

Adobe[®] PostScript[®] 3[™] Expansion Unit

User's Guide

CMP0020-00 EN



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Unable to Print
Errors Occur
Printer Inoperable
Encrypted PDFs Not Printing
PS Files Not Printing
Print Quality Issues
Printed Font/Characters Do Not Match
Display
Letters or Images Are Ragged
Light-Colored Lines Are Broken
Colors Do Not Match
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Samples of Built-in Fonts
PostScript Fonts
TrueType Fonts

Software License Terms

Before You Begin

Notes on This Guide

Meanings of Symbols

Warning:	Warnings must be followed to avoid serious bodily injury.
Caution:	Cautions must be followed to avoid damage to this product or bodily injury.
Important:	Notes contain important information on the operation of this product.
Note:	Tips contain useful or additional information on the operation of this product.

Operating System Versions

In this documentation, the following abbreviations are used.

Windows refers to Windows 8.1, 8, 7, Vista, XP.

- Windows 8.1 refers to Windows 8.1, Windows 8.1
 Pro, and Windows 8.1 Enterprise.
- □ Windows 8 refers to Windows 8, Windows 8 Pro, and Windows 8 Enterprise.
- ❑ Windows 7 refers to Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Professional, and Windows 7 Ultimate.
- Windows Vista refers to Windows Vista Home Basic Edition, Windows Vista Home Premium Edition, Windows Vista Business Edition, Windows Vista Enterprise Edition, and Windows Vista Ultimate Edition.

- Windows XP refers to Windows XP Home Edition, Windows XP Professional x64 Edition, and Windows XP Professional.
- □ Windows Server 2012 refers to Windows Server 2012 Essentials Edition, Server 2012 standard Edition.
- Windows Server 2008 refers to Windows Server 2008 Standard Edition and Windows Server 2008 Enterprise Edition.
- Windows Server 2008 x64 refers to Windows Server 2008 x64 Standard Edition, Windows Server 2008 x64 Enterprise Edition, Windows Server 2008 R2 Standard Edition, and Windows Server 2008 R2 Enterprise Edition.
- Windows Server 2003 refers to Windows Server 2003 Standard Edition and Windows Server 2003 Enterprise Edition.
- Windows Server 2003 x64 refers to Windows Server 2003 x64 Standard Edition and Windows Server 2003 x64 Enterprise Edition.

Macintosh refers to Mac OS X.

□ Mac OS X refers to Mac OS X 10.5.8 and later versions.

License Information

Adobe Systems holds the rights to portions of this manual, which are used with permission.

Features

The main features of this product are described below.

Simulation

This product supports "SWOP", "Euroscale", "Japan Color2001" and other CMYK simulations, allowing you to preview results for offset printing. RGB colors can also be simulated using RGB profiles. The RGB simulations available include Adobe RGB, sRGB, and Apple RGB. The product is also capable of RGB output close to that produced by the (standard) printer driver supplied with the printer. The product supports the following color correction options: "Business Graphics", "Epson Standard (sRGB)", and "Line Drawing".

Direct Print

The supplied "PS Folder" utility lets you print files by dragging and dropping them onto the PS Folder icon. There is no need to launch an application.

Hard Disk

The hard disk supports the same features as the optional hard disk unit. You can:

- Display pending print jobs
- □ View and restart paused print jobs
- □ View and restart saved jobs

Attached to a compatible printer with an optional scanner for large-format multifunction printers, the product allows the device to double as a copier and scanner. For information on supported accessories and hard disk and scanning features, see the manual supplied with the printer.

Notes on Use

Observe the following precautions when using this product:

□ This product is for printers only and can not be used with computers or other devices.

For the latest information on supported printers, visit the Epson website (http://www.epson.com).

- □ The hard disk may require formatting before the product can be used with other supported printers. The hard disk can be formatted using the Administrator Menu > Manage HDD option in the device control panel.
- Data transferred to this product can not be copied to computers or other devices.
- □ Data may be recoverable from this product after it has been formatted. Epson recommends that this product be physically destroyed prior to disposal.

Data Stored on This Product

Data stored on this product can not be copied to a computer. Be sure that the original data for print jobs stored on this device have been saved to a computer. Data may be deleted from this device as a result of:

- □ Static electricity or electrical noise
- Operator error
- □ Malfunction or repairs
- □ Natural disasters and other acts of God

Even should it occur within the warranty period, Epson will not be held liable for loss or recovery of data stored on this device as a result of any cause, including but not limited to those listed above.

Introducing the Supplied Software

Contents of the Software Disc

The supplied software disc contains the following software. Install as required.

Software name	
Epson Driver and Utilities	The following software is installed.
	Printer Driver The PS printer driver is required when using this device.
	The PS printer driver is installed if installation is performed during product setup.
	12 "How the PS Driver Differs from the Standard Printer Driver" on page 12
	EPSON LFP Remote Panel 2 This application is used for custom paper settings. See online help for details.
PS Folder	This application lets you print files in supported formats (PS, EPS, PDF, TIFF, JPEG, and CALS-G4) by dragging and dropping them onto the PS Folder icon, eliminating the need to open files in another application.
	∠͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡͡ː / PS Folder" on page 32

Setting up the Software

Windows

When installing this software, log in to an account with administrator privileges.

Installing the PS Driver

Follow the steps below to install the PS driver and EPSON LFP Remote Panel 2.

Note:

- **•** *Exit any anti-virus software before running the installer.*
- □ For information on your network setup, contact the network administrator.
- □ If the computer is part of a network, configure the printer so it visible on the network. Adjust network settings with reference to the printer manual.



2

Confirm that the printer is off.

- Start Windows and insert the supplied software disc.
 - (1) In the **AutoPlay** dialog, confirm that the publisher is SEIKO EPSON and click to proceed.
 - (2) Click **Yes** or **Continue** in the **User Account Control** dialog.
- 3 When the license agreement is displayed, read the agreement, select **Accept**, and click **Next**.
- Follow the on-screen instructions to complete installation.

Installing PS Folder

This section describes how to install PS Folder. Install as required.



Start Windows and insert the supplied software disc.

