

EPSON PRODUCT SUPPORT BULLETIN

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|--------------------|--|-----------------------|--------|
| Date: | 2/2/2004 | Originator: | RY |
| PSB #: | PSB.2004.02.004 | Authorization: | Kps/DS |
| Reference: | TE03-389 Rev. A | Total Pages: | 2 |
| Product(s): | Expression 1600/1680/1640XL Series Scanners; Perfection 610/640/1200/1240/1250/1260/1640/1650/1660/1670/2400/2450/3170/3200 Series Scanners; Stylus CX5200/CX3200/CX5400 All-in-One Products | | |
| Subject: | EPSON Scan TWAIN Ver. 1.28 for Mac OS 10.2 to 10.3 | | |

This bulletin was created to inform you of an updated Epson Scan Twain Driver (1.28A) for the following models: Perfection 610/640/1200/1240/1250/1260/1640/1650/1660/1670/2400/2450/3170/3200 series scanners, Stylus CX3200/CX5200/CX5400 multi-function devices, Expression 1600/1680/1640XL series scanners.

Reason:

The new Epson Scan driver improves functionality when scanning in Mac OS 10.3. See the next section for the list of changes included in the new driver.

Driver Improvements:

- Enables Epson Scan to start when the Scan button is pushed.
- Enables Epson Scan to start even if the volume name (Hard Disk) on the desktop is only 2 bytes (2 characters) in length.
- Eliminates the error "Epson scan cannot be started", which occurs when the USB cable is disconnected while Epson scan is loading.
- Corrects lock-up issues when using the Zoom tool in Epson Scan.
- Corrects functionality issues and mouse cursor lock-ups when using the Histogram Adjustment, Tone Correction and Image Adjustment tools or when clicking on each tool's Title bar.
- Prevents Epson Scan from unexpectedly quitting when scanning two or more times from PhotoShop with a Perfection 1250 scanner.
- Prevents Epson Scan from locking up when scanning from a Perfection 3200 scanner with a Firewire connection.
- Prevents Epson Scan from unexpectedly quitting when removing the Firewire cable from a Perfection 3200 scanner while Epson Scan is open.
- Prevents the Epson Scan Utility from freezing when using the Perfection 1250 or 1260 scanner.
- Enables Epson Scan to launch properly when scanning from an Expression 1680/ or 1640XL with a Firewire connection.

Limitations of new driver:

- This driver does not support “Fast User Switching” in OS 10.3. This feature must be turned off before using Epson Scan.
- You may receive an error “Epson Scan cannot be started” when trying to scan from a Perfection 2450 that is connected to a USB 2.0 supported port. To avoid this error, use a Firewire connection or a USB 1.1 only supported port.
- Not all the scanner models on this list support Color Restoration and Dust Removal so these settings may be unavailable in Epson Scan.
- If experiencing unstable operation when scanning from a Perfection 1250 or 1260 scanner, restart your system.
- If the computer goes into “sleep mode” and this setting was enabled in the Apple Menu and you try to switch to a different mode after doing a preview scan in Photoshop, the Epson Scan driver will freeze. This does not happen if the computer goes into “sleep mode” after screen saver has started. To avoid lock-ups, change the scanning mode before the computer goes into “sleep mode” or re-launch Epson Scan after the computer wakes up and then change modes.
- After scanning with the Perfection 1250, if you then close Epson Scan and disconnect the USB cable, a scanner model selection dialog box may appear on the screen. Click “No” and the box closes. You can scan normally afterwards.

Action:

The new driver is available on the Epson web site. Go to www.epson.com and click on Drivers & Downloads. Select your scanner model. On the Downloads page look for TWAIN Driver and Epson Scan Utility v.1.28A in the Macintosh section.

To Install Epson Scan 1.28A:

1. Launch the EPSON Scan Installer and follow the on screen instructions.
2. After the TWAIN has been installed, connect the USB or Firewire interface cable from the scanner to the computer.

To Uninstall Epson Scan 1.28A:

1. Disconnect the USB interface cable from the scanner.
2. Launch the EPSON Scan Installer.
3. Open the drop-down menu where you see “Easy Install” and select “Uninstall”.
4. Click the Uninstall button.

