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ILUMINA

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Software Installation Guide

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Illumina Software Installation Guide i

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Colophon

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Chapter 1 - Introduction

About this Book

This book is delivered as an Adobe Acrobat PDF file. It provides a convenient on-screen reference for software installation of your Xanté Ilumina Digital Color Press.

You can use Acrobat bookmarks or search features to navigate and locate information in this manual. If you need to print part of the manual, use Adobe Reader's print command, and choose which pages you want to print. Some pages are deliberately left blank so that the page format is appropriate for duplex (double-sided) printing if you wish.

Manual Conventions

The following conventions are used in this manual:



indicates that you need to press the Return key on a Macintosh or the Enter key on a PC.



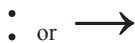
indicates additional or emphasized information to supplement the main text.



indicates caution and instructions that must be followed to avoid damage to files or equipment.



indicates danger and warns that instructions must be followed exactly to avoid personal injury.



indicates the path for a file or folder and links procedure steps.



indicates variable information such as the printer name or model.



Do not connect this product to an uninterruptible power supply (UPS). For further information, please contact Xanté at 1-800-926-8393 or www.Xanté.com. Be sure to use the 15A AC power cord supplied with the Ilumina. Use of a power cord NOT supplied with the Ilumina or use of an extension cord, may result in overheating, and could be a safety hazard.

Chapter 2 - Hardware Connections

Overview

- Ethernet Interface for TCP/IP Setup.
- USB Interface.
- Parallel Interface (LPT1).



You must configure either a local (USB or LPT1) connection for printing directly to your Ilumina or a network (Ethernet) connection for printing over a network.

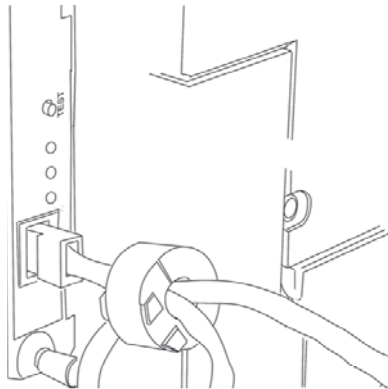
Ethernet Interface for TCP/IP Setup

Install the Ferrite Core

In order to reduce electromagnetic interference — ”noise” that interferes with TVs or other appliances — you must place the enclosed ferrite core on the network cable connected to your printer.

To Install the Ferrite Core:

1. Disconnect the network cable from the Ilumina, if necessary.
2. Loop the cable to keep the ferrite core in place.

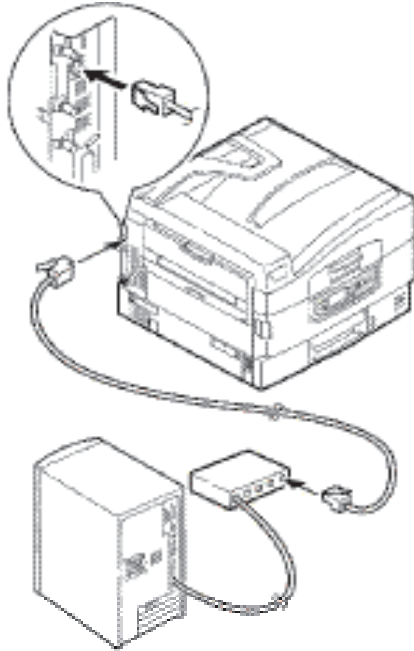


3. Place the open core about 1 inch from the cable connector on the Ilumina end.
4. Press the two halves of the core together until they click shut.



This safeguard is an FCC requirement.

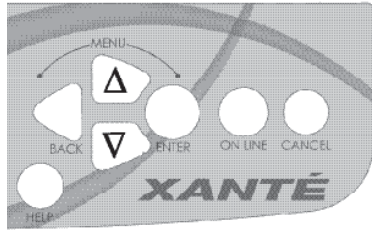
Connect the Ethernet Cable



1. Switch off the Illumina and computer.
2. Remove the protective cover from the network connector on the Illumina.
3. Connect the Ethernet cable between the Illumina and the Ethernet hub.
4. Turn the Illumina ON.
5. Use the front panel to assign the IP Address.