- (1) In the **AutoPlay** dialog, confirm that the publisher is SEIKO EPSON and click to proceed.
- (2) Click **Yes** or **Continue** in the **User Account Control** dialog.



When the license agreement is displayed, read the agreement, select **Accept** and click **Next**.



Follow the on-screen instructions until the following dialog is displayed.

		CHARACTER .
install Navi	Show Online Guide	
Ver.5	See the FDF/HTML manual. If necessary, copy the manual to a location where easily.	ryou can refer to it.
Software Select	Show	
onnection	Select the software to install.	
etug	HEDLA	sed Space 1 25 M
	Elseno Diver and UBDen ElSeno Diver and Dana ElSeno Diver and Dana P5 Folder	
	Cencel Beck	Instal

4

5

After reviewing the dialog displayed in Step 3 to ensure that **PS Folder** is the only option selected, click **Install**.

Follow the on-screen instructions to complete installation.

Setting up the Software

Mac OS X

Installation and Setup

Configure the printer after installing the PS driver and EPSON LFP Remote Panel 2.



Confirm that the printer is off.



Start Mac OS X and insert the supplied software disc.



Click Install Navi.



When the license agreement is displayed, read the agreement, select **Accept** and click **Next**.



Follow the on-screen instructions to complete installation.



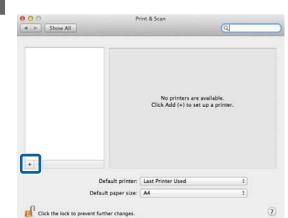
7

Turn the printer on.

Select **System Preferences** in the Apple menu and click **Print & Scan** (or **Print & Fax**).



8	Click +	•
---	---------	---





Select your printer and click **Add**.

Note:

If your printer does not appear next to Print Using, <i>reselect your printer and click **Add**.

ult Fax	Windows	(Q	Search	
	iii iiiidono			
PSON XXXXX			USB	
			038	
Nama				
Name:	XXXXXXXXXX			
Name: Location:				
Location:				
Location:		(\$

Installing PS Folder

This section describes how to install PS Folder. Install as required.



Start Mac OS X and insert the supplied software disc.

2	Scroll down to the Apps folder, which is concealed at the bottom of the window, and open it.	Uninstalling PS Driver Software
	X 5 items, 11.9 MB available	Windows
	Install Navi	Follow the steps below to uninstall the PS driver and the supplied software.
		Important: Log in to an account with administrator privileges.
		□ Enter the administrator password if prompted.
	Driver Apps	In the case of PS Folder, the first step is to manually delete user-created folders by dragging them into the Recycle Bin.
	_model _cdres	Proceed to the next step to delete the driver and other software.
3	Zlick PSFolder .	2 Turn the product off and disconnect the interface cable.
	Apps	3 Open the Control Panel and select Programs > Uninstall a program .
	RemotePanel2	Programs Uninstall a program Get programs
		4 Select the software you want to uninstall and click Uninstall/Change (or Change/Remove or Add/Remove).
4	Copy the zip file to the desktop and extract it.Item, 11.9 MB availableItem, 11.9 MB available	Control Planel Home + Programs + Respans and Features + f + Secont Programs and Features Verivitabile speaks To winstall or change a program To winstall or change a program To winstall Change Uninstall Change



If you selected the printer driver, select the icon for this product and click **OK**.

BPSON XXXXX Series Printer Uninstall		
Printer Model		
	EPSON SCITIOOOX Series	
,	VersionXXXXX	
	ОК	Cancel



Follow the on-screen instructions to complete the process.

If a confirmation dialog is displayed, click Yes.

If you intend to reinstall the PS driver, restart the computer.

Mac OS X

Uninstall the PS driver or software before upgrading to a new version or reinstalling the current version.

Uninstalling the Printer Driver

Use the "Uninstaller".

Downloading the Uninstaller Download the "Uninstaller" from the Epson website.

http://www.epson.com/

Using the Uninstaller

Follow the instructions provided at the site from which you downloaded the "Uninstaller".

Uninstalling the EPSON LFP Remote Panel 2

Drag the **EPSON Remote Panel 2** folder from **Applications** into the **Trash**.

Uninstalling the PS Folder

Manually delete user-created folders by dragging them into the Trash.

How the PS Driver Differs from the Standard Printer Driver

Before describing the PS driver supplied with this product, this manual will explore the differences between it and the standard driver supplied with the printer. A separate description of the features unique to the PS driver is given for each operating system. For information on the standard driver supplied with the printer, see online help.

∠ ³ "Windows" on page 12

∠ [¬] "Mac OS X" on page 21

Windows

Using the dialog for the PS driver supplied with this product as a guide, this section explores the differences between it and the standard driver supplied with the printer and describes the features unique to the PS printer driver.

Adobe Postscript 3 Expansion Unit User's Guide

PS Driver Options

The Printer Settings Tab

Except when **PostScript Color Transformation** is selected in the dialog displayed when the **Speed and Progress** button is clicked in the **Utility** tab, the PS and standard printer driver dialogs are distinguished only by the **Edge Smoothing** option.

🗂 Printer Setting	5 🚹 Layout 🚫 Advanced 🧪 Utility	
Select Setting :	Current Settings 🔹	Save/Del
Media Settings		
Media Type :	EPSON Plain Paper <doubleweight></doubleweight>	
Source :	Roll Auto - 841 mm 👻	Δ
	Acquire Info	4
Size Settings		
Paper Size :	Letter 8 1/2 x 11 in 🔻	Size:Letter 8 1/2 x 11 in
Fit to Roll Pa	aper Width Borderless Custom Paper Size	
-Print Ouality		
Print Mode :	Color/B&W Photo	Paper Remaining:
RGB Source :	Adobe RGB(1998)	
CMYK Simulation	: Euroscale Coated v2 🔹	2
	Settings	
Resolution :	Speed - 360x720 dpi 🔹	V
	₩ High Speed	
	Finest Detail	Version 7.00
	Dot Correction	Version 7.00
Restore Sett	ngs Show Settings	
	ОК	Cancel Apply

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Select Target	Not available
2	Color Mode	Not shown, but can be adjusted by clicking Settings button to display Color Controls dialog.
8	Not available	RGB Source
4	Not available	CMYK Simulation
6	Edge Smoothing	Dot Correction
6	Print Preview	Not available
0	Layout Manager	Not available

Features Unique to the PS Printer Driver

Asterisks ("*") indicate factory default settings.