EPSON PRODUCT SUPPORT BULLETIN

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|--------------------|--|-----------------------|------------|
| Date: | 04/01/2003 | Originator: | TC |
| PSB #: | PSB.2003.04.003 | Authorization: | <i>Kps</i> |
| Reference: | N/A | Total Pages: | 2 |
| Product(s): | All EPSON Scanners | | |
| Subject: | Windows™ and Macintosh® Operating System requirements for USB 1.1/2.0 and IEEE-1394/FireWire® Interface connectivity | | |

This bulletin was created to inform customers of EPSON America's support policy regarding Windows™ and Macintosh® operating system requirements for USB 1.1/2.0 and IEEE-1394/FireWire® interface connectivity.

Reason:

Currently, there are many add-in USB 2.0 and IEEE-1394 connection host adapter products on the market that include drivers for Windows and Macintosh OS that did not originally support specific interfaces. Epson has released several scanner products with built-in USB 2.0 and/or IEEE-1394 (FireWire) ports. This document provides a guideline on EPSON America's support policy on the various operating systems and the interface connections they support. EPSON technical support representatives will only be able to support customers who have Epson products that are configured in accordance with the operating system requirements outlined here and in the product's documentation. Epson customers experiencing problems on an Epson product connected to an add-in USB 2.0 or IEEE-1394 interface that does not meet the minimum system requirements will be asked to contact the interface product vendor or computer manufacturer for technical support.

This document is not model specific. It does not include other important system requirements required to determine product compatibility on a user's computer. To determine product support compatibility, please refer to the specific scanner's minimum system requirements found on the outside of the product box, or visit Epson's web site at www.epson.com.

The guidelines below were compiled from Microsoft's and Apple's Support websites and their published system requirements for supported interface connectivity. For more information on Windows and Macintosh Interface support please refer to Microsoft's online Knowledge base at www.microsoft.com or Apple's web site at www.apple.com. For information on add-in 3rd party interface products please refer to the vendor's documentation or product support web site.

Windows

USB 1.1: Full version Microsoft Windows 98/98 Second Edition, Windows Me, Windows 2000 or Windows XP or Upgrade from a full version of Windows 98/98SE, Me, 2000

IEEE-1394 (FireWire): Full versions of Windows Me/2000/XP, or upgrade from a full version of Windows 98/98SE. Host computer must have an OHCI compliant IEEE-1394-1995 card or port installed.

USB 2.0 Hi-Speed: Full versions of Windows XP or upgrade from a full version of Windows 98/98SE, Me, 2000. Host computer must have an EHCI compliant USB 2.0 Hi-Speed card or port installed.

Windows 2000 did not support the USB 2.0 hardware specification at the time it was first released. Refer to Microsoft Knowledge Base Article - 319973 Universal Serial Bus 2.0 Support in Windows 2000 for more information.

Important Notes:

- 1.) Operating system must not be an upgrade from Windows 95.
- 2.) **For Windows 2000 or XP you must be logged in as an administrator or as a user with administrator rights before you can install and use EPSON software.**
- 3.) USB hubs must be self-powered and connected in a first-tier configuration for reliability

Macintosh OS

USB 1.1: Apple Macintosh computer (G3, G4, or iMac) with built-in USB port, running Mac® OS 8.5.1 to 9.2.2 with all USB extensions enabled. For OS X, you must have 10.1.3 or later.

FireWire (IEEE 1394): Power PC-equipped Macintosh or newer with Mac OS 8.6 to 9.2.2 with Apple's FireWire 2.1 (or later) software installed. For OS X, you must have 10.1.3 or later.

USB 2.0 Hi-Speed: Not supported

Important Notes:

- 1.) You cannot use a serial interface to connect the scanner.
- 2.) Interface adapter cables (i.e. SCSI to USB, or USB to Serial, etc) are not supported.
- 3.) USB hubs must be self-powered and connected in a first-tier configuration for reliability.
- 4.) FireWire port must be compliant with this specification: IEEE 1394-2000 compatible.

