



Tech Info Library

System 7.5: Before You Install QuickDraw GX ReadMe (4/97)

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TOPIC -----

The following article is the ReadMe document for QuickDraw GX.

DISCUSSION -----

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Before You Install QuickDraw GX

Printing and Faxing from QuickDraw GX

To print with QuickDraw GX, you need a QuickDraw GX printer driver for your printer.

- If you have an Apple printer, the QuickDraw GX versions of your currently installed printer drivers are installed with the QuickDraw GX software. All Apple printers (except the Apple Color Printer, and Color StyleWriter Pro) have GX drivers. The Color StyleWriter Pro will have a GX driver available soon.
- If you have a non-Apple printer, check with your Apple-authorized dealer or contact your printer vendor directly to make sure that you have the right printer driver for your printer. For printer vendor contact information, see the "QuickDraw GX Printer Driver Upgrade Information" section below.
- At the time of shipping, System 7.5 does not carry a QuickDraw GX version of a fax driver. These will be available very soon. For fax driver information, contact Apple Customer Assistance at 1-800-SOS-APPL or contact your fax vendor. For more information, see the "QuickDraw GX Fax Information" section later in this file.

QuickDraw GX and WorldScript II

Make sure that you are using WorldScript II version 7.2 or later. QuickDraw GX is not completely compatible with versions of WorldScript II prior to 7.2.

QuickDraw GX and At Ease

Make sure that you are using At Ease version 2.0.3.

QuickDraw GX Printer Driver Upgrade Information

If you are using a non-Apple printer, use the information below to contact the vendor about a printer driver upgrade. If your printer's vendor is not listed here, see the manual that came with your printer for contact information.

CalComp – PostScript compatible printers from CalComp should work with the standard LaserWriter GX PostScript driver. If you have any problems using QuickDraw GX with CalComp products and are within the United States or Canada, call CalComp at 800-451-7568. Outside the United States or Canada, contact the office in your area as listed in an appendix of your User's Guide.

Epson America—For information about Epson QuickDraw GX drivers, call the Epson End User Support Center at 1-800-922-8911 after October 1, 1994.

GCC Technologies—For information about GCC QuickDraw GX drivers and upgrade information contact GCC Technical Support at one of these numbers:

Phone Number: 617-276-8620
Fax Number: 617-275-1115
CompuServe: 67004,2302
AppleLink: D0126
GEnie: GCC.TECH
America OnLine: GCC TECH

GDT Softworks Inc. – For upgrade information about GDT Softworks products (PowerPrint 2.5, PowerPrint/GX 3.0, PowerPrint/LT 3.0, PowerPrint/NW 3.0, PLOTTERgeist 3.0, PowerPlot 2.0, PowerPlot/LT 2.0, StyleScript 2.0), contact GDT:

GDT Softworks Inc.
Customer Service Upgrades
4664 Lougheed Highway, Suite 188
Burnaby, BC V5C 6B7 Canada

Phone Number: 1-800-663-6222 or 604-291-9121
Fax Number: 604-291-9689
AppleLink: GDT.MKT
CompuServe: 72137,3246
Internet: customer_service@gdt.com

Hewlett-Packard—If you need Post-Sale Assistance, Technical Assistance, or if you have any kind of questions about H-P peripherals, contact the H-P Computer Products Customer Support Center at 208-323-2551.

For users of DeskWriter 500 series printers, the fastest way to get a QuickDraw GX printer driver is from one of these electronic on-line services:

AppleLink: Hewlett-Packard folder
CompuServe: HP Peripherals forum (HPPER) Library 9
Internet: IP address - 192.6.71.2
Name - Anonymous
Password - Send User Identification

HP Download Service: 208-344-1691 (modem settings: parity,N; data bits, 8; stop bits, 1)

To receive detailed instructions on accessing these on-line services, contact HP FIRST, Hewlett-Packard's document FAX retrieval service:

Inside the U.S. and Canada: 1-800-333-1917 (Then press 1 for HP FIRST.)
Outside the U.S. and Canada: 208-344-4809

To receive a disk with the QuickDraw GX printer driver, contact the HP Software Distribution Center at 303-339-7009. A nominal charge for materials and shipping applies.