Assign an IP Address to the Illumina

If you are not using DHCP, you need to obtain an IP Address from your network Administrator and enter it using the front panel:



1. Confirm that the Illumina displays [Ready To Print].
2. Press ∇ until [Admin Setup] displays. Press ENTER.
3. Enter the password. Press either \triangle or ∇ to enter the first figure of the password. Press ENTER to proceed to the next figure.



The default password is 0000.

Hold down the key more than two seconds to fast forward.

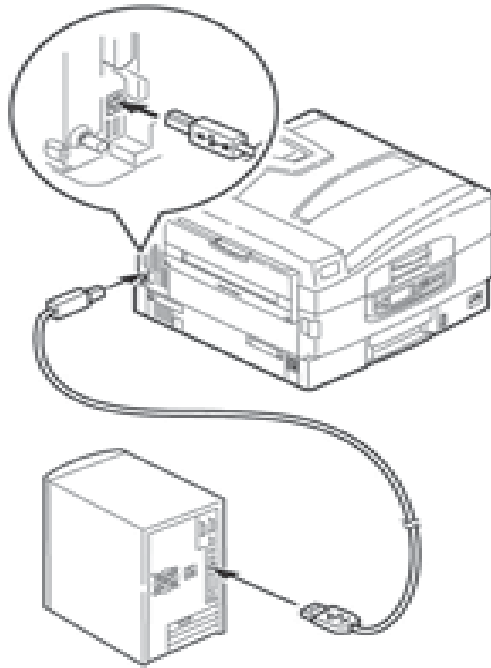
4. Press ENTER again after completing the password.
5. Press \triangle until [Network Setup] displays. Press ENTER.
6. Press \triangle until [Slot1: 100/10 Base] displays. Press ENTER.
7. Press ∇ until [IP Address] displays. Press ENTER.
8. Press either \triangle or ∇ to set the first figure of the IP address. Press ENTER to proceed to the next section of numbers.
9. Repeat steps 8 and 9 to set all digits.
10. Press \blacktriangleleft and repeat steps 7 through 10 to set the [Subnet Mask] and [Gateway Address].
11. Press ONLINE until [Ready To Print] displays.
12. Continue to Chapter 3 for PC or Chapter 4 for Macintosh driver installation.

USB Interface

Connect the USB Cable

Requirements:

- USB cable version 2.0 or above.
- PC running Windows 98 or above.
- Mac running OS 9.04 or above.



1. Turn Ilumina power OFF.
2. Connect the USB cable between the Ilumina and the computer.
3. Continue to Chapter 3 for PC or Chapter 4 for Macintosh driver installation.



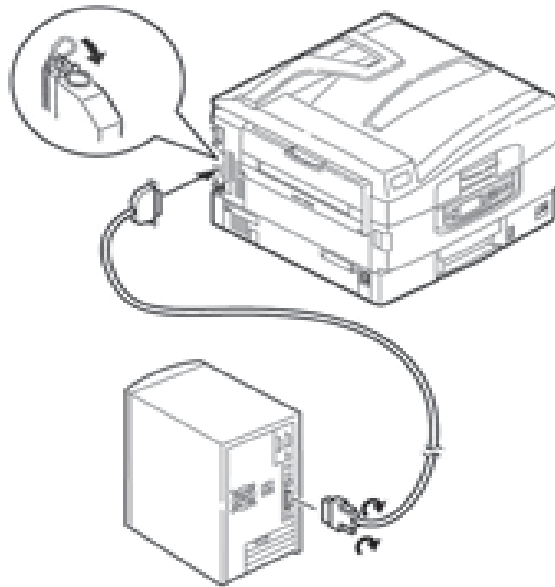
Printer operation is not assured if a USB compatible device is connected concurrently with it. If a USB hub is used, it must be directly connected to the computer.