EPSON PRODUCT SUPPORT BULLETIN

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|-------------|---|----------------|-----|
| Date: | 10/08/2002 | Originator: | RY |
| PSB #: | PSB.2002.10.002 | Authorization: | Kas |
| Reference: | TE02-300 Rev.A | Total Pages: | 1 |
| Product(s): | Expression 1600/1640XL/1680/GT-10000/10000+ Series Scanners | | |
| Subject: | Epson TWAIN Pro Network Driver 2.00A (Rev.B) | | |

This bulletin was created to inform you of a modification to the Epson TWAIN Pro Network driver v.2.00A for the Expression 1600/1640XL/1680 and GT-10000/10000+ series scanners.

Description of Change:

The updated driver has been modified for Windows NT 4.0, 2000 and XP to allow only client users with administrator rights to change the IP address of a network scanner. Users from client workstations running Windows 95, 98 or ME still have the ability to change the IP address.

Reason:

On the first release of the TWAIN Pro Network driver (v.2.00A), any user on a client workstation running Windows NT 4.0/2000/XP had sufficient rights to change the network scanner IP address. TWAIN Pro Network driver 2.00A (Rev.B) provides an extra level of security so that only administrators or users with administrator rights can change the IP address.

Driver Installation Instructions:

1. Download the Epson TWAIN Pro Network driver 2.00A (Rev.B) from the Epson website.
2. This is a self-extracting file. After extracting the driver, it will run the setup program.
3. Follow the on screen instructions to install the driver.
4. After installing the updated TWAIN Pro Network driver, you are required to re-install the original Twain Pro Network driver 2.00A from your scanner installation CD. The driver can also be found at the Epson web site (www.epson.com).

**** Note ****

If you do not reinstall the original driver, you may see one or both of the following errors when trying to scan:

"scanner model not supported"

"scanner handler error"

EPSON Product Support Bulletin

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|-------------|--|----------------|--------------------|
| Date: | 9/16/2002 | Originator: | VWS/JD |
| PSB #: | PSB.2002.09.004 | Authorization: | <i>[Signature]</i> |
| Reference: | TE02-073 Rev. A | Total Pages: | 1 |
| Product(s): | Expression 800/1600/1680/836XL/1640XL & GT-10000/10000+ scanners | | |
| Subject: | Release of Twain Pro Driver 2.10A, Rev. C for Windows XP | | |

This bulletin was created to provide information on the newest revision to Twain Pro driver 2.10A for Windows XP.

Description of Change:

Twain Pro 2.10A, Rev. C provides users logged in as a "Limited User" with sufficient rights to launch the Twain Pro driver, acquire images from within a scanning application and to save scanned images to the hard drive.

Reason:

On previous versions of Twain Pro for XP, the user is still required to log in with Administrator rights in order to have sufficient access privileges to use the scanner driver.

Installation:

- 1) Log in to your computer as an Administrator or as a user with Administrator rights.
- 2) Use Twain Pro Uninstaller (available as a download from the Epson web site) to remove currently installed Twain Pro drivers. Read the instructions included with the Uninstaller before running the utility.
- 3) Download Twain Pro 2.10, Rev. C (listed as epon10403.exe on the Epson web site). Double-click on epon10403.exe to extract the files.
- 4) Turn on and connect scanner to your computer. If you are using a SCSI cable, reboot your computer.
- 5) When Windows detects the scanner, you will see the New Hardware Found Wizard screen. Follow the on-screen instructions to complete the driver installation. *

* **Important:** When you see the Hardware Warning dialog, click Continue Anyway.

Note: Administrator rights are needed only for installing and removing the scanner and Twain Pro driver.

