

## Lexmark 4047 5E Help Contents

### Help Topics

[Compatible Fonts and Typefaces](#)

[Copies](#)

[Defining Flash Memory](#)

[Defining Printer Memory](#)

[Fonts Button](#)

[Graphics Resolution](#)

[Ordering Accessories for Lexmark 4047 5E](#)

[Options](#)

[Orientation](#)

[Overlay](#)

[Page Protection](#)

[Paper Sizes](#)

[Paper Source](#)

[PCL Emulation](#)

[Quick Print](#)

[Update](#)

Copyright © 1992-1994 by Lexmark International, Inc.  
*PCL* is a registered trademark of Hewlett-Packard Company.

## Compatible Fonts and Typefaces

Fonts installed through the Font Installer must be in one of the following forms:

- \* **Bitmapped printer (soft) fonts -- disk-based**

Disk-based (soft) bitmapped printer fonts must be in PCL® format. These fonts have various file extensions. For example, .SFP and .SFL.

- \* **Fonts installed through the AutoFont Support Utility**

AutoFont Support uses a file typically called GLUE.TXT

Additionally, if you have Intellifont-for-Windows you can also use the Font Installer to install

- \* **Scalable typeface products --**

Scalable typeface products must be in AGFA Compugraphics'c FAIS format. All other font products require AutoFont Support files or PCM files.

Ordering Additional Fonts and Typefaces

## **Copies**

The **Copies** selection tells Windows how many uncollated copies you want to print from a software application. This setting is independent of the "copies selection" that may be available within the print menus of your software application.

**Do not use the two selections simultaneously.**

As a general rule: Set the number of copies in the printer driver window when you want to print uncollated copies. When you want sets of collated copies, select the number of copies from within your software application.

You should experiment to determine which selection works best for the jobs you print.

## **Defining Flash Memory**

The **Flash Memory** selection, which defines the amount of flash memory installed in a printer, should be configured to match your printer. The Overlay Manager uses this information to determine if an overlay can be downloaded to the printer.

If you are unsure how much flash memory is installed in your printer, you can print a Test Page by selecting SETUP from your Lexmark 4047 5E front panel.

Update

**Ordering Additional Printer Memory**

## Defining Printer Memory

The **Memory** selection, which defines the amount of memory installed in a printer, should be configured to match your printer. Windows uses this information to determine the amount of memory you have available for printing.

If you are unsure how much memory is installed in your printer, you can print a Test Page by selecting SETUP from your Lexmark 4047 5E front panel.

Additional printer memory can eliminate **Memory Full** and **Complex Page** errors if you print complex forms, full-page graphics and/or download many fonts.

Update

**Ordering Additional Printer Memory**

## **Fonts Button**

By clicking on the **Fonts** button you can access the **Font Installer** where you can install new printer fonts or, if you have *Intellifont-for-Windows* scalable typefaces. Step-by-step procedures for installing fonts can be found in the Font Installer help screens.

You can install any PCL® compatible printer fonts with the Font Installer.

## **Ordering Scalable Typefaces and Fonts**

### **Compatible Fonts**

## **Graphics Resolution**

The Graphics Resolution setting in the printer setup dialog box affects the resolution of graphic images. When Quick Print is selected all text is treated as graphic image and is affected by the Graphics Resolution. When PCL® 5 emulation is selected, Quick Print off, the text is not affected.

Graphics resolution is measured in **dots per inch** (dpi). Choosing the highest dpi will produce finer, higher-quality output. The output quality decreases as the resolution decreases. However, on most printers, higher resolution output will take longer to print.

If the printer does not print the entire graphic image on one page and displays a **Memory Full** message, then most likely you either need to install more memory in your printer or choose a lower graphics resolution setting.

### **Ordering Memory**

#### **Memory**

#### **Quick Print**

## **Orientation**

Print orientation can be Portrait or Landscape. Portrait orientation means the page is taller than it is wide when you view the printed text upright. Landscape orientation means the page is wider than it is tall when you view the printed text upright.

## **Page Protection**

"Page Protection" refers to a setting that reserves additional memory for the creation of page images. The page protection feature allows the printer to create an entire page image in memory before physically moving the paper through the printer. This process ensures that the entire page will be printed and helps eliminate the **Complex Page** error that can sometimes appear on the printer's display.

Page Protection can be set to either **OFF** or **ON**. This setting should match the Page Protect selection on your printer's front panel. To verify how your printer is configured, you can print a Test Page by selecting SETUP from your Lexmark 4047 5E front panel.

**NOTE:** This setting does not change any settings within your printer. You must configure your printer using the printer's front panel..

## **Ordering Additional Memory**

To set the printer's Page Protect, using the front panel (from the **READY** screen):

- 1) select **PAGE**,
- 2) select **PROTECT**,
- 3) select either **Off** or **On**,
- 4) press **READY**.

## Paper Source

If you are unsure about which paper source is used in your printer, you can print a Test Page by selecting SETUP from your Lexmark 4047 5E front panel.

The Lexmark 4047 5E has up to two paper trays. You can choose one of the following paper sources:

- \* Upper tray
- \* Lower tray
- \* Manual Feed
- \* Man. Envelope
- \* Auto Select

If you choose Manual Feed or Man. Envelope for the paper source, the printer driver will use this selection only until you exit Windows. The next time you start Windows, the paper source selection will revert to the default paper tray.

