

# USB to Serial

Technical Support Bulletin

## Recommended USB to Serial Port and connector

Last Update Sept 29, 2010

Abstract: The following USB to Serial Port devices have been tested with Allen Datagraph Cutters and found to work with the Cutter Driver and other cad systems.



This document only applies if your communication port looks like this:

### Windows recommendations:

Order from Allen Datagraph p/n H05-320 or

[http://www.synchrotech.com/product-usb/usb-serial\\_02.html](http://www.synchrotech.com/product-usb/usb-serial_02.html) \$25

<http://www.tigerdirect.com/applications/SearchTools/item-details.asp?EdpNo=166842&CatId=464> \$10

You can download drivers for the BF-810 device for windows (98 – 7) at <http://adsi-usa.com> -> tech support -> online documents -> USB to Serial Doc. & Driver (BAFO)

Additional brands that work: on Windows

Dynex Bestbuy dx-ubdb9 (\$36),

Radio Shack 26-183 (\$40) (this is now obsolete)

Circuit City/<http://thesource.ca> – (\$27) p/n 2613297

Air link 101,

ATEN model UC-232A

When installing the USB to serial the operating system will ask for the CD supplied with the device. If you are using the bafo 810 or dynex run the driver installation program from adsi web site shown above.



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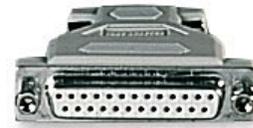


All products made in America

You will need to have both USB adapter and cutter cable as shown below.



If you purchase a Bafo BF-800 instead of a BF-810 usb to serial with a 25 pin connector you will need a 9-pin male to 25 pin female adapter Radio Shack p/n 26-287. This will be inserted between the cutter cable and the USB to Serial Device.



Port Adapter

\$6.79

Catalog #: 26-287

When purchasing a USB to serial cable the following manufacturer/models do not work with our product:

Belkin F5u409-cu  
Keyspan  
I/O Gear

When purchasing a serial port card for a pc the cards from the manufacturers have been found not to work correctly with the printer driver as they do not remember the baud rate and parity settings through a close operation. As such the spooler does not send correct data to the cutter.

Lava (single serial port)  
CompUSA (oxford) dual rs422 / rs232 with 128 byte fifo

## Mac recommendations:

I-MAC G3 450mhz os 10.4  
Flexisign 7.7 using keyspan (p/n usa-19hs) and Allen Datagraph Serial cable p/n PL-00-09-126-9