EPSON PRODUCT SUPPORT BULLETIN

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|--------------------|--|-----------------------|-----|
| Date: | 3/4/2002 | Originator: | JD |
| PSB #: | PSB.2002.03.001 | Authorization: | Kps |
| Reference: | TE01-320 Rev. A | Total Pages: | 2 |
| Product(s): | Perfection 610, 636, 640, 1200, 1240, 1250, 1640, 1650, 2450 & Expression 636, 800, 836XL, 1600, 1640XL, 1680 Series Scanners; StylusScan 2000, 2500 | | |
| Subject: | Compatibility Chart for Macintosh OS X Classic | | |

This bulletin provides information on compatibility for EPSON scanners and Stylus Scan series products running in Macintosh OS X Classic. Mac OS X provides Classic environment for Mac OS 9.x compatible applications and device drivers. For purposes of this document, your Macintosh computer requires OS 9.2.1 and 10.1 system software. To set up Classic, follow the steps below:

1. First install or upgrade your Macintosh system to OS 9.2.1. Then, install OS 10.1 (for details refer to Apple's OS X documentation).
2. To start Classic, click the **Classic** icon in System Preferences. To find *System Preferences* go to the **Apple Menu** or click on the icon in the **Dock** bar on the desktop. Classic can also be set up to start automatically during the log in process. (Refer to your Apple documentation for installation and operation of Macintosh OS X Classic and 9.2.1).
3. To run a Classic application, just double-click on it.

The following Epson models are supported in Classic.

| Model | Driver Version | Connector Type |
|-------------------|---------------------------------------|----------------|
| Perfection 610 | TWAIN L 1.00E | USB |
| Perfection 636U | TWAIN 3.20A | USB |
| Perfection 640U | TWAIN L 2.01A | USB |
| Perfection 1200U | TWAIN 4.01A | USB |
| Perfection 1240U | TWAIN 5.02A | USB |
| Perfection 1250 | TWAIN 5.53A | USB |
| Perfection 1640SU | TWAIN 5.02A | USB |
| Perfection 1650 | TWAIN 5.53A | USB |
| Perfection 2450 | TWAIN 5.53A | USB |
| Expression 1600 | TWAIN Pro 2.10A/Pro Network 2.00A * | USB |
| Expression 1640XL | TWAIN Pro 2.10A/Pro Network 2.00A * | USB |
| Expression 1680 | TWAIN Pro 2.10A/Pro Network 2.00A * | USB |
| Stylus Scan 2000 | TWAIN (v.1.10A); Printer (v.6.25E) ** | USB |
| Stylus Scan 2500 | TWAIN (v.1.10A); Printer (v.6.25E) ** | USB |

* Expression Series Scanner Notes:

1. Start your computer in 9.2.1 before you install PageManager. If the Start button does not work, restart the computer.
2. In order to use the Twain Pro network driver, you must have the scanner attached to a PC running Scan Server. On a PC, the scanner can use a USB, SCSI or FireWire (Windows 2000, Me, XP only) connection.

** Stylus Scan Notes:

You must install Smart Panel from its own folder. Start your computer in 9.2.1. From the Software CD open the Smart Panel folder. Click on the Epson Smart Panel Installer icon to install. Before you can launch Smart Panel you must install the Stylus Scan Updater. The file can be downloaded from the Epson web site.

Important Note: MAC OS X Classic supports USB-native and network-capable devices. Classic does not support MAC Serial, SCSI or FireWire connected devices. Therefore, the Expression 636, 800 and 836XL that all require a SCSI connection, are not supported in Classic.

Twain Driver Installation:

- 1. Start your computer in 9.2.1.**
- 2. Install the Twain driver.**
- 3. Connect and power on the scanner.**
- 4. Restart your computer in OS 10.1**
- 5. Start Classic**
- 6. Launch your scanning application**

EPSON PRODUCT SUPPORT BULLETIN

Date: 10/01/2001

PSB No.: PSB.2001.10.003

Reference: N/A

Originator: RD

Authorization: *AA*

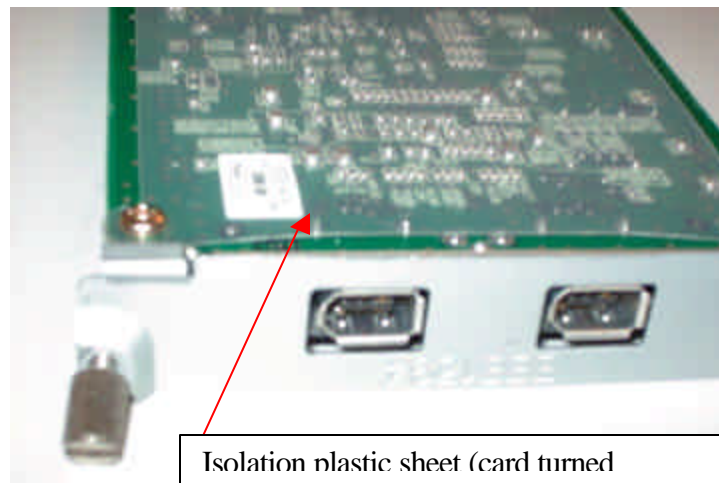
Affected Product(s): Expression 1600/1680/1640XL and GT 10000+