Update

**Ordering Paper Trays**

## Paper Size

If you are unsure about which paper size is used in your printer, you can print a Test Page by selecting SETUP from your Lexmark 4047 5E front panel.

The printer driver lets you select the following paper and envelope sizes.

### Paper

Letter	8.5 x 11 inches
Legal	8.5 x 14 inches
Executive	7.25 x 10.5 inches
A4	210 x 297 mm
A5	148 x 210 mm
B5	182 x 257 mm

### Envelopes

Envelope 9	3 7/8 x 8 7/8 inches
Envelope 10	4 1/8 x 9 1/2 inches
Envelope DL	110 x 220 mm
Envelope C5	162 x 229 mm
Envelope B5	176 x 250 mm
Envelope 7 3/4	3 7/8 x 7 1/2 inches

## Options

The Options dialog box allows you to select the following:

Dithering

Contrast Control

Darkness

Print Quality

Fast Printing Direct to Port

Print TrueType as Graphics

Use Printer Patterns

Optimize for Performance

For more information about any of these options, select the **Help** button from the **Options** menus.

## **Ordering Accessories for Lexmark 4047 5E**

To order additional printer memory, paper trays, and font or typeface products, check with your authorized Lexmark or IBM dealer.

To locate your nearest Lexmark dealer call:

USA                                1-800-438-2468

Canada                            1-800-663-7662

Other countries                Contact a Lexmark or IBM sales office

In the USA, to order a Lexmark Business Product Catalog, or to place an order, call Lexmark directly at:  
1-800-438-2468

## **Quick Print**

**Quick Print** uses a special operating mode of the Lexmark 4047 5E to provide high resolution, high speed graphics. For a given Graphics Resolution setting, **Quick Print** is generally faster than PCL® 5 emulation when printing graphics intensive pages that contain a moderate amount of text.

When **Quick Print** is selected, the printer driver sends only graphic images to the printer. Text is rendered into graphic images by the printer driver before being sent to the printer. For this reason, printer resident and downloadable fonts are not available when **Quick Print** is selected.

### **PCL Emulation**

### **Graphics Resolution**

## **PCL Emulation**

PCL Emulation uses the Lexmark 4047 5E's PCL® 5 emulator to process the data describing the page to be printed. When PCL Emulation is selected the printer driver can use the printer's resident fonts. For this reason, text intensive documents will often print faster when PCL Emulation is selected than when Quick Print is selected. Also, PCL Emulation *must* be selected when it is desired to use a printer resident font.

Quick Print

## **Update**

Update uses the bi-directional communication capability of the printer to update the information that the printer driver maintains about the printer's configuration. Some of the items set in this fashion are: installed memory, flash memory installed and optional paper sources installed.

This option is only available when the printer is able to respond to the printer driver's request. For example, the printer must be turned on. If the printer is attached through a network, bi-directional communication between the printer driver and the printer must be supported over that network.

## **Overlay**

By clicking on the Overlay button you can access Overlay Management, where you can store information in the printer, in the form of an overlay, and then use the overlay you stored.

To print the printer's current settings, using the front panel (starting from the **READY** screen):

- 1) select **SETUP**,
- 2) select **TEST PAGE**,
- 3) select **YES**.

**AutoFont Support** files are provided with some font and typeface products. These files contain font metric (width) information used by the Font Installer. AutoFont Support files are usually shipped with special installation utilities that must be run prior to using the Font Installer.

**Binding** refers to the process of joining a stack of printed sheets with stitches (staples), three-hole, glue or some other means.

**WYSIWYG** is an acronym for "What You See Is What Your Get." The screen fonts that appear on your display match the fonts used in your printer.

The term **scalable** describes products that can be reduced or enlarged (scaled) to virtually any point size that your Windows application will support.

Conversely, **bitmapped** fonts are limited to an exact point size. A bitmapped font can not be reduced or enlarged (non-scalable).

A **driver** is a portion of software code that controls commands sent to a device such as a printer or screen. Drivers work automatically so that you don't have to enter programming codes. Drivers allow you to select fonts, set margins, number of copies, etc.

In multiple page jobs that are **uncollated**, several copies of page One are printed followed by several copies of page Two, followed by several copies of page Three, etc.

In multiple page jobs that are **collated**, a complete set of pages in a job are printed followed by another complete set of pages. For example: One copy of Page 1, then Page 2, then Page 3; followed by another copy of Page 1, then Page 2, then Page 3.

*Intellifont-for-Windows* is a software program that includes a special screen font driver. With *Intellifont-for-Windows* loaded, scalable typeface products can be directly installed to produce both printer fonts and screen fonts.

**Manual feed** is often used for printing non-standard sizes of paper, envelopes, labels and transparencies. Also, when an occasional page of special paper, such as letter-head or color paper, is wanted without having to open and load a paper tray.

If **Auto Select** is used when both input paper trays have the same size of paper, the printer will automatically print from the upper tray until it is empty, then continue printing from the lower tray.

Auto Select can also be used if you store different size paper (for example, letter-size paper in one tray and legal-size paper in the other).

**Symbol sets** are unique groupings of characters in a font. Each symbol set is defined with a specific set of applications in mind. WN: Windows is the default symbol set. Other symbol sets are used for math and multi-language purposes. Refer to your printer user's manual for charts showing all the characters in symbol sets.

To receive font files for your Printer Font Cards, contact your Lexmark dealer, point of purchase or your country Lexmark representative.



