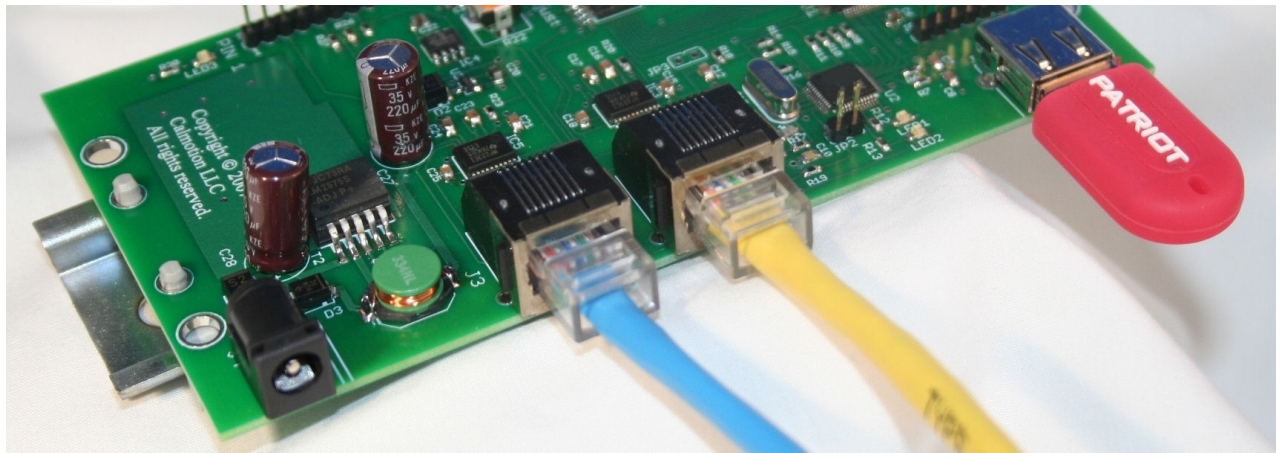


Calmotion USBCNC-FAD-SW

FADAL CNC USB Disk reader Controller with
internal RS-232 switch box function



The USBCNC-FAD disk reader control acts as an interface between commercially available USB memory and any Fadal control using the machine's RS-232 port. USB connectivity can be achieved with any version of Fadal software. Baud rate changes allow control of older machines -2 systems as well as faster baud rates for -3 and later versions. Neither software nor hardware upgrades are required on the CNC to run large files from a USB flash key.

The switcher version of the USBCNC-FAD is designed for users who wish to maintain connection of their CNC to a remote PC while adding the Calmotion USB controller to their CNC.

In pass through mode, RS-232 signals are maintained between a remote PC and the CNC for conventional serial connection. In USB mode, the Calmotion USB controller switches signals and connects to the Fadal CNC in order to perform upload, download, and DNC operation from a USB key.

Commands for the USBCNC-FAD follow the standard Fadal command set. The "+" key is pressed instead of the enter key to direct the USBCNC-FAD to take action.

Example: Tape input command. Loads file into CNC memory

```
ENTER NEXT COMMAND CD,10
ENTER NEXT COMMAND TA, JOB1.TXT+
M2
TAPE INPUT TERMINATED
ENTER NEXT COMMAND <
```

Features

- Help menu with list of USBCNC-FAD commands
- USB directory listing
- DNC (drip feed) operation
- Mid-tape start capability
- Baud rate configurable
- Punch tooling and data to USB
- Punch tooling data only
- Punch current program
- Punch all programs from CNC to USB key
- Punch machine parameters
- Punch machine survey data
- Tape input for file loading into CNC memory
- File preview command
- Delete files from USB flash key

Standard Hardware Includes:

- 1GB USB flash key.
- Modular DB25 serial connectors with CAT 5 cables
- Panel mount USB plug.
- Status LED's
- Din rail and mounting clips
- Machine magnet with USBCNC-FAD command set

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