Subject: Safely Removing a Jammed IEEE 1394 Scanner Interface Card

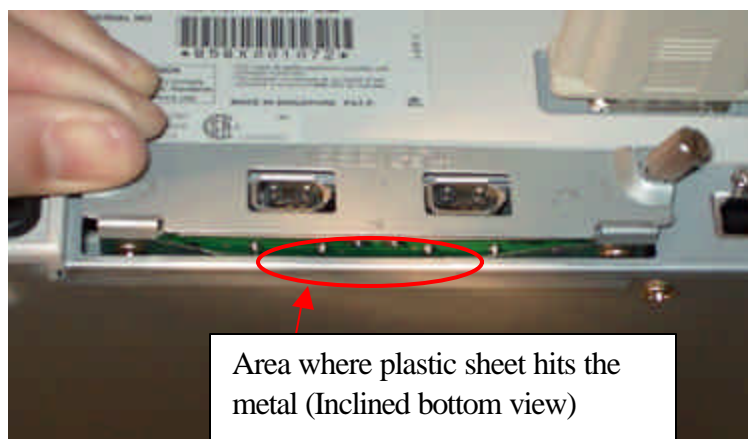
This bulletin provides instructions on how to safely remove the IEEE 1394 scanner interface card in cases where it is necessary to remove it or re-insert it and this simple operation becomes unexpectedly difficult because the card gets jammed in the slot.

Description:

The cards have a plastic isolation sheet attached at the bottom that prevent short-circuiting components as illustrated in this figure:



Normally, the card slides in and out of the scanner option slot without difficulty, but if the center of this plastic sheet gets arched, it may hit the bottom edge of the option slot metal housing preventing the card from coming out. See figure below:

