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The new DB1V2.0 is the latest parallel port interface from Axxus Technologies.

Designed to easily interface one to four step and direction drivers to a standard parallel printer port. Also provides 5 inputs for home/limit/ e-stop switches, and 4 outputs for external devices. Connects to PC with a DB25 male to male cable. The DB1V2.0 is similar to previous versions, but much more generic for use with virtually any step and direction type driver including all Geckodrive stepper and step-servo drives. All i/o pins are pulled up to a regulated +5V using 10K pull up resistors.

The new interface now utilizes all 17 available i/o pins to the parallel port for maximum versatility.

Pin functions are grouped as follows:

Axis Outputs

Pins 2-3, 4-5, 6-7, 8-9

Configure your software to use these pins for the step and direction outputs to each axis. Each Axis connector has +5V and Gnd connections available. Various stepper drivers may require one or both of these. +5V output is 100mA max per axis.

Inputs

Pins 10,11,12,13,15

Your software will be configured to read switch inputs to these pins.

AUX. Outputs

Pins 14, 17

Relay drive outputs. Will drive any 12V relay at up to 300mA.

Pins 1, 16

5V TTL level outputs.

The J1 connector is a DB25 right angle female used with a male to male parallel cable. J2 runs in parallel with J1 and can be used for an add-a-port IDS 26 pin ribbon style connector to a remote DB25 location *see DB1 accessories.

Compatible with many popular NC control packages including Desknc, CNCpro, Master5CNC, Linux EMC*, DeskncRT, Dak's Turbo CNC, and others.
*Up to Four Axis

DB1 assembled and tested - \$60US +s/h