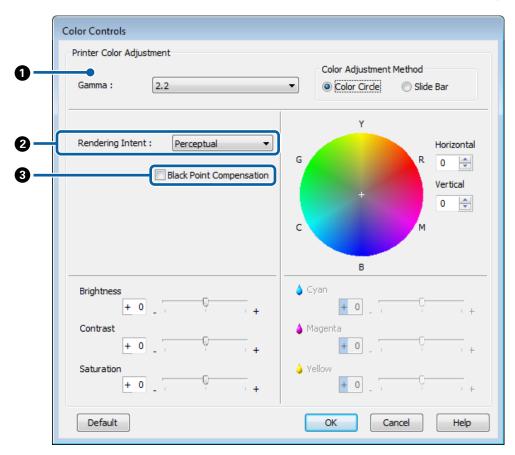
ltem	Option	Description	
3	RGB Source	Choose the simulated RGB color definition when printing RGB data. This option is not available when black is selected.	
		sRGB	The color standard for most monitors.
		Adobe RGB (1998) *	A color standard defined by Adobe.
		Apple RGB	The color standard for Apple monitors.
		ColorMatch RGB	The color standard for Radius PressView monitors.
		Off	No simulation.

ltem	Option	Description	
4	CMYK Simulation		olor definition for output that reproduces the colors of the CMYK nis option is not available when black is selected.
		SWOP v2	A standard used in the US publishing industry for color printing on coated paper.
		US Web Uncoated v2	A standard used in the US publishing industry for color printing on wood free paper.
		US Sheetfed Coated v2	A standard used in the US publishing industry for color printing on coated paper.
		US Sheetfed Uncoatedv2	A standard used in the US publishing industry for color printing on wood free paper.
		Coated GRACoL 2006	An US color standard for sheet-fed offset printing on Grade 1 paper.
		SWOP Grade 3 Paper	A standard used in the US publishing industry for color printing on Grade 3 paper.
		SWOP Grade 5 Paper	A standard used in the US publishing industry for color printing on Grade 5 paper.
		Coated FOGRA27	An ISO color standard for offset printing on coated paper.
		Web Coated FOGRA28	An ISO color standard for offset printing on web-coated paper.
		Uncoated FOGRA29	An ISO color standard for offset printing on wood free paper.
		Coated FOGRA39	An ISO color standard for offset printing on offset glossy or matte-coated paper.
		Euroscale Coated v2 *	A European color standard for offset printing on coated paper.
		Euroscale Uncoated v2	A European color standard for offset printing on wood free paper.
		JapanWebCoated (Ad)	A color standard developed by the Japan Magazine Publishers Association (JMPA).
		JapanColor2001Coated	A Japanese color standard, developed principally by the ISO/ TC130 National Committee, for printing on coated paper.
		JapanColor2001Uncoated	A Japanese color standard, developed principally by the ISO/ TC130 National Committee, for printing on wood free paper.
		JapanColor2002Newspape	A Japanese color standard for newsprint, developed principally by the ISO/TC130 National Committee.
		JapanColor2003WebCoate	Version 2 of a color standard developed by the Japan Magazine Publishers Association (JMPA).
		EPSON_TOYO	A color standard developed by Epson and adapted to the unique colors of Toyo inks.
		EPSON_DIC	A color standard developed by Epson and adapted to the unique colors of DIC inks.
		Off	No simulation.

ltem	Option	Description	
5	Dot Correction	This option may or may not be displayed, depending on the selected Media Type. Select it to improve the fidelity of line reproduction and reduce broken or deformed lines in output from CAD programs and the like.	

The Color Controls Dialog

This section describes the differences in the **Color Controls** dialog, which is displayed by clicking the **Settings** button in the **Printer Settings** tab. Except when **PostScript Color Transformation** is selected in the dialog displayed when the **Speed and Progress** button is clicked in the **Utility** tab, the PS and standard printer driver dialogs are identical.



Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product	
0	Mode	Not available	
2	Not available	Rendering Intent	
3	Not available	Black Point Compensation	

Features Unique to the PS Printer Driver

Asterisks ("*") indicate factory default settings.

Description	
lor-space conversion options (rendering intents) for	
te color coordinates are used to adapt the colors in the data to the color space used in printing. No color on is applied to the white point (color temperature) in inal data or printed output. Choose this option for logo nd other jobs where accurate color reproduction is d.	
or coordinates and white point (color temperature) of out color space are matched to those of the color space the original data. This method is frequently used for atching.	
ire converted for a natural-looking match. Choose this for photographs.	
weight is given to the vividness of colors than to the y with which they are reproduced. Choose this option ness graphics, including graphs and figures, in which olors are preferred.	
s of detail in shadows when converting from a color ith a narrow gamut.	
space with a wide gamut to one with a narrow gamut. This option is off by default.	

The Layout Tab

🖶 EPSON XXXXX Series Printing Prefer		
😑 Printer Settings 🗻 Layout 💿	Advanced 🧷 Utility	
Select Setting : Current Settings	•	Save/Del
Orientation Orientation Dertrait Landscape	Rotate 180° 🔲 Mirror Image	
Reduce/Enlarge		Δ
Fit to Roll Paper Width		4
 Fit Short Side to Roll Paper Width 	n 🔘 Fit Long Side to Roll Paper Width	
Specify Size		Size:Letter 8 1/2 x 11 in
Width		
210.0 (98.1 - 914.4)	Unit mm 💌	
Fit to Output Size		Paper Remaining: -
Same as Page Size	-	
Oversize		
Page Layout	Borderless Enlargement Setting	2
N-up	Auto Expand	
•	Retain Size	V V
Settings	Amount of Enlargement	
		Version 7.00
Restore Settings S	how Settings	
	ОК	Cancel Apply Help

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product	
0	Folded Double-Side	Not available	
2	Poster	Not available	

The Print Layout Dialog

This section describes the differences in the **Print Layout** dialog, which is displayed by clicking the **Page Layout** > **Settings** button in the **Layout** tab.