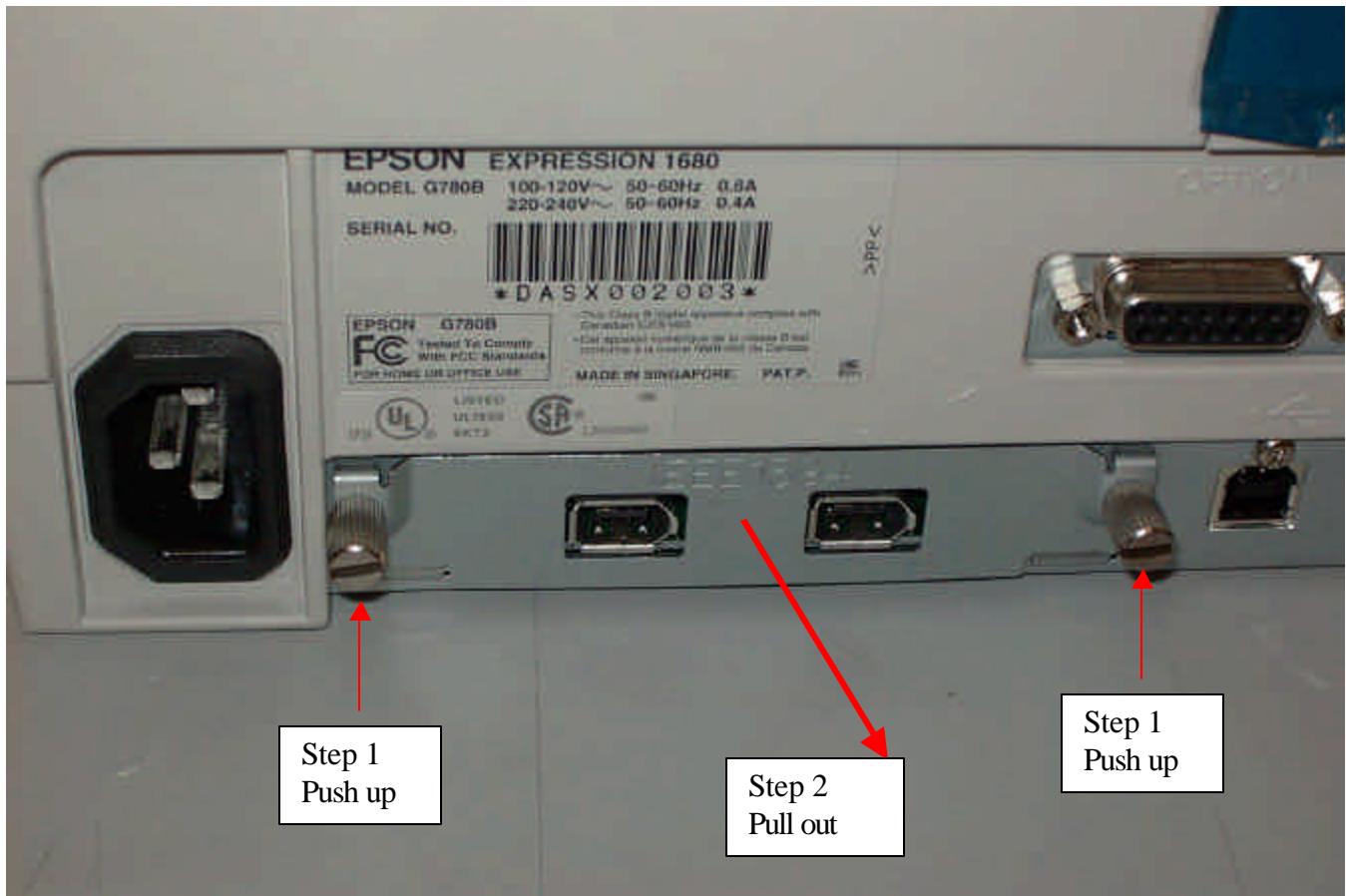


Corrective Action:

Please, follow this procedure to remove the card.

1. Check that the printer is off and the AC power cable is unplugged
2. Loosen up completely the thumbscrews on the IEEE 1394 card.
3. Carefully pull the card straight out.
4. If the card gets jammed do the following:
 - a. Carefully push the card back inside.
 - b. Slightly raise the card so it touches the top of the slot housing.
 - c. While keeping the card touching the top, pull it out.

This procedure should allow the card to be pulled out safely, see the figure below as an illustration:



EPSON PRODUCT SUPPORT BULLETIN

Date: 10/02/2001

PSB No.: PSB.2001.10.002

Reference: N/A

Originator: JD

Authorization: *JA*

Affected Product(s): Presto PageManager for Epson Scanners

Subject: Links to PageManager Patches

This bulletin provides information and links to patches for Newsoft's Presto PageManager software that is included with several of Epson scanner products. The links provide instant access to the patch files on Newsoft's web site.

You can also access the patches by visiting Newsoft's web site at www.newsoftinc.com. On the home page put (do not click) your pointer over the Support menu icon and click Patch from the drop-down menu. From the Patch Search dialog box, select product (*PageManager*) and OS, then click **Search**. When you see the patch site, read the description and instructions. Then click **Download Now** to copy the patch files to your computer.

The following scanners are bundled with Presto PageManager:

| | |
|------------------------|-----------------|
| Perfection 636/636U | Perfection 610 |
| Perfection 1200S/1200U | Expression 800 |
| Expression 1600 | Expression 1680 |
| Expression 1640XL | GT-10000 |
| GT-10000+ | GT 30000. |

Note: To verify the version of PageManager installed on your computer, launch the program and click *Help* from the menu bar. In the drop-down menu, click *About PageManager*.

Patch Links:

To access the links listed below from the Epson web site, set your browser to <http://support.epson.com/filelibrary.html>. From the Support page, select your product. Click on the selected link. A **Save As** dialog box appears. Select your directory and click **Save** to copy the file to your hard drive. If you want to see a list of all the fixes as well as download and installation instructions for each patch, then point your browser to www.newsoftinc.com and refer to the instructions given in the section above. To access the patch files use the links listed below. When you click on the link,

1. If you are running Windows Me and cannot automatically launch PageManager when pressing the scanner's Start button please use this link to download an updated version of PageManager.

