
Sideways Installation Guide for Commodore 64 and 128 Computers

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■ Selecting an Interface

The printer interfaces that are supported by Sideways are listed below:

Company	Model	Switch Settings and Special Information
Cardco	All	Phone: 316-267-6525 For all models, select Cardco on the Interface menu. For the PS model only, set switch 2 at the closed position.
Easy Print	All	Phone: 303-759-5713 Switch 3 ON; switches 1, 2, and 4 OFF.
Grappler	CD	Phone: 714-779-2772 Switches 1 and 2 OFF; switches 3, 4, and 5 ON; switches 6, 7, and 8 must be set for your printer (see your interface manual).
Micro World	MW 302	Phone: 303-987-9531 Switches 1, 2, and 4 OFF; switch 3 ON.
	MW 302C	Same as above
	Micrografix MW 350	Switches 1, 2, and 3 set for the printer you are using (see your interface manual); switches 4 and 5 ON; switch 6 OFF.

Turbo Print	GTC	Phone: 415-651-2970 Switch 1 ON; switches 2, 3, and 4 must be set for your printer (see your interface manual).
	GC	Same as the GTC.
	C	Switches 5 and 6 ON.
Tymac	Connection	Phone: 800-992-0554 Switches 1 and 2 in lower right face of interface (under paper) must be closed.
Victree	All	Phone: 415-965-2793 Pull switch forward towards computer. Then turn on your computer, disk drive, and monitor. Type in: POKE 56,128:SYS 32768:CLR and press RETURN . ENABLE 4,3 and press RETURN . KILL SAVE and press RETURN . Move the switch away from the computer. Then load the Install program and select Victree on the Install menu before running Sideways.
U Print	All	Phone: 404-872-4430 Most models need no special instruction. Early models may need an upgrade from the manufacturer.
Xetec		Phone: 913-827-0685 Select "Other Interface" on the Install menu.
	GTI	Switches 1, 2, and 3 OFF; switches A, B, and C must be set for your printer (see your interface manual).
	JR	Switches 2, 3, and 4 ON; switch 8 OFF.
	SuperGraphics	Switches 3 and 4 ON; switch 8 OFF; and the secondary address must be set at 1 (see your interface manual for information on secondary addresses).

If your interface is not listed here, select "Other Interface" on the Interface menu and follow the prompts to install Sideways with your interface. Only interfaces that plug into the disk drive will work with Sideways, and you must set your interface dip switches for transparent mode, no line feed, and a device number of 4. See your interface manual for the correct switch settings for these options.

■ Selecting a Printer

The Install program's printer selection menu will allow you to select one of the following printers:

Commodore 1525, MPS-801, MPS-803	C. Itoh Prowriter (8510/1550)
Commodore 1526, MPS-802	NEC 8023
Gemini 10X/15X, SG Series	Mannesmann Tally Printer
Epson Printers	Texas Instruments Printer
IDS Prism, Micro-prism, 460, or 560	Hewlett Packard Thinkjet
Okidata Printer	Apple Dot Matrix Printer

Your printer must have dot-addressable graphics capability in order to work with Sideways. Most of the printers listed above have this capability as a standard feature. If you have one of the following printers, see your dealer about the graphics option:

Epson MX-80 – "Grafrax" option (standard on recent models)

Okidata Microline 82/83 – "Okigraph" option

IDS/Dataproducts printers – "Dot Plot" option

If you are using an Apple Dot Matrix Printer, C. Itoh Prowriter, or NEC 8023, switch 1-7 must be CLOSED.

If you are using an IDS/Dataproducts printer, set switch 7 on Function Select DIP S4 ON.

If you are using an Okidata 84, note that Sideways only works with the "Step 2" version of this printer. If you have an older model, you can get an upgrade kit from Okidata.

You may be using a printer that is software-compatible with Epson printers (we call these “Epson lookalikes”.) In most cases, these printers will work perfectly when installed as an Epson. However, if your printer does not work, try the “Epson compatible” option which we have provided in the Epson printer menu item.

■ **Selecting the Number of Data Bits**

Sideways will send data to your printer as a series of “bytes”, each of which is 8 “bits” long. However, if your printer can only receive 7 data bits, you must specify 7 in the installation program.

Certain printers have DIP switch settings which either enable or disable the 8th bit. You should normally set these DIP switches to enable the 8th bit; however, if you disable the 8th bit in your printer, you must also select 7 data bits when installing Sideways.

■ **Selecting a Device Number**

When you install Sideways, you must indicate a device number for your printer. Most use the number 4, and this is the default setting for this option. However, if you have previously changed your printer to device number 5, use the installation program to specify 5.

■ **Spreadsheet Programs That are Compatible with the Sideways Stand-Alone Program**

Sideways is compatible with:

Better Working Spreadsheet Practicalc

Calc Now Swiftcalc

Cal-Kit Syncalc

Creative Calc Trio

Microsoft Multiplan

Sideways also works with any C-64 or 128 spreadsheet program that can create text file information (ASCII) on a disk or that interfaces with a Sideways-compatible word processor.