	Print Layout	
	Number of pages per sheet	
0-	2 Pages O 4 Pages	
0-	OK Cancel Help	

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Page Order	Not available
2	Print page frames	Not available

The Advanced Tab

🖶 EPSON XXXXX Series Printing Preferences	
🔿 Printer Settings 🗻 Layout 🚫 Advanced 🥖 Utility	
Select Setting : Current Settings	Save/Del
Roll Paper Option	
Auto Cut : Off 🗸	
	A
Print Page Line Save Roll Paper	
Copies	[
Copies : 1 V Collate	Size:Letter 8 1/2 x 11 in
Paper Setup	
Advanced Media Control Custom Settings	Paper Remaining: -
Hard Disk Unit	
Active Settings	2
	Version 7.00
	Version 7.00
Restore Settings Show Settings	
ОК	Cancel Apply Help

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Banner	Not available
2	Other Settings	Not available

The Hard Disk Unit Settings Dialog

This section describes the differences in the **Hard Disk Unit Settings** dialog, which is displayed by clicking the **Settings** button in the **Advanced** tab.

	Hard Disk Unit Settings
	Print Job
	Print and Save
	Print only
	○ Save only
0-	Caching To HDD
	OK Cancel Help

Differences Between the Two Driver Dialogs

Item Standard driver supplied with printer		PS driver supplied with this product
0	Print after Transmission Completed	Caching to HDD

Features Unique to the PS Printer Driver

ltem	Option	Description	
0	Caching to HDD	This item should not be selected in normal circumstances. Select this option only if the print head stops frequently during printing while the unit is processing data.	

The Speed and Progress Dialog

This section describes the differences in the **Speed and Progress** dialog, which is displayed by clicking the **Speed and Progress** button in the **Utility** tab.

	Speed and Progress	
Setting Items PostScript Color Disable EPSON Acquire printer		
	Default	OK Cancel Help

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Not available	PostScript Color Transformation This option is on by default.
	High Speed Copies	Not available
	Show Progress Meter	
	Disable EPSON Status Monitor 3	
	Check media type before printing	
	Acquire printer information automatically	
	Process print data by printer	
	Always spool RAW datatype	
	Page Rendering Mode	
	Coarse Rendering	
	Print as Bitmap	
	Allow Applications to Perform ICM Color Matching	
	Change Standard Resolution	
	Optimize Enlargement	

Features Unique to the PS Printer Driver

ltem	Option	Description
0	PostScript Color Transformation	Select this option to process colors using the target CMYK or RGB profile for PostScript color conversion. If this option is not selected, the unit will process colors in the same way as the standard driver supplied with the printer, and different options will be listed in the Color Controls dialog, which is displayed by clicking the Settings button in the Printer Settings tab.

Mac OS X

Using the dialog for the PS driver supplied with this product as a guide, this section explores the differences between it and the standard driver supplied with the printer and describes the features unique to the PS printer driver.

The Printer Settings Dialog

With the exception of Edge Smoothing, the dialog displayed when Off is selected for PostScript Color Transformation in the driver options dialog is identical to that displayed by the standard driver supplied with the printer.

	Printer Settings +	
	Page Setup: Roll Paper \$	
	Roll Switch: Auto \$	
	Roll Paper Width: 420 mm \$	
	Media Type: EPSON Plain Paper <doubleweight> \$</doubleweight>	
0—	Printer information has been acquired. Acquire Info	
•	Print Mode: Color/B&W Photo 🗘	
0 0 0	Dot Correction	
4—	RGB Source: Adobe RGB (1998) ‡	
6—	CMYK Simulation: Euroscale Coated v2 +	l
	Settings 2	j
	Resolution: Speed – 360x720 dpi 💠	
	🗌 Finest Detail	
	Iigh Speed	8
	Cancel	rint

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Select Target	Not available
2	Color Mode	Not shown, but can be adjusted by clicking Settings button to display Color Controls dialog.
8	Edge Smoothing	Dot Correction
4	Not available	RGB Source
6	Not available	CMYK Simulation

Features Unique to the PS Printer Driver Asterisks ("*") indicate factory default settings.

ltem	Option	Description	
3	Dot Correction	This option may or may not be displayed, depending on the selected Media Type. Select it to improve the fidelity of line reproduction and reduce broken or deformed lines in output from CAD programs and the like.	
4	RGB Source	Choose the simulated RGB color definition when printing RGB data. This option is not available when black is selected.	
		sRGB The color standard for most monitors.	
		Adobe RGB (1998) * A color standard defined by Adobe.	
		Apple RGB The color standard for Apple monitors.	
		ColorMatch RGB	The color standard for Radius PressView monitors.
		Off	No simulation.

ltem	Option	Description	
5	CMYK Simulation		olor definition for output that reproduces the colors of the CMYK nis option is not available when black is selected.
		SWOP v2	A standard used in the US publishing industry for color printing on coated paper.
		US Web Uncoated v2	A standard used in the US publishing industry for color printing on wood free paper.
		US Sheetfed Coated v2	A standard used in the US publishing industry for color printing on coated paper.
		US Sheetfed Uncoatedv2	A standard used in the US publishing industry for color printing on wood free paper.
		Coated GRACoL 2006	An US color standard for sheet-fed offset printing on Grade 1 paper.
		SWOP Grade 3 Paper	A standard used in the US publishing industry for color printing on Grade 3 paper.
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		Uncoated FOGRA29	An ISO color standard for offset printing on wood free paper.
		Coated FOGRA39	An ISO color standard for offset printing on offset glossy or matte-coated paper.
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		JapanColor2002Newspape	A Japanese color standard for newsprint, developed principally by the ISO/TC130 National Committee.
		JapanColor2003WebCoate	Version 2 of a color standard developed by the Japan Magazine Publishers Association (JMPA).
		EPSON_TOYO	A color standard developed by Epson and adapted to the unique colors of Toyo inks.
		EPSON_DIC	A color standard developed by Epson and adapted to the unique colors of DIC inks.
		Off	No simulation.