<http://www.newsoftinc.com/patch/download/english/pm42004p4-e0418.exe>

Note: The patch does not support PageManager 4.00.01; see item 2 below.

2. If you are running Windows Me and cannot automatically launch PageManager (v4.00.01) when pressing the scanner's Start button please use this link to download an updated version of PageManager.


<http://www.newsoftinc.com/patch/download/english/pm40001p1fc-e.exe>

3. If you are running Windows Me and PageManager hangs when you are launching the program--you see a Watcom SQL 4.0 icon in the taskbar--please use this link to update PageManager's database.

<http://www.newsoftinc.com/patch/download/english/pm-db.exe>

If you still have a problem when using PageManager then please contact Newsoft at 510 445-8616 or visit their web site.

EPSON PRODUCT SUPPORT BULLETIN

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|--------------------|---|-----------------------|---|
| Date: | 05/29/01 | Originator: | LHD/DA |
| PSB #: | PSB.2001.08.006 | Authorization: |  |
| Reference: | TE00-117 Rev.C | Total Pages: | 2 |
| Product(s): | Stylus Pro 9000 / 7000, Stylus COLOR 900, Expression 1640XL / 836XL / 1600, Stylus RIP | | |
| Subject: | Incompatibility with FireWire 2.1 File and OS 9.0.1 or Later | | |

This bulletin was created to inform you of an incompatibility with the FireWire 2.1 extensions and Mac OS 9.0.1 or later.

Problem:

- When the FireWire extensions (FireWire Enabler ver. 2.1 and FireWire Support ver. 2.1) are installed in a PowerPC based Mac (PCI-Bus model) without built in FireWire support running OS 9.0.1 or later, the following system error occurs after restarting the system:

| |
|--|
| <p>Sorry, a system error occurred. Illegal instruction To temporarily turn off extensions, restart and hold down the shift key</p> |
|--|

Effected Products:

Ink-Jet Printers:

| Model Name | Driver Version |
|--------------------------------|--------------------|
| Stylus Pro 9000 | Rev. 6.3aE |
| Stylus Pro 7000 | Rev. 6.3aE |
| Stylus Color 900 | Rev. 6.3aE |
| Epson Stylus Driver Updater *1 | Rev. 1.0aE / 1.1aE |

Scanner:

| Model Name | Driver Version |
|-------------------|----------------|
| Expression 1640XL | Rev. 1.7aE |
| Expression 836XL | Rev. 1.7aE |
| Expression 1600 | Rev. 1.7aE |

Stylus RIP:

| Model Name | Driver Version |
|------------|----------------|
| Stylus RIP | Vol. 1.4 |

Action Required:

Please follow the procedure below in order to delete the FireWire files from the system:

1. Insert the Mac OS bootable CD in your CD ROM drive
2. Reboot the system while holding down the C key on the Keyboard
3. After the system is rebooted trash the FireWire Enabler and the FireWire Support files from the Extensions Folder
4. Restart the system normally

NOTE:

The FireWire CD will contain the updated version of the extensions listed above by the end of July 2000.

EPSON PRODUCT SUPPORT BULLETIN

Date: 9/07/2001

PSB No.: 2001.08.002

Reference: TE01-045 Rev. B

Originator: TC & JD

Authorization: *JH*

Affected Product(s): EPSON Imaging Products (Scanners, Digital Cameras, and Stylus Scan Devices)

Subject: Compatibility Chart for Macintosh OS X Classic

This bulletin provides information on compatibility for EPSON Scanners, Digital Cameras, and Stylus Scan Series devices running in Macintosh OS X Classic mode. Mac OS X provides the Classic environment mode for Mac OS 9 compatible applications and device drivers. Classic mode will require Mac OS 9.1 system software. To setup Classic mode follow the steps below:

1. First install or upgrade your Macintosh system to OS 9.1 before installing OS X (for details refer to Apple's OS X documentation).
2. To start in Classic mode, click the **Classic** icon in System Preferences. To find *System Preferences* go to the **Apple Menu** or click on the icon in the **Dock** bar on the desktop. Classic mode can also be set up to start automatically during the log in process. (Refer to your Apple documentation for installation and operation of Macintosh OS X Classic and 9.1).
3. To run a Classic application, just double-click on it or a document created with the application.