Parallel Interface (LPT1)

Connect the Parallel Cable

Requirements:

- PC running Windows 98 or above.
- Bidirectional (IEEE 1284 compliant) parallel cable.
The cable must be shielded and UL and CSA approved.



1. Make sure the Illumina is powered OFF.
2. Connect a parallel cable between the Illumina and computer.
3. Continue to Chapter 3 for PC driver installation.

Chapter 3 - Windows Installation

Overview

- Selecting a Printer Driver in Windows.
- Installing Optional Components.
- Installing the Ilumina Driver for a TCP/IP Connection.
- Discover the Ilumina using the LPR Utility.
- Installing the Ilumina Driver for a USB Connection.
- Installing the Ilumina Driver for a Parallel (LPT1) Connection.

Select a Printer Driver in Windows

Select a driver appropriate for your application.

PostScript Printer Driver

If you use PostScript fonts, or you will be printing PostScript graphics, choose this driver. Performance is faster and graphics print at their best quality.

PCL Printer Driver

If you use TrueType fonts and you do not print PostScript (including “.eps” files) graphics, choose this driver. This is more efficient and gives good results.

You can install both drivers and use either one depending on your application. However, each driver must be installed individually.

Installing Optional Components

If your Ilumina has optional components (i.e., additional paper trays, RAM, etc.), they must be activated before they can be used. See Chapter 5 for instruction on how to activate these options for your operating system.

Installing the Ilumina Driver for a TCP/IP Connection

1. Make sure the Ethernet cable is connected and your Ilumina is turned ON.
2. Insert CD1 into your CD-ROM drive. The CD will autorun.
If it does not autorun, click [Start] → [Run] → [Browse].
Browse to your CD-ROM drive. Double-click [Install.exe].
3. The License Agreement will appear. Click [Next] to accept.
4. Select your language if needed.

5. Select [Custom Install] to install the printer driver and software utilities. To install only the Ilumina driver, select [Minimal Install] and skip to Step 7.
6. Select [Printer Driver Installer].
7. Select [Network Printer]. Click [Next].
8. Select [Directly to the Network] using [TCP/IP]. Click [Next].
9. The TCP/IP Connection screen will appear. Select [Search Address]. Click [Next].
10. Highlight your Ilumina. Click [Next].
11. Select the [PS] or [PCL] driver under Printer Emulation. Click [Next].
12. Follow the on-screen instructions to complete the installation.

Discover the Ilumina using the LPR Utility

The LPR Utility is installed automatically with the network Ilumina drivers.



In order to send documents to the Ilumina, the LPR utility must be installed. LPR installs automatically when the drivers are installed using the Menu Installer as instructed here. If drivers are installed using Windows “Add Printer Wizard,” you must manually load the LPR Utility from the Menu Installer on CD1. To do this, click [Custom Install] → [Network Software] → [Installation/Config] → [LPR Utility].

To discover the Ilumina, do the following:

1. Click [Start] → [Programs] → [Xanté] → [Xanté LPR Utility].
2. Click [Remote Print]. Then, click [Add Printer].
3. Select your Ilumina from the drop-down list
4. Enter the IP Address manually or click [Discover] and wait for the Ilumina to be discovered.
5. Click [OK].

Installing the Ilumina Driver for a USB Connection



The installation procedure may vary slightly depending on the operating system you are using. Drivers are provided for Windows XP/2000/Me/98.

