LC 630 DOS Compatibility Card: Read Me (4/95)

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TOPIC ---

This article contains the Read Me file from the Macintosh LC 630 DOS
Compatibility Card.

DISCUSSION --

Addendum to the Macintosh User's Guide
for the Macintosh LC 630 DOS Compatible

This document contains important information about using your Macintosh LC 630
DOS Compatible that is not included in your user's guide.

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Using the Floppy Drive
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Both PC and Macintosh floppies are automatically mounted when inserted into the
floppy drive, in either operating environment. This mounting process takes a

few seconds. Macintosh users are familiar with this process; PC users will find
that they should wait a few seconds before accessing the data on the floppy
disk.

Certain DOS or Windows floppy disk utilities will not work with the DOS
Compatibility Card. These utilities attempt to exercise direct control over the
floppy drive, which they cannot do, since it is a Macintosh-controlled floppy
drive. Instead, Macintosh disk utility applications should be used.

Use of Floppy Disks as Drive Containers
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The LC630 DOS Compatible does not support the use of 3.5" floppy disks as drive
containers. Floppy disks are intended for data use only.

Startup Folder/Auto-start PC Conflict
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When two or more Macintosh applications are included in the Startup folder, be
sure that the "Auto-start PC" is not selected in the PC Setup control panel.
Under this circumstance you must switch to the PC mode manually and you must
switch only after all Macintosh startup applications have finished launching.

MIDI Transfers Supported on Macintosh Only
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The LC 630 DOS Compatible does not have the capability of sending and receiving
MIDI data through the serial port for DOS and Windows. MIDI data does travel
internally on the PC side, but when connected direct for use with a MIDI
instrument, no data will transfer. MIDI transfers are fully supported on the
Macintosh side.

Use of Two Button Mouse
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The standard Apple mouse has no right button and users must press the "extended
=" key whenever they intend to use right button functions in one of their PC
applications. However, users of a third party programmable mouse or trackball,
such as Kensington Turbo Mouse 4.0 or Logitech MouseMan ADB, can use the
utilities included with their mouse to map the "extended =" key to the right
hand button.

The Kensington Turbo Mouse 4.0 includes two utilities to configure its buttons.
They are: "Turbo Mouse Control 4.0.2" and "Turbo Mouse Basics 4.0.2". "Turbo
Mouse Control 4.0.2", an application that requires an extension, does not
effectively map the "extended =" key to the right button and should not be used.
 "Turbo Mouse Basics 4.0.2", a control panel, correctly maps the "extended ="
key to the right button and should be used instead.

Using a Flightstick Pro Joystick
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The Flightstick Pro Joystick for the Macintosh triggers the System beep 'Indigo'
when entering the DOS environment. It also triggers this sound twice upon
bootup. To correct this, remove the Indigo sound from the System file in the
Macintosh System Folder.

Bypassing the CONFIG.SYS and AUTOEXEC.BAT files
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To bypass these DOS startup files during the boot-up process, press and hold the
F5 key (Command-5 on non-extended keyboards) after the memory testing is
complete.

Installing Corel Draw
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If you allow Corel Draw to update the AUTOEXEC.BAT file, the line:
LH C:\Apple\MacShare

is replaced with the line:
C:\DOS\SHARE.EXE /L:500 /F:5100

If the former line is needed, you should edit the AUTOEXEC.BAT file to add it
back.

Using Norton Utilities
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If Norton Utilities for the Macintosh v3.0 or v3.1 is being used, the "More
Compatible" option should be chosen:

1. Go into Control Panels and Open FileSaver
2. Click More Choices
3. Click Preferences and Update Now
4. Click More Compatible
5. Click Save

Amendments to Appendix E of the Macintosh User's Guide
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On page 164 of the Macintosh User's Guide, certain steps may not exactly apply
to more recent versions of the Novell Netware Client disk set. For steps 4
through 7 of the procedure in the manual, all that matters is that the following
exceptions apply:

The Netware directory is: C:\NWCLIENT

The LASTDRIVE setting in the CONFIG.SYS file is: LASTDRIVE=Z
The AUTOEXEC.BAT file contains the line: CALL C:\NWCLIENT\STARTNET.BAT
And be sure to load the Windows support in the directory where you have loaded
Windows.

In steps 5 and 6, the defaults are already preset; you should not be required to
edit the CONFIG.SYS file to set the LASTDRIVE setting or the AUTOEXEC.BAT file
to add the CALL line.