Kodak - Call 1-800-CDKODAK, for technical support. To update and provide discussion for EKC drivers and print utilities, log on to CompuServe and 'go kodak'. In the Library menu, select browse and in the browse sections, select Kodak Printers. You can download these upgrades from CompuServe!

Lasermaster - For QuickDraw GX driver updates from Lasermaster, call Lasermaster Technical Support at 612-944-8509.

Lexmark International-Lexmark/IBM customers can get the latest QuickDraw GX drivers from:

Technical Support: 606-232-3000
Lexmark Bulletin Board: 606-232-5238
Internet: anonymous ftp at ftp.lexmark.com
CompuServe: Go Lexmark

Microspot-For information about "MacPlot Raster GX" and "MacPlot Pen Plotter Professional GX" Chooser level GX drivers or upgrade information, contact the Sales Department:

Microspot
12380 Saratoga-Sunnyvale Road, Suite 6
Saratoga, CA 95070
Phone Number: 1-800-622-7568 (1-800-MACPLOT) or 408-257-4000
AppleLink: MICROSPOT
America OnLine: MICROSPOT1
CompuServe: 70274,3650

NEC Technologies - Contact NEC Technical Support at 800-388-8888 or use one of the following:

NEC Bulletin Board: 508-635-4706
Main Phone Number: 508-264-8000
Main FAX Number: 508-264-8673
Support on AppleLink: NEC Technologies forum in Third Parties

QMS, Inc. - For assistance with QMS printers, drivers, and driver updates, call QMS Customer

Technical Assurance:
Phone Number: 205-633-4500
FAX Number: 205-633-3716

Seiko Instruments - QuickDraw GX is supported by Seiko Instruments for the ColorPoint PostScript printer line with four drivers:

Printer Names	Required GX Driver
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ColorPoint PS, PSX or PSN	ColorPoint PS/PSX/PSN GX driver

ColorPoint PSE	ColorPoint PSE GX driver
ColorPoint PSH	ColorPoint PSH GX driver
ColorPoint PSF	ColorPoint PSF GX driver

All driver upgrades are free and are available now:

Technical Support Department: 1-800-553-5312 (inside USA)
Technical Support Department: 408-922-5800
Seiko Bulletin Board: 408-428-9810

SuperMac Technology – For the SuperMac ProofPositive and the SuperMac Splash -- contact SuperMac Technical Support at 1-800-541-7680.

Tektronix – In the US and Canada, call Customer Support at 1-800-835-6100 or use the following:

Fax Number: 503-682-2980
AppleLink: TEK.SUPPORT
Tektronix Bulletin Board: 503-685-4505
International Customers: Please contact your local Tektronix office

Xerox – Xerox offers QuickDraw GX printer drivers for Xerox DocuTech Network Publisher Model 90 and Xerox DocuTech Network Publisher Model 135. For information on how to obtain the driver, customers can send an electronic mail message to: GX.Roch817@Xerox.com

QuickDraw GX Fax Information

To fax with QuickDraw GX, you need a QuickDraw GX fax driver for your modem. Use the information below to contact the vendor about a fax driver for your modem.

Express Modem – At the time of shipping, the Express Modem faxing capability is not compatible with QuickDraw GX. The express modem fax driver for QuickDraw GX will be available very soon.

GeoPort – GeoPort 1.2 is not QuickDraw GX compatible. The next version of GeoPort will be QuickDraw GX compatible.

Global Village – Global Village plans to add QuickDraw GX support to a future version of GlobalFax, and will send out a press release and an online-services announcement when it is available. To find the latest information on Global Village products, check Global Village forums on the following online services:

America Online: global
CompuServe: go global
Global Village BBS: 415-390-8334

Cypress Research–If you use Cypress Research FaxPro II, call 408-752-2700 and ask for Technical Support.