The Color Controls Dialog

This section describes the differences in the **Color Controls** dialog, which is displayed by clicking the **Settings** button in the **Printer Settings** dialog. Note that the dialog displayed when **Off** is selected for **PostScript Color Transformation** in the driver options dialog is identical to that displayed by the standard driver supplied with the printer.

Rendering Intent:	Perceptual	Ŧ
	Black Point Compensatio	n
Gamma:	2.2	\$
Brightness		
Contrast	0	1
Saturation	0	
Cyan	0	T.
Magenta	0	
Yellow	0	

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Not available	Rendering Intent
0	Not available	Black Point Compensation

Features Unique to the PS Printer Driver

Asterisks ("*") indicate factory default settings.

ltem	Option	Description	
0	Rendering Intent	Choose from the follo CMYK and RGB simula	wing four color-space conversion options (rendering intents) for ations.
		Absolute	Absolute color coordinates are used to adapt the colors in the original data to the color space used in printing. No color correction is applied to the white point (color temperature) in the original data or printed output. Choose this option for logo colors and other jobs where accurate color reproduction is required.
		Relative	The color coordinates and white point (color temperature) of the output color space are matched to those of the color space used in the original data. This method is frequently used for color matching.
		Perceptual *	Colors are converted for a natural-looking match. Choose this option for photographs.
		Saturation	Greater weight is given to the vividness of colors than to the accuracy with which they are reproduced. Choose this option for business graphics, including graphs and figures, in which bright colors are preferred.
0	Black Point Compensation		bu notice loss of detail in shadows when converting from a color mut to one with a narrow gamut. efault.

The Page Layout Settings Dialog

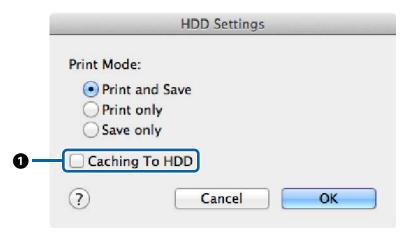
	Page Layou	t Settings	.
Reduce/Enlarge			
• Fit to Roll Pa	per Width		Å
Fit Short S	ide to Roll Pa	per Width	•A•
Fit Long S	ide to Roll Pap	oer Width	
Specify Size			
 Width 	20.99	cm	Paper Size:
CLength	29.70	cm	A4
O Scale to	100.00	\$%	Output Size: 111.80 x 159.39 cm
Fit to Output	Size		111.80 x 159.59 cm
A4		÷	
Borderless		Expansion	
-			
•			
			Roll Paper Width: 44 inch (11
			Cancel

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Mirror Image	Not listed, but available in the Layout dialog.

The Hard Disk Unit Settings Dialog

This section describes the differences in the **Hard Disk Unit Settings** dialog, which is displayed by clicking the **Settings** button in the **Advanced** dialog.



Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Print after Transmission Completed	Caching to HDD

Features Unique to the PS Printer Driver

ltem	Option	Description
0	Caching to HDD	This item should not be selected in normal circumstances. Select this option only if the print head stops frequently during printing while the unit is processing data. This option is off by default.

The Driver Options Dialog

This section describes the differences in the driver options dialog, which is displayed by selecting **System Preferences** in the Apple menu, clicking **Print & Scan**, and then clicking the **Options & Supplies...** button.

		r's options, confirm and its optional har		
documentation.				
PostScript Color Tr	ansformation:	Dn ‡]		
Acquire printer inf		ically: On ‡)	
Maintenance Call N	Notification: On	\$		
Warning Notificatio	ons: Off 🗧 🗧)		
Establish bidirectio	onal communicatio	on: On 🛟		

Differences Between the Two Driver Dialogs

ltem	Standard driver supplied with printer	PS driver supplied with this product
0	Not available	PostScript Color Transformation
		This option is on by default.

Features Unique to the PS Printer Driver

ltem	Option	Description
0	PostScript Color Transformation	Select On to process colors using the target CMYK or RGB profile for PostScript color conversion. If Off is selected, the unit will process colors in the same way as the standard driver supplied with the printer, and different options will be listed in the Color Controls dialog, which is displayed by clicking the Settings button in the Printer Settings dialog.

Using the Supplied Software

Using the Supplied Software

EPSON LFP Remote Panel 2

This chapter describes features in the version of EPSON LFP Remote Panel 2 supplied on the software disc bundled with this product that are available only when this product is connected. See online help for information on other features.

Storing and Using Custom Paper Sizes

When this product is connected to the printer, you can store custom paper sizes that include printer profiles from EPSON LFP Remote Panel 2. This section describes how to store and use custom paper sizes.

Launching EPSON LFP Remote Panel 2

Windows



Open the **Utility** tab in the **Print Setup** dialog for your PS driver.



Click EPSON LFP Remote Panel 2.



Mac OS X Versions 10.6.x or later

Select **System Preferences** in the Apple menu and click **Print & Scan** (or **Print & Fax**). Select your printer and click **Options & Supplies** > **Utility** > **Open Printer Utility**.

Mac OS X Version 10.5.8



2

Select **System Preferences** in the Apple menu and click **Print & Fax**.

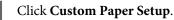


1

Select your printer and click **Open Print Queue** > **Utility**.

Saving Custom Paper Sizes

Although the description in this section is illustrated with Windows dialogs, the procedure for Mac OS X is similar.



Printer	Epson XXXXX Series 👻
k	Paper Feed Adjuster Fine-tunes the Paper Feed.
	Custom Paper Setup Registers a new paper to the list.
	Print Head Maintenance Performs Nozzle Check or Head Cleaning.



Select **#X Unregistered** for **Custom Name**.





For **Reference Media Type**, select the media type used when the printer profile was created.

File(E)	om Paper Setup - Eps Edit(<u>E</u>) Help(<u>H</u>)		
	Printer	EPSON XXXXX Series	
Γ	Custom Name	#1 Unregistered	•
Rofe	erence Media Type	Premium Luster Photo Paper (260) -	Details

Adjust settings as required.

Using the Supplied Software



Click the **More Settings 1** tab, select a profile, and click **Save**.

Paper Feed Adjustment Value		-0		0	Details
	-70		70	(0.01%)	
Printer Profile	XXXXX				Browse
	Ľ				



Enter a paper name in the **Save** dialog and click **OK**.