In steps 8 through 10 of the same procedure:
Step 8 should read "To select the driver for the network board, press return".
The disk required in step 9 is the "DOS Compatibility Installer Disk for PC
Environment" disk that came with your computer.
In step 10 select the "Macintosh DOS Compatible Ethernet Adapter" and press
return.

In the section entitled "Conserving Memory", you should not need to edit the
AUTOEXEC.BAT file. The CALL line should already be included.

Using SAM 4.0
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When using SAM 4.0 for the Macintosh with the "Prompt: 'Skip' is the default
button" check box selected in the Floppy Drive preferences, inserting a floppy
while in the PC environment causes the system to hang. The floppy cannot be
accessed nor can the user switch to the Macintosh environment. To avoid this,
select the "Always scan" option.

SAM Intercept v4.0.2 Virus Checking
===================================

If you have SAM Intercept 4.0.2 running on your LC630 DOS Compatible, and you
attempt to mount a drive container on the desktop, the mouse cursor will
indicate that you have control when, in fact, you do not. (SAM Intercept is
checking the drive container for viruses but has not displayed the spinning
"beach ball" cursor.) It takes approximately two minutes to complete the virus
scan, after which the LC630 DOS Compatible will function normally. Version 4.0
of SAM Intercept does not exhibit this behavior.

To avoid this delay, turn off the autoscan feature as follows:

1. Launch the SAM Intercept program
2. Select "Scan" in the "Options" menu
3. Deselect the"Scan for known viruses" option.

Reinstalling DOS/Windows Software - WB.EXE File
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Should it become necessary for you to re-install the DOS/Windows software, you
will also need to install the WB.EXE file for execution when DOS boots. To

install WB.EXE on the LC630 DOS Compatible follow these steps from the Macintosh desktop:

Step 1

Select the PCSetup control panel and select "Shut Down PC".

Step 2

Open the PC drive container, located on your internal hard drive, by double clicking the file "PC Drive File".

Step 3

A hard drive icon labeled "PC BOOTDISK" will appear on the desktop. Double click on PC BOOTDISK to open the volume.

Step 4

Insert the disk labeled "DOS Compatibility Installer Disk for PC Environment". Double click on the diskette icon to open the main window and locate the file WB.EXE.

Step 5

Drag it to the folder labeled "Apple".

Step 6

When the Macintosh is finished copying the WB.EXE file, press command-return.

Step 7

When DOS has finished booting, type:
EDIT C:AUTOEXEC.BAT

Step 8

Add the following line to the end of the AUTOEXEC.BAT file:
C:\APPLE\WB.EXE

Step 9

Press option-f to select the file menu.

Step 10

Select the Exit option (using the up-arrow key) and press return.

Step 11

Press return again to save the AUTOEXEC.BAT file and exit the DOS editor.

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Step 12
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At the DOS prompt type command-return to re-enter the Macintosh desktop.


Step 13
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Unmount the PC drive container by dragging the PC BOOTDISK icon to the trash.


Step 14
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Select "Shut Down PC" in the PCSetup control panel.


Step 15
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Start the PC using the PCSetup control panel or by pressing command-return.

The WB.EXE program runs and exits when DOS boots. It does not stay resident in
memory.  The WB.EXE program enables the write back mode and prints a string that
reads:


"WB.EXE Enable CPU internal cache to Write-Back.", and exits.



Rebuilding the Desktop
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If you need to rebuild the Macintosh desktop, you must either wait for the
desktop to rebuild while in the Macintosh environment, or switch to the DOS
environment and remain there until the rebuild is complete.  Switching back to
the Macintosh environment during rebuild will cause the Macintosh to crash.



Using PC Tools Pro 9.0
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The CPTASK.EXE utility (Central Point Task Manager) is incompatible with the DOS
Compatibility Card.



Using MWUNDEL
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MWUNDEL does not work on shared folders, so files deleted by the PC in shared
folders will not be recoverable.  However, files in shared folders can be
recovered if they are deleted from the Macintosh.  Use a Macintosh utility such
as Norton Disk Doctor.



Using After Dark 3.0
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Do not use the PC Setup control panel "Switch at Startup" option when using
After Dark.
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Using the Serial Port
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If you are using communications software that uses the serial port, the
following are known errors:


•  For Procomm, the auto-answer mode does not work.


•  For LapLink, transferring files between two machines may not work, especially
for large files.



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