

Laser PC6 - getting started

On/Off switch - locate on left and turn on

Contrast adjust - locate on left

Diagnostic Menu - shows current settings

(pressing the space bar once will hold this menu on the screen)

Main Menu - press a letter to enter a program

Black Color coded keys - for word processor only

Esc key - to return to previous screens

Utilities Menu:

Set Ir for IBM/Mac & Speed (set to 1):

(G, 2, 9) & (G, 2, 7)

Set Printer (G, 2, 5) - use arrow keys to scroll

Set Auto Shutdown (G, 2, 6)

Set Clock (G, 2, 0)

Keyboarding in 3 Weeks

Each exercise represents 1 week, 20-30 min/day. This is the best way to start using the PC6's and the last exercise will automatically lead into using the word processor. After 3 weeks, your students will be accurately touch typing at 10-15 wpm!

Exercise #1 - Finger Positions by ABC

Teacher's role is to watch that students use the correct fingering.

Exercise #2 - Blends to Words

Students use arrow keys to scroll to where they left off from previous day.

Exercise #3 - Custom

1. Esc to Main Menu
2. Press "A" for Word Processor
3. Name the document "Spell"
4. Press Enter. Press 40/80 key for large text.
5. Type a spelling word list, 3 across. Press

Enter after each set of 3 words. i.e.

this this this

that that that

then then then

etc.

6. Return to Typing Tutor, Exercise #3 and select "Spell" to play spelling list.

PC6 Latest Info, Suggestions and Tips

Please read this **FIRST!** There are new features, like word prediction, not in the manual.

1. **The power switch and LCD contrast control** are on the left side of the PC6.

2. **Printing:** From the Main Menu press **G** for Utilities, then **2** for Configuration:

a. Press **5** and choose your printer, using the **Arrow** keys to scroll. Select HP Inkjet or Epson FX for all IBM type parallel printers, or the correct Mac serial printer listed (Imagewriter, Stylewriter, HP Deskwriter). ***This is the only step needed for printer setup.***

b. When printing the first page for the HP Deskjet and HP Deskwriter:

- do not insert paper, but turn the printer on without any paper
- print the file from the PC6
- when the HP stops its whirling noises, insert the paper.
- this will correctly set the top-of-form. Subsequent files will print correctly, until you power off the printer.

c. The ImageWriter, needs to be turned off and on between printing each file.

d. The Stylewriter needs to use our adapter connected to the Mac cable supplied.

e. Recent Stylewriters, i.e.the 4000 series are actually HP Deskwriters, i.e. no adapter.

3. **Auto Shutdown** - set the time in **G, 2, 6**. The setting is not saved after the PC6 is turned off. During idle use, a beep warns of shutdown. If no key is pressed in 30 sec., the PC6 turns off. Turn the power switch Off and On to restart, and return to the document through the menus.

4. **Useful Word Processor commands:**

a. **Ctrl-Z** selects Word Prediction

b. **Ctrl** and the **Right** and **Left Arrows** move the cursor a whole word

c. **Ctrl** and the **Up** and **Down Arrows** move the cursor a whole screen

d. **Delete** erases the previous letter, space or carriage return

e. **End Key** jumps to the end of a file, **Home Key** jumps to the beginning of a file

f. **Ctrl-S** spell checks the word at the cursor, **Spell Key** spell checks the whole document

g. **40/80 Key** toggles between the 40 and 80 column screen while in a WP file

h. **Ir Send Key** transmits a PC6 WP file to the optional Ir receiver, in a desktop WP file

5. **Word processor submenu:**

Print, Edit, Delete, Create. Press **E** for Edit. Although only one file shows, pressing the up or down arrows will show other files that exist. The same is true for the other commands.

6. **Word Processor Keyboard Mode and Clock Setting:**

a. Press **G** for Utilities, then **2** for Configuration.

1. Press **8** to change the keyboard mode: Normal, Sticky Keys or Foreign Accents.

a. with Sticky Keys you don't hold down the Shift or Ctrl - touching either key activates it for one keystroke with another key.

b. To make foreign accents press Ctrl or Shift plus the accent, then press the letter. The letter and the accent will then appear.

2. Key Repeat - after selecting keyboard mode, use up/down arrow to toggle on/off.

3. To set the clock for the Homework Calendar, press **0** and follow the directions.

7. PC6 file structure:

- a. Word processor files can contain up to 32K per named file, (about 14 pages of text).
- b. Up to 45 files between both the word processor and spreadsheet may be created.

8. Typing Tutor: There are 3 exercises which are self-explanatory. Directions are on-screen. Exercise #3 is a good starting point for teaching the word processor because you can enter spelling or vocabulary words in the word processor, and practice them in the typing tutor (#3).

9. InfraRed transmitting: Word processing files can be sent wirelessly into an open word processing document on your Mac or PC. Follow the directions included with the Ir receiver.

The following information is only for users who will not use the InfraRed file transfer, but prefer to use cables, or will transfer files other than word processing.

1. Tips for transferring files to an IBM using Lasercom for Windows:

Note: There is no manual for Lasercom. The readme file, located on the disk, contains instructions for installing and using Lasercom. You may install Lasercom on as many computers as you wish.

a. When exporting a file back to the PC6, save your word processor file as a text file, so that Lasercom will recognize it.