Save	X
Paper Number	
#1	•
Custom Name	
XXXX	
	OK Cancel

7

Confirm that the new custom paper name is displayed in the **Custom Paper Setup** dialog and click **Activate**.

After clicking Activate, exit the software.

👻 Custom Paper Setup - Eps	n XXXXX Series	
File(<u>F</u>) Edit(<u>F</u>) Help(<u>H</u>)		
Printer	EPSON XXXXX Series	
Custom Name	#1 XXXX	
Reference Media Type	Premium Luster Photo Paper (260) 🔹	Details
Paper Thickness	3 (x 0.1 mm)	Thickness Pattern
Platen Gap	Wider	
More Settings 1 More Set	tings 2	
Paper Feed Adjustment V	alue	Details
	-70 70 (0.01	%)
Printer Profile	XXXXX	Browse
Help	Activate Save	Close

Note:

Custom paper settings can also be activated from the printer control panel. For details, see the manual supplied with the printer. 8

Check custom paper settings.

Use the **PS Status Sheet** and **Print Paper List** options in the printer control panel to confirm that the new settings have been saved. For information on printing the status sheet and paper list, see the manual supplied with the printer.

Note:

Note that because custom paper settings may be changed if multiple users have access to the product, it is a good idea to provide a detailed description of each option (and file copies of the status sheet and paper list) when creating custom paper settings.

Print Settings

Configure the PS printer driver as follows when printing using custom paper settings:

 Confirm that the PostScript Color Transformation option is checked or that On is selected for PostScript Color Transformation.

The Speed and Progress Dialog" on page 20

∠ The Driver Options Dialog" on page 29

□ Confirm that the Media Type matches the **Reference Media Type** selected when the custom paper settings were created.

Note:

If the printer supports multiple rolls, confirm that the desired roll is selected for Source.

Deleting Custom Paper Settings

Custom paper settings can be deleted using the **Reset PS Settings** option in the printer control panel. Settings can not be deleted individually.

PS Folder

This section describes how to use the PS Folder application included on the software disc supplied with this product.

PS Folder lets you print files in supported formats by dragging and dropping them onto the PS Folder icon, eliminating the need to open files in another application. See the following sections for installation instructions.

Windows 2 "Installing PS Folder" on page 8

Mac OS X 2 "Installing PS Folder" on page 9

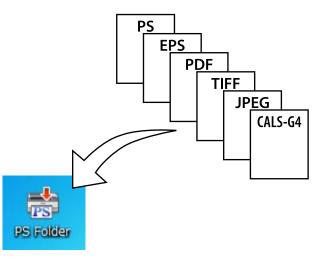
Supported File Types

File type	Description
PS	PostScript files (ASCII only)
EPS	Encapsulated PostScript files (ASCII only; binary not supported)
	If you are unable to print EPS files, select Add showpage in the file options and try again.
PDF	PDF version: PDF 1.7 Extension Level 3
	(Adobe Acrobat 10.0 equivalent files with password protection are also supported)
	PDF files in versions later than 1.7 Extension Level 3 will print without errors so long as they do not use Extension Level functions.
TIFF	Tagged Image File Format files
	Baseline TIFF is supported.
	One pixel is treated as equivalent to one point.
	The following types of compression are supported: CCITT1D, Group 3 Fax, Group 4 Fax, LZW, JPEG, and PackBits (Run Length Encoding).
	ZIP compression, TIFF (TTN2), and 1-bit, YCbCr, multi-page, and alpha-channel TIFFs are not supported.

File type	Description
JPEG	Joint Photographic Experts Group files Baseline JPEG is supported.
	One pixel is treated as equivalent to one point.
	Progressive compression and JPEG 2000 are not supported.
CALS-G4 (Type 1)	Rasterized image files in CALS Type 1 format

Using PS Folder

An icon for this application is created on the desktop at installation. Files can be printed simply by dropping them onto the icon.



Creating Additional Icons

You can create additional PS Folder icons for other printers or printer settings. This section describes how to add PS Folder icons.

Windows



Right click on an empty area of the desktop to display a context menu.



Select **EPSON PS Folder** from the New submenu.

Enter a name for the new PS Folder.

Mac OS X



Double-click the EPSON_PS_Folder.zip icon on the desktop.

Using the Supplied Software



Move the newly-extracted copy of PS Folder to the desired location.

Printing Password-Protected PDF Files

Printing password-protected PDF files is simple. When you drop a password-protected PDF file onto the application icon on the desktop, you will be prompted to enter a password.^{*} Enter the password and click **OK** to print the file.

* Depending on PDF settings, you may not be prompted to enter a password. If a password-entry dialog is not displayed, enter the password using the printer control panel. For information on using the control panel, see the manual supplied with the printer.

📸 UsersGuide.pdf	×
Enter PDF password.	
	ОК

Advanced Settings

To display the main application dialog, double-click the icon on the desktop. Click **Settings** or **OK** to open the application properties dialog and view or adjust printer settings and file options.

Choosing a Printer

If a printer list is not displayed even though a PS driver supported by the application is installed on the computer, check that the PS driver is correctly installed. Choose a printer from the list. Under Mac OS X, the printer list will not be displayed again after you have selected a printer.

📩 PS Fold	er		—
Printer:	EPSON XXXXXXX Series	•	Settings

Printer Settings

Select the **Printer Settings** tab in the dialog displayed when you click the **Settings** button in the printer selection dialog (Windows) or double-click the application icon (Mac OS X). Adjust basic print settings for the application as a whole or make changes to print settings for individual files.

Folder Settings	8
Print Settings File Options	
Printer Setting	
EPSON XXXXXXX	*
Page Size: Auto	
Source: Auto	
Color Mode: Color	E
Print Quality: Draft	=
High Speed: On	
Auto Rotate: Off	
Borderless: Off	
RGB Source: Adobe RGB (1998)	
CMYK Simulation: Euroscale Coate	
Rendering Intent: Perceptual	
Auto Cut: Off	
Print Page Line: Off	
Save Roll Paper: Off	Ŧ
ОК Саг	
OK Car	icei

Using the Supplied Software

File Option

Select the **File Option** tab in the dialog displayed when you click the **Settings** button in the printer selection dialog (Windows) or double-click the application icon (Mac OS X). Adjust settings for each file type.

