstepper, supplied by Warp9 Tech Design.

The perfect accessory for the MultiTEK Slim

Whereas the Emergency Stop button will stop the software, it is important for your safety, and to meet legal safety requirements, that it is also connected, via the terminal on the Interface Box, to your machines E/Stop circuit to physically cut the power when operated.