STF Technologies–For information about our "FaxPrint GX" printer driver contact STF Customer

Service:
Phone Number: 816-463-2021
Fax Number: 816-463-7958
Bulletin Board: 816-463-1131

CompuServe: 74740,1244 (Go STFTEch)
America OnLine: STFtech

Using Fonts

Type 1 Fonts Enabled During Installation

During installation, QuickDraw GX enables any Type 1 fonts found in the System Folder, the Fonts folder, or the Extensions folder. However, you must ensure that each Type 1 font family is in its own suitcase. The installer enabler will not enable your Type 1 fonts if multiple font families are contained in one suitcase. QuickDraw GX does the following:

- creates a new folder called "Archived Type 1 fonts" in your Fonts folder
- moves all suitcases referring to Type 1 fonts to the "Archived Type 1 fonts" folder
- moves all Type 1 outline font files to the "Archived Type 1 fonts" folder
- makes a copy of the original suitcase and puts the copy in the Fonts folder
- creates one or more 'sfnt' font resources from the corresponding Type 1 outline font files and places the resources into the suitcase in the Fonts folder

The 'sfnt' (scalable font) resource was originally specified to contain TrueType font data. When QuickDraw GX enables a font, the 'sfnt' resource may contain either TrueType font data or PostScript Type 1 font data.

You can find instructions for installing QuickDraw GX in the Macintosh System 7.5 Upgrade Guide.

Adobe Type Manager version 3.7 (ATM GX)

ATM version 3.7 (ATM GX) is installed with QuickDraw GX. Type 1 fonts will display and print properly only if ATM 3.7 is installed and turned on. As with previous versions, ATM 3.7 rasterizes Type 1 font data from the POST resource in conventional outline font files (file type LWFN). In addition, ATM 3.7 rasterizes Type 1 font data from the 'sfnt' resource in suitcase files (file type FFIL). ATM 3.7 does not include font substitution capability.

Enabling Type 1 Fonts After Installation

You may need to enable Type 1 fonts that are not located in the System Folder, the Fonts folder, or the Extensions folder. Or you may need to enable Type 1 fonts installed after you install QuickDraw GX. To enable Type 1 fonts, use the Type 1 Enabler (one of the QuickDraw GX Utilities). You must ensure that each Type 1 font family is in its own suitcase. The Type 1 Enabler will not enable your Type 1 fonts if multiple font families are contained in one suitcase.

To install the QuickDraw GX Utilities and enable Type 1 fonts, see the instructions in Chapter 3 ("Installing QuickDraw GX") of the Macintosh System 7.5 Upgrade Guide.

The Type 1 Enabler supports only Type 1 fonts. If the Type 1 Enabler program encounters a suitcase containing Type 3 fonts, it displays the message "Contains a Type 3 font program" and does not enable the suitcase.

The Type 1 Enabler does not enable hybrid fonts. If you see the message "Contains a hybrid font program (see README file for details)" when the Type 1 Enabler attempts to enable Optima or ITC Eras, it may be because you have an old version of these fonts. These fonts cannot be enabled because they are hybrid fonts. If you are a registered owner of Optima or ITC Eras, call Adobe Systems Technical Support to obtain an upgrade to the non-hybrid versions of these families.

•••NOTE: The following section was inadvertently omitted from the original Read Me.

Restoring Type 1 Fonts to Their Original State

If you remove QuickDraw GX from your system, you need to restore your Type 1 fonts. To restore Type 1 fonts, follow these steps:

1. Open the System Folder.
2. Open the Fonts folder.
3. Drag any suitcases that have been enabled to the Trash.
4. Open the •Archived Type 1 Fonts• folder.
5. Move the contents of the •Archived Type 1 Fonts• folder to the Fonts folder.
6. Drag the •Archived Type 1 Fonts• folder to the Trash.

If you want to switch back and forth between using QuickDraw GX and not using QuickDraw GX, skip Steps 2 and 3. This leaves both types fonts available.•••

Removing Duplicate Fonts

To make sure that QuickDraw GX properly manages currently installed fonts, you should make sure you have no duplicate fonts installed in the System Folder. Remove any duplicates that you find.

Article Change History:

- 28 Apr 1997 - Removed out dated on line references.
- 01 Dec 1995 - Added missing Restoring Type 1 Fonts section.
- 14 Feb 1995 - Reviewed for technical accuracy.

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