1. Make sure the USB cable is connected and your Ilumina is turned OFF.
2. Insert CD1 into your CD-ROM drive. The CD will autorun.
If it does not autorun, click [Start] → [Run] → [Browse].
Browse to your CD-ROM drive. Double-click [Install.exe].
3. The License Agreement will appear. Click [Next] to accept.
4. Select your language if needed.
5. Select [Custom Install] to install the printer driver and software utilities. To install only the Ilumina driver, select [Minimal Install] and skip the next step.
6. Select [Printer Driver Installer].
7. Select [Local Printer]. Click [Next].
8. Select [USB]. Click [Next].
9. Select the [PS] or [PCL] driver under Printer Emulation. Click [Next].
10. If prompted, type a name for your Ilumina. Click [Next].
11. If prompted, select “Do not share this printer.” Click [Next].
12. Drivers will begin to copy.
If a connect cable message appears, follow the on-screen instructions.
13. Switch the Ilumina ON.



If the “New Hardware Found” Wizard displays:

On Win 98: Select “Search for the best driver for your device.”
Click [Next]. Select your CD-ROM drive then click [Next].

On Win XP and Win Me: Select “Install the software Automatically”
or “Automatic Search...” and click [Next].

14. Click [Finish] to complete the installation.

Enable the USB Port

1. Click [Start] → [Settings] → [Printers].
2. Right click the Ilumina icon and go to [Properties].
3. Click the [Ports] or [Details] tab according to your version of Windows.
4. Select the [USB001] or [OP1USB1] port under “Print to the following port.”

Print a Test Page

1. Click [Start] → [Settings] → [Printers].
2. Right click the Ilumina icon and go to [Properties].
3. Click the [General Tab] and click the [Print Test Page] button.
4. Click [OK] to close the Properties window.

Installing the Ilumina Driver for a Parallel (LPT1) Connection



The installation procedure may vary slightly depending on the operating system you are using. Drivers are provided for Windows XP/2000/Me/98.

1. Make sure the parallel cable is connected and that your Ilumina is turned OFF.
2. Insert CD1 into your CD-ROM drive. The CD will autorun.

If it does not autorun, click [Start] → [Run] → [Browse].
Browse to your CD-ROM drive. Double-click [Install.exe].
3. The License Agreement will appear. Click [Next] to accept.
4. Select your language if needed.
5. Select [Custom Install] to install the printer driver and software utilities. To install only the Ilumina driver, select [Minimal Install] and skip the next step.
6. Select [Printer Driver Installer].
7. Select [Local Printer]. Click [Next].
8. Select [LPT1]. Click [Next].

9. Select the [PS] or [PCL] driver under Printer Emulation. Click [Next].
10. If prompted, type a name for your Ilumina. Click [Next].
11. If prompted, select “Do not share this printer.” Click [Next].
12. Follow the on-screen instructions to complete the installation. Click [Finish].
13. Switch the Ilumina ON.

Print a Test Page

1. Click [Start] → [Settings] → [Printers].
2. Right click the Ilumina icon and go to [Properties].
3. Click the [General Tab] and click the [Print Test Page] button.
4. Click [OK] to close the Properties window.

Chapter 4 - Macintosh Installation

Overview

- PostScript Printer Driver.
- Installing Optional Components.
- Installing Additional Utilities.
- Installation for Mac OS 9.
- Installation for Mac OS X.

PostScript Printer Driver

If you use PostScript fonts, or you will be printing PostScript graphics, choose this driver. Performance is faster and graphics print at their best quality.



The PCL Driver is not available for Mac OS.

Installing Optional Components

If your Illumina has optional components (i.e., additional paper trays, RAM, etc.), they must be activated before they can be used. See Chapter 5 for instruction on how to activate these options for your operating system.

Installing Additional Utilities

In the CD1 Menu Installer you can install additional Network and Productivity Software. For more information on these utilities see the *Utilities Guide*.



Not all utilities are available for all versions of Mac OS.
See the OS versions listed on the [Custom Install] screen.

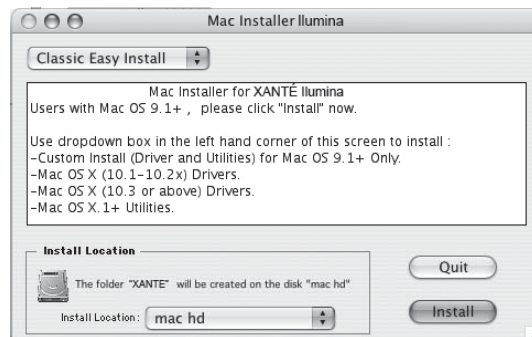
To install additional utilities, select [Custom Install]. Click the box next to each utility that you want to install and click [Install].