Folder Settings
Print Settings File Options
PDF
Auto rotate and center page
✓ Fit to page
Reverse page
Use Overprint Preview
EPS
Add showpage
JPEG/TIFF
Auto rotate and center page
✓ Fit to page
Mirror
OK Cancel

PDF

Option	Description	
Auto rotate and Center Page	The print job is automatically rotated and printed in the center of pages of the selected size. Use the Page Size option in the Printer Settings tab to choose the page size. This option has no effect when Auto is selected for Page Size .	
Fit to page	Fit output to the selected page size. Use the Page Size option in the Printer Settings tab to choose the page size. This option has no effect when Auto is selected for Page Size .	
Reverse page	Reverse the order of pages when printing multi-page documents.	
Use Overprint Preview	Show overprinted colors when printing.	

EPS

Option	Description	
Add showpage	Select this option if you are unable to print EPS files.	
	This option adds a "showpage" command to EPS files. Some EPS files may require a "showpage" command; select this option if you are unable to print EPS files. If the file already contains a "showpage" command, selecting this option will result in a blank page being printed.	

TIFF/JPEG

Option	Description
Auto rotate and Center Page	The print job is automatically rotated and printed in the center of pages of the selected size. Use the Page Size option in the Printer Settings tab to choose the page size. This option has no effect when Auto is selected for Page Size .
Fit to page	Fit output to the selected page size. Use the Page Size option in the Printer Settings tab to choose the page size. This option has no effect when Auto is selected for Page Size .
Mirror	Print a mirror image.

Troubleshooting

This chapter lists PostScript error messages and details the steps to take when the printer fails to print. For information on troubleshooting non-PostScript-related issues, see the manual supplied with the printer.

Control Panel Messages

If the message shown below is displayed, refer to the solution listed and take the necessary steps.

Message	What to do
Firmware Error Firmware mismatch between PS3 Expansion Unit and printer. Refer to manual for details.	The firmware version for this product does not match the printer firmware version. Update the firmware for the product and printer to the latest versions. The latest versions can be downloaded from the Epson website.

Unable to Print

This section describes how to deal with PostScript-related issues. For information on troubleshooting other problems, see the manual supplied with the printer.

Errors Occur

Does your operating system meet PS driver system requirements? PS driver system requirements are listed on the following page.

"System Requirements" on page 38

Printer Inoperable

Are you using the correct printer driver? • Windows

Confirm that the PS driver is selected as the default printer.

(1) Click Start and select Devices and Printers.

In Windows 8.1/Windows 8, right click on the bottom left corner of the display and select **Control Panel** from the menu that appears. In Windows XP, click **Start** and select **Settings** > **Printers and Faxes**,

(2) Right click the icon for your PS driver.

(3) Confirm that the **Set as Default Printer** box is checked. If it is not, check it.

• Mac OS X

Confirm that your printer is listed in the Printer Setup Utility.

∠ "Installation and Setup" on page 9

Encrypted PDFs Not Printing

Does your account have printing privileges? Check your account privileges.

PS Files Not Printing

■ **Does the printer recognize this product?** Use the **Option Setup** command in the printer control panel to check whether the printer recognizes this product.

Print Quality Issues

Printed Font/Characters Do Not Match Display

Are the fonts embedded in the PDF file? If they are not, the fonts will be replaced as appropriate for printing.

Letters or Images Are Ragged

 Is Speed selected for Printer Settings > Resolution? Select Quality or High Quality for Resolution in the Advanced Settings for Print Quality or Mode.

Light-Colored Lines Are Broken

Use **Dot Correction**.

Colors Do Not Match

- Are you comparing the output to that produced by the standard driver supplied with the printer? Try disabling the PostScript Color Transformation option in the PS driver supplied with this product.
- Does the media match the Reference Media Type selected for custom paper settings that include printer profiles?

Colors will not match if you do not use media selected for **Reference Media Type**. Check the **Reference Media Type**.

Have custom paper settings that include a printer profile been changed? If this product available to multiple users, custom settings may have been changed by another user. Check that current settings match those listed in the status sheet printed when the custom settings were created.

Is the printer set to the Paper Number used in the creation of custom paper settings that include a printer profile?

If this product available to multiple users, the setting may have been changed by another user. Use the printer driver **Acquire Info** option to check the **Paper Number**.

Printing Results Are Uneven

 Is the print head pausing frequently? The print head may be pausing while the printer waits for data during printing. Try selecting On for Caching To HDD in the printer control panel menus.

Other Issues

PS Driver Limitations

Windows may not correctly spool the data for large print jobs. If this occurs, select **Print Directly to Printer** for **Advanced Options** in the printer properties dialog.

Restrictions on Installing Printer Fonts

- Do not print or perform other operations while installing printer fonts.
- □ When installing printer fonts, select **PostScript** for Administrator Menu > **Printer Mode** in the control panel. We recommend that you select **Auto** once installation is complete.

System Requirements

The system requirements for installing and using the software for this product are listed below.

Windows

OS	Windows XP/Windows XP x64
	Windows Vista/Windows Vista x64
	Windows 7/Windows 7 x64
	Windows 8/Windows 8 x64
	Windows 8.1/Windows 8.1 x64
	Windows Server 2003 [*] /Windows Server 2003 x64 [*] /Windows Server 2008 [*] /Windows Server 2008 x64 [*] / Windows Server 2008R2 x64 [*] / Windows Server 2012 [*]
СРИ	Core 2 Duo 3.05 GHz or better
Available memory	1 GB or more
Available hard disk space	32 GB or more
Display resolution	WXGA (1280 × 768) or higher

* EPSON PS Folder and EPSON LFP Remote Panel 2 are not supported.

Note:

Log in to an "Administrator" account (an account with administrator privileges) when installing the software.