2. Some tips for very fast file transfer to a Macintosh using MacLink: *Be sure to print the Install instructions located on the MacLink disk in the "Read Me" folder before installing MacLink. The tips below are contained in this file. If you follow the Install instructions, the file transfer will be easy!*

a. You don't have to open Clarisworks or MS Works 4.0 before opening an imported PC6 file. Drag and drop the imported PC6 file onto the alias, (that you created by following the Install Instructions) - it will automatically launch and then open the file. You can use this to open multiple files at once by selecting all the imported files, and dropping them on the alias.

b. To send a Clarisworks file to the PC6, first "Save it as" an MS Works 2.0 file, since MacLink will not recognize a Clarisworks file. (Use this technique for other programs not listed in the MacLink translator list). Then delete the extension name that the word processor added to the filename, before using MacLink.

3. File transfer problems:

a. Although all the settings are set correctly as default, check the settings on both the PC6 and desktop computer to be sure they are the same baud rate, etc. In the PC6's Configuration Menu, set #2 as follows: baud rate 9600, 8 bits 1 stop, no parity, handshake none.

b. If you get a file transfer error, turn the PC6 off and then on, in order to clear its buffer.

c. Be sure to choose the correct port on the desktop for the file transfer.

On a Mac use the telephone port. If your Mac has a modem, use the printer port and change the port setting in MacLink - *Set Configurations, Special Menu*. **AppleTalk must be turned off** with the selected port.

On an IBM, in Lasercom *Settings*, select COM port 1 through 4. Be sure you are cabled into the chosen port. If you have a device using the same port, such as a modem, you will have to rearrange your port IRQ's to make an available COM port. At the c:\ type msd to determine which ports and IRQ's are in use and which are available, or with Win-95 find the settings menu. Consult your computer's manual for instructions on changing the port. (You can of course experiment by plugging into different ports and changing the setting in Lasercom to see which port works.)

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Vital Information for PC6 Users

You have 2 choices for batteries to power the PC6: 4-AA alkalines or the Ni-MH rechargeable.

If you purchased the Ni-MH (Nickel-metal Hydride) rechargeable battery, we may have installed it inside the battery compartment. **DO NOT unwrap it!** Doing so may destroy the battery and damage the PC6. If we did not install the battery, there will be a note in the battery compartment for the correct installation procedure. Please follow it exactly!

This Ni-MH is available only from Perfect Solutions for \$20, a great deal considering that it has no memory, can be recharged 1000 times over a 3-4 year period, and will last about 20 hours of continuous use on a charge. It uses a separate connector in the battery compartment, so you cannot accidentally recharge a AA alkaline (and explode it). The A/C adapter recharges this battery while it is in the PC6.

Recharging takes 12 hours. **NOTE:** The Ni-MH must be charged 24 hours for its first charge. But it's best NOT to charge it for more than 12 hours after this first charge, since the battery will continually "cycle" (recharge) after each 12 hour period, thus wasting potential charges. (This is true for any laptop, not just the PC6.)

You may recharge this battery at any time, best with the PC6 turned off. The rechargeable has no memory, but for longest overall life, it's best to recharge it when near to being low. However, it's also best NOT to wait for the "battery low" message to appear on the PC6's screen, since at that point the unit cannot be used until recharged, (unless you replace it with 4-AA's). So try to gauge your use, i.e. a once or twice per week recharging will surely be enough for typical daily school use. When not recharging, **DO NOT** plug the A/C adapter into the PC6, else the battery will trickle current back to the A/C adapter! (This is true for any laptop). Please note that every time you plug in the A/C adapter, even for one minute, this counts as a "cycle" (recharge)!

When not using the PC6 for a long period of time, i.e. the summer, fully recharge the battery before storing, and store the PC6 in a cool place, i.e. < 85 deg. Failure to recharge the battery before extended disuse will result in the battery going below it's threshold to even power the battery low message, and will result in the unit "getting stuck," losing data and not recharging properly the next time. If this happens, please call or email us and we will email you the procedure for "refreshing the PC6" to fix this problem. It's easy to do.

There are 3 Ni-MH button-cells that act to backup your data when batteries are removed or low in voltage. These have been preinstalled for you and will backup data for 3-6 months when there's NO power to the PC6, but not in the previously explained case where the battery is left to completely die. They are recharged by the PC6's power, either A/C or battery.

Never use any other A/C adapter than the one included, or you will void your 3 year warranty!

For printer setup, from the PC6's Menu, select G, 2, 5, then the arrow keys to scroll. Select Epson FX for most parallel printers, HP Deskjet Parallel if you're using an HP printer, or the correct Mac serial printer listed. This is the ONLY step needed! If you're using either an HP Deskjet or Deskwriter, please read item #2b on the sheet entitled, "PC6 Latest Info, Suggestions and Tips," for detailed printing info that is NOT contained in the manual.

When placing the PC6 in its carry case, **DO NOT** include the A/C adapter or any cables. These will damage both the keys and the LCD. Such damage is **NOT** covered by the 3 year warranty. (A new LCD costs \$75!)

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UPDATE LASER PC 6

Laser PC6's are no longer shipped with button cells
Using a rechargeable battery documents will save without
button cells
Using AA's documents will not save without button cells

LASER PC6 REFRESH Instructions

Follow same steps just skip the remove button cell
step

Remove battery

With no power (A/C adapter) to the PC6

Turn on the PC6 and leave for 15 minutes

Turn off the PC6

Plug in A/C adapter and turn PC6 back on to be sure
there is power

TURN OFF and reinsert battery

Leave PC6 off but plugged in to recharge battery

****Important that the PC 6 is plugged into
the adapter but PC6 is off when battery is
inserted****