Installation for Mac OS 9

Installing the Driver for Ethernet and USB Connections

1. Make sure the Ethernet cable is connected and your Illumina is turned ON.
2. Insert CD1 into your CD-ROM drive.
3. Double-click the Xanté CD icon that appears on the desktop.
4. Double-click the folders for [Mac] → [Driver Installers].

5. Double-click your language folder.
6. Double-click the [Mac Installer Ilumina] icon. Click [Continue].
7. Click [Accept] to accept the License Agreement.
8. To select the Ilumina driver plus additional utilities, click [Install].
To install only the Ilumina driver, click [Custom Install].



9. When the installation is complete, click [Quit].
10. Continue to the “Creating the Desktop Icon” for Ethernet or USB.

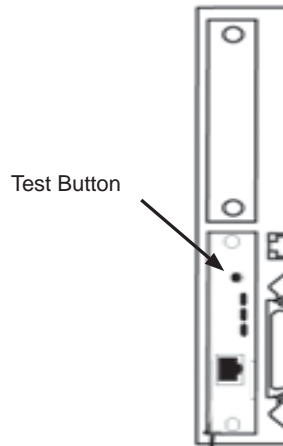
Creating the Desktop Icon for a Ethernet Connection

1. Select [Chooser] from the Apple drop-down menu.
2. Highlight the AdobePS icon and your Ilumina on the right. Click [Create].
3. Wait until your system finishes the Ilumina setup and the desktop icon appears on your desktop.

4. Close the [Chooser] window.



If you need to verify the Ilumina name, press the print server test button to print the Configuration pages. The Ilumina name is on the second page.



Create the Desktop Icon for a USB Connection

1. Locate and double-click the [Desktop Printer Utility] on your hard drive.



Normally located on the hard drive under [Applications] → [Utilities] → [AdobePS Components].

2. In the drop-down box, select [AdobePS].
3. Highlight [Printer (USB)] under “Create Desktop.” Click [OK].
4. Under “Postscript Printer Description (PPD)” click [Change].
5. Highlight your Xanté Ilumina. Click [OK].
6. Under “USB Printer Selection” click [Change].
7. Highlight your Xanté Ilumina. Click [OK].
8. Click [Create] and the Ilumina icon will appear on the desktop. Close [Chooser].
9. Print a test page from TextEdit or your chosen application.

Installation for Mac OS X

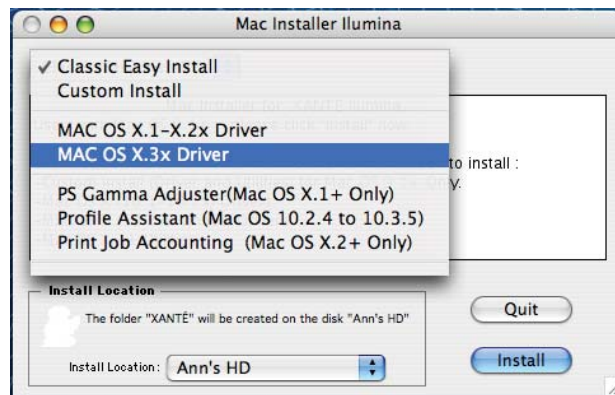
Installing the Driver for Ethernet and USB Connections

1. Make sure the Ethernet cable is connected and your Ilumina is turned ON.
2. Insert CD1 into your CD-ROM drive.
3. Double-click the Xanté CD icon that appears on the desktop.
4. Double-click the folders for [Mac] → [Driver Installers].
5. Double-click your language folder.
6. Double-click the [Mac Installer Ilumina] icon. Click [Continue].