Mac OS X

OS	Mac OS X version 10.5.8 or later
CPU	Core 2 Duo 3.06 GHz or better
Memory	4 GB or more
Available hard disk space	32 GB or more
Display resolution	WXGA (1280 × 768) or higher

Samples of Built-in Fonts

PostScript Fonts

Albertus

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Albertus Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Albertus Light ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Antipue Olive Roman

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Antipue Olive Italic ABCDEFCHIJKLMNOPQRSTUVWXYZ abcdefghijkImnopqrstuvwxyz 0123456789

Antipue Olive Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Antipue Olive Compact

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

≤±⊕∆★14±↓↓↓↓↓===₩○<>♪10€#®()=\$2000# 0123456789

፨₺⋣▲☆☆⊾ᆂ∁Ϯ∁⊒௹⋠⊖▽⋒⊛ℱ℗ӚҍҾ⋩℧Ҟ

Carta

ITC Bookman Demi Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Bookman Demi ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Bookman Light Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Bookman Light ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni Poster Compressed ABCDEFGHLJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni Poste ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni Bold Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni Italic ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Bodoni ABCDEFGHLIKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Avant Garde Gothic Demi Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Avant Garde Gothic Demi ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

ITC Avant Garde Gothic Book Oblique **ABCDEFGHIJKLMNOPQRSTUVWXYZ** abcdefghijklmnopqrstuvwxyz 0123456789

ITC Avant Garde Gothic Book **ABCDEFGHIJKLMNOPQRSTUVWXYZ** abcdefghijklmnoparstuvwxyz 0123456789

> Eurostile Extended No.2 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Eurostile Bold Extended No.2 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Eurostile Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Furostila ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Courier Bold Oblique ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Courier Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Courier Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Courier ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Coronet ABCDEFGAYJKLMNOPQRSTUWXYZ abcdəfghijklənnəpqəsturwyz 0123456789

Copperplate Gothic 33BC ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Copperplate Gothic 32BC ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789

Cooper Black Italic ABCDEFGHLJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Cooper Black ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Clarendon Bold ABCDEFGHLJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Clarendon Light ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Appendix

Clarendon

Adobe Postscript 3 Expansion Unit User's Guide

GillSans ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPORSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

GillSans Italic

GillSans Bold

GillSans Bold Italic

GillSans Condensed ABCDEFGHIIKLMNOPORSTUVWXYZ

Helvetica Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPORSTUVWXYZ

Helvetica Bold Oblique

Helvetica Condensed

Helvetica Condensed Oblique

Helvetica Condensed Bold Oblique

Helvetica Narrow

Helvetica Narrow Oblique

Helvetica Narrow Bold

Joanna

Joanna Italic

Joanna Bold

Joanna Bold Italic

Letter Gothic

Helvetica Narrow Bold Oblique

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789 Helvetica Condensed Bold

abcdefghijklmnopgrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopgrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPORSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789 GillSans Condensed Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

GillSans Light ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

GillSans Light Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

GillSans Extra Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Goudy Oldstyle ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Goudy Oldstyle Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Goudy Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Goudy Bold Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Goudy Extra Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Helvetica ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Helvetica Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789 Letter Gothic Slanted ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789

Oxford

Letter Gothic Bold ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Letter Gothic Bold Slanted **ABCDEFGHIJKLMNOPORSTUVWXYZ** abcdefghijk1mnopqrstuvwxyz 0123456789

ITC Lubalin Graph Book ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

ITC Lubalin Graph Book Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

ITC Lubalin Graph Demi ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopgrstuvwxyz 0123456789

ITC Lubalin Graph Demi Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

Marigold ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopgrstuvwxyz 0123456789

ITC MonaLisa Recut ABCDEFGHIIKLMNOPORSTUVWXYZ

NewCentury Schoolbook Roman ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopgrstuvwxuz 0123456789

NewCentury Schoolbook Italic

NewCentury Schoolbook Bold

NewCentury Schoolbook Bold Italic

abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ

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Stempel Garamond Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

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ΑΒΧΔΕΦΓΗΙϑΚΛΜΝΟΠΘΡΣΤΥςΩΞΨΖ

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Stempel Garamond Bold Italic

Symbol

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Times Roman

Times Italic

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Stempel Garamond Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Stempel Garamond Roman ABCDEFGHIJKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ABCDEFGHIIKLMNOPORSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

abcdefghijklmnopqrstuvwxyz 0123456789 Palatino Bold Italic

Palatino Bold ABCDEFGHIJKLMNOPORSTUVWXYZ

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

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ABCDEFGHIIKLMNOPORSTUVWXYZ abcderghyklamoporstuvwxyz 0123456789

Palatino Roman

Univers55 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Optima Italic

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Optima Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ

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Optima Bold Italic **ABCDEFGHIJKLMNOPQRSTUVWXYZ** abcdefghijklmnopgrstuvwxyz 0123456789

Univers55 Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers 65 Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Univers65 Bold Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers45 Light ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers45 Light Oblique ABCDEFGHIJKLMNOPQRSTUVVXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Univers57 Condensed ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers 57 Condensed Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Univers67 Condensed Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers67 Condensed Bold Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Univers53 Extended ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Univers53 Extended Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers63 Bold Extended ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Univers63 Bold Extended Oblique ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Zapf Chancery Medium Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

ITC Zapf Dingbats **┆┼┄**�•++>★☆**∁**★★★★☆***************

TrueType Fonts

Apple Chancery ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghíjklmnopqrstuvwxyz 0123456789

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Arial Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Arial Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Arial Bold Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Chicago ABCDEFGHIJKLMNOPORSTUUWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Geneva ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopgrstuvwxyz 0123456789

Hoefler Text ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Hoefler Text Italic ABCDEFGHI7KLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Hoefler Text Black ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz 0123456789

Hoefler Text Black Italic ABCDEFGHIJKLMNOP&RSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Hoefler Ornaments -Main+X

Monaco ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

New York ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Times New Roman ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Times New Roman Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Times New Roman Bold ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Times New Roman Bold Italic ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 0123456789

Wingdings

ⅈ℁ℴℽℸⅇℯⅈⅈℰⅆ℈℈ℰ℁ⅅ⅌ℯℷℴℽ℁ℽÅⅎ℁℄℮ ௐ₰℔℮ℾ⅍ℷ⅌ℋKⅆℛ℈**℮ℾℿℿℿℾℯ**ℽ℄ℽℯℷ℧℧ℋℾℿℂℙⅅℿⅆⅈ℁⅏ℨ℩ⅇ

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