A) The following Epson models are supported in OS X Classic mode via USB.

| Model | Driver Version | Connector Type |
|-------------------------|---------------------------------------|----------------|
| Perfection 610 | TWAIN L 1.00E | USB |
| Perfection 636U | TWAIN 3.20A | USB |
| Perfection 640U | TWAIN L 2.01A | USB |
| Perfection 1200U | TWAIN 4.01A | USB |
| Perfection 1240U | TWAIN 5.00A | USB |
| Perfection 1640SU | TWAIN 5.00A | USB |
| Expression 1600 | TWAIN Pro/Pro Network 2.00A * | USB |
| Expression 1640XL | TWAIN Pro/Pro Network 2.00A * | USB |
| Expression 1680 | TWAIN Pro/Pro Network 2.00A * | USB |
| Stylus Scan 2000 | TWAIN (v.1.10A); Printer (v.6.25E) ** | USB |
| Stylus Scan 2500 | TWAIN (v.1.10A); Printer (v.6.25E) ** | USB |
| Photo PC 800/850Z/3000Z | EPSON Photo!3 (v.1.40E) *** | USB |
| Photo PC 3100Z | USB Storage Device **** | USB |

Note: MAC OS X Classic mode supports USB-native and network-capable devices. Classic mode does not support MAC Serial, SCSI or FireWire connected devices.

* Expression Series Scanner Notes:

1. When installing the TWAIN driver and you are prompted to restart your computer, click Quit instead.
2. Click Stop to close the Classic environment. Close the System Preferences folder. Then restart the computer.
3. If you install PageManager v 2.40.05 for the Expression series scanners and the Start button does not work, restart the computer.

**** Stylus Scan Notes:**

1. You must install the Stylus Scan drivers in a true 9.1 environment. Do not install in OS X Classic, the installation will hang. From the Printing and Scanning Software CD, open the Epson Stylus Scan 2xxx folder and click on the icon to install the drivers. When prompted, restart the computer. Make sure the startup disk is set to OS X before restarting. Start Classic and install Smart Panel.
2. You must install Smart Panel from its own folder. From the Software CD open the Smart Panel folder. Click on the Epson Smart Panel Installer icon to install. Before you can launch Smart Panel you must install the Stylus Scan Updater. The file can be downloaded from the Epson web site.

***** Digital Camera Notes:**

1. EPSON Photo! 3 must be installed in a true Mac OS 9.1 environment. It cannot be installed in Mac OS X Classic mode. After installation, restart the computer in OS X, start Classic, then launch Photo! 3.
2. Use the EPSON *Camera Monitor Setup* dialog box in *Apple Menu Items* to assign an application before using the programmable *Push (Shutter) Button Function*.
3. You can use the *Push Button Function* in Classic mode.

******Photo PC 3100Z Notes:**

1. This camera is supported by Mac OS X native mode using the embedded Image Capture application.

B) The following models are not supported in OS X Classic when using the connector type(s) described in the chart below.

| Model | Connector Type |
|------------------------------|-----------------------|
| Perfection 636 | SCSI |
| Perfection 1200 | SCSI |
| Expression 636 | SCSI |
| Expression 800 | SCSI |
| Expression 1600 | SCSI/FireWire |
| Expression 1640XL | SCSI/FireWire |
| Expression 1680 | SCSI/FireWire |
| Expression 836XL | SCSI |
| GT-10000 (PC platform only) | SCSI |
| GT-10000+ (PC platform only) | SCSI |
| GT-30000 (PC platform only) | SCSI/FireWire |
| Photo PC 500 | Serial |
| Photo PC 600 | Serial |
| Photo PC 650 | Serial |
| Photo PC 700 | Serial |
| Photo PC 750Z | Serial |