You must be an Admin user to install drivers.

7. Click [Accept] to accept the License Agreement.
8. Click on the drop-down menu. Select the MAC OS X you are using.



9. Click [Install].
10. Click [Continue] to install additional utilities or click [Quit].
11. Continue to the “Adding the Ilumina” for Ethernet or USB.

Adding the Ilumina for an Ethernet Connection

1. Open [Printer Setup Utility] or [Print Center]. Click [Add Printer].



Normally located under [Applications] → [Utilities].

2. Select [IP Printing] or [Line Printer Daemon] from the drop down menu.
3. Enter the IP Address for your Ilumina.
4. Enter “Ilumina” for the queue name.
5. Verify that “Print Using” displays [Xanté Ilumina(PS)]. Click [Add].
6. Print a test page from TextEdit or your chosen application.

Adding the Ilumina for a USB Connection

1. Open [Printer Setup Utility] or [Print Center]. Click [Add Printer].



Normally located under [Applications] → [Utilities].

2. Select [USB] from the drop down menu.
3. Follow the on-screen instructions to complete the installation.
4. Print a test page from TextEdit or your chosen application.

Chapter 5 - Optional Components

Overview

- Configuring or Installing Optional Components (Windows, Mac OS 9 and OS X).
- Setting the Default Software Options (Windows, Mac OS 9 and OS X).
- Installing Additional Utilities (Windows, Mac OS 9 and OS X).

Configuring or Installing Optional Components

If your Ilumina has optional components (i.e., additional paper trays, RAM, etc.), they must be activated before they can be used.



Installable options configuration is only available on OS X 10.2 and above.

Windows

1. Click [Start] → [Settings] → [Printers].
2. Right click the Ilumina icon and go to [Properties].
3. Windows 2000 / XP / NT
Click the [Device Settings Tab] and scroll down to [Installable Options].

Windows Me / 98
Click the [Device Options Tab] and go to [Installable Options] section.
4. Highlight and select installed options from the drop down menu.
5. Click [OK] to close the Properties window.
6. Options will now be available from within your applications.

Mac OS 9

1. Select [Chooser] from the Apple drop-down menu.
2. Highlight the AdobePS icon and your Ilumina. Click [Setup].
3. Select [Configure] and select installed options from the drop down menu.
4. Close [Chooser] and options will be available from within your applications.

Mac OS X

1. Open [Printer Setup Utility].
2. Highlight the Ilumina and click [Show Info].
3. Click on [Name & Location] and select [Installable Options].
4. Highlight and select installed options from the drop down menu.
5. Click [Apply Changes] and close the [Printer Setup Utility].
6. Options will now be available from within your applications.

Setting Default Software Options

This section details how to access the software options from each operating system. For specific information on the individual software options see the *Printing Guide*.

Windows

1. Click [Start] → [Settings] → [Printers].
2. Right click the Ilumina icon and go to [Properties].
3. Windows 2000 / XP / NT
Click the [General Tab] and click the [Printing Preferences] button.
Choose your default settings on the [Layout], [Paper/Quality], [Job Option], and [Color] Tabs and [Advanced] buttons.

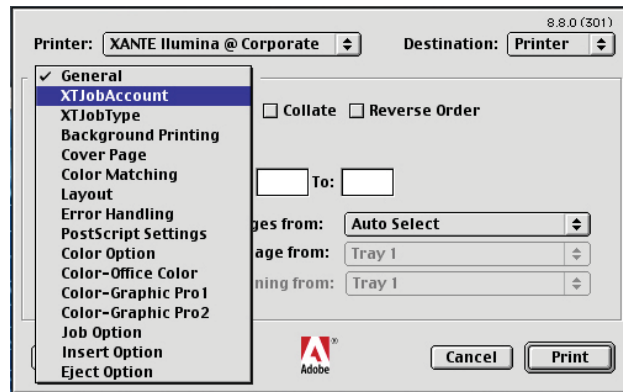
Windows Me / 98
Click the [Device Options Tab] and go to [Printer Features] section.
Highlight and select installed options from the drop down menu.
4. Click [OK] to close the Properties window.



These settings can also be changed on a per-job basis by clicking [Properties] from the application print window.

Mac OS 9

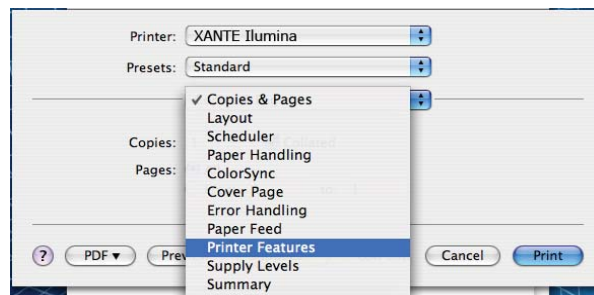
1. From your application, click [File] → [Print].
2. Select [General] and scroll down the list of available options.



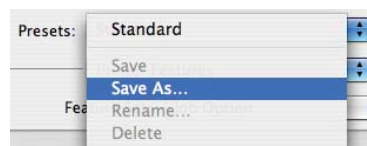
3. Click [Save Settings] to set the default options.

Mac OS X

1. From your application, click [File] → [Print].
2. Select [General] and scroll down the list of available options.



3. Click “Presets” and scroll to [Save As] to save the default options.



Installing Additional Utilities

In the CD1 Menu Installer you can install additional Network and Productivity Software. For more information on these utilities see the *Utilities Guide*.

Windows

To install Network Utilities, select [Custom Install] → [Network Software]. Select [Administration Tools] to install network management tools or [Installation/Config] to install utilities for network printing, installation and configuration.

To install Productivity Software, select [Custom Install] → [Productivity Software] to install color and storage device management software.

Mac OS 9

To install additional utilities, select double-click the [Xanté CD icon] → [Mac] → [Driver Installers] → [Language Folder] → [Mac Installer Ilumina] icon. To install all options, click [Install] or select [Custom Install] and click the boxes next to each utility that you want to install and then click [Install].

Mac OS X

To install additional utilities, select double-click the [Xanté CD icon] → [Mac] → [Driver Installers] → [Language Folder] → [Mac Installer Ilumina] icon. Select [Custom Install] and click the boxes next to each utility that you want to install and click [Install].



Not all utilities are available for all versions of Mac OS.
See the OS versions listed on the [Custom Install] screen.
You must be an Admin user to install additional utilities

Chapter 6 - Manuals, Service, and Support

PDF or On-Line Manuals

For additional information on using Ilumina features as well as Ilumina utilities, see the reference manual located on CD2 or on www.xante.com.

Requirements

Microsoft Internet Explorer version 4.0 or higher and Acrobat Reader

View the Manuals

To open the PDF manuals, you must have Acrobat Reader installed.

1. Insert CD2 into your CD-ROM drive. The CD will autorun.

If it does not autorun, click [Start] → [Run] → [Browse].
Browse to your CD-ROM drive. Double-click [XInstall.exe].
2. Click on the appropriate button to view the PDF manual. Click [Exit] to quit.

Copy the Manuals

To open the PDF manuals, you must have Acrobat Reader installed.

1. Insert CD2 into your CD-ROM drive. The CD will autorun.

If it does not autorun, click [Start] → [Run] → [Browse].
Browse to your CD-ROM drive. Double-click [XInstall.exe].
2. Click on the [Copy Manuals to Desktop] button. Click [Exit] to quit.

Xanté Service and Support Information

If you need further assistance or have questions, see our web site: www.xante.com.

In the U.S. and Canada, call:

1-800-926-8393

In Europe, call:

+31-(0)26-319.32.10

7 a.m. - 6 p.m. CST; Monday - Friday

Fax: 251-473-6503

In other areas, contact your authorized Ilumina Digital Color Press vendor.

