

Installing the printer driver.

Before installing the printer driver, we recommend you to make a BACKUP COPY OF THE ORIGINAL DISKETTE and use the copy for the installation procedure: in this way, you can keep the original diskette so that, should any problems arise with the backup copy, you can make another copy.

If the original diskette is damaged, contact the nearest sales and service center.

SYSTEM REQUIREMENTS

To be able to use the printer driver, you must have at least 2 Mbytes of RAM.

The driver was designed to offer optimum performance under Windows: so refer to the Windows documentation to adopt the most suitable system configuration.

HOW TO INSTALL THE PRINTER DRIVER

The printer driver must be installed under Windows, by following the procedure described below:

Run WINDOWS

Double click on CONTROL PANEL and then on PRINTERS.

In the PRINTERS window, if no printer is listed in the list of INSTALLED PRINTERS, click on INSTALL.

If there is one or more printers in the list, click on ADD and then from the list of PRINTERS, select INSTALL UNLISTED OR UPDATED PRINTER and click on INSTALL.

INSERT THE DISKETTE in the drive and click on OK.

From the LIST OF DRIVERS on the diskette, select the driver of the printer to be used and then click on OK.

Check that name of the selected driver has been inserted in the list of INSTALLED PRINTERS and then click on CONNECT.

Select the PRINTER PORT and click on OK.

To terminate the installation procedure, click on CLOSE.

The printer driver parameters presented in dialog boxes are used for setting both the GENERAL FEATURES of the printer selected and specific PRINT QUALITY functions.

The printer parameters are accessed from Windows CONTROL PANEL by double clicking on PRINTERS, selecting the printer required and clicking on SETUP: the general feature dialog box is displayed:

There are four parameters to be set:

- The printing RESOLUTION.
- The PAPER SIZE.
- The paper SOURCE.
- The paper ORIENTATION.

Each parameter is selected by CLICKING ON THE ARROW of the corresponding list box containing all the values that may be set for the parameter.

If you want MORE INFORMATION about all the parameters offered by the driver, click on the HELP button: a guide, organized like the corresponding Windows guide, will be opened.

RESOLUTION

The printing RESOLUTION is the DEGREE OF DEFINITION used for the image printed and is measured in terms of the NUMBER OF DOTS PRINTED ON A LINE PER INCH, both horizontally and vertically. The resolution value is expressed in DPI, DOTS PER INCH.

The three resolutions that can be set are ONLY SIGNIFICANT IN BLACK AND WHITE PRINTING:

300 DOTS PER INCH, for documents that require HIGH DEFINITION.

150 DOTS PER INCH, for documents in which medium DEFINITION IS SUFFICIENT.

75 DOTS PER INCH, for documents, such as drafts, in which only a LEGIBLE DEFINITION is required.

PAPER SIZE

You can set eight different PAPER SIZES:

A4210 x 297 mm	Used on the European market
Letter 8 1/2 x 11 in	Used on the USA market
Legal 8 1/2 x 14 in	Used on the USA market
Executive 7 1/4 x 10 1/2 in	Used on the USA market
A5210 X 148 mm	Used on the European market
Envelope #10 4 1/8 x 9 1/2 in	Used on the USA market
Envelope CS 162 x 229 mm	Used on the European market
Envelope DL 110 x 220 mm	Used on the European market

If you want to use a different page size, select the last item in the list box, USER DEFINED SIZE:

A dialog box will be displayed so you can set the PAGE SIZE you want:

Bear in mind that the size must be expressed in TENTHS OF A MILLIMETER or HUNDREDTHS OF AN INCH: to set a size of 138 mm, you must set 1380 and not 138!

PAPER SOURCE

You can set one of three PAPER SOURCES:

AUTO SHEET FEEDER, for the standard cassette.
ENVELOPE MANUAL FEED, to feed envelopes manually.
Manual Feed, to feed sheets manually.

The selection to be made depends on the model of printer you intend to use.

ORIENTATION

ORIENTATION is how the image is to be printed with respect to the two sides of the paper.

The following two types of orientation are available:

LANDSCAPE, which the image is positioned horizontally.
PORTRAIT, in which the image is positioned vertically.

You access the print quality parameters from the general feature dialog box, by clicking on OPTIONS.

There are five parameters to be set and their default settings are used for printing text and images:

DITHERING (fine).
INTENSITY CONTROL (NORMAL, half way between lighter and darker).
COLOUR (ENABLED).
PRINT QUALITY, the type of document to be produced (STANDARD).
PAPER QUALITY, the type of paper to be used (PLAIN PAPER).

DITHERING

DITHERING is procedure for obtaining a high range of colour sensations using the three primary colours cyan, yellow and magenta and the four secondary colours obtained by combining them: RED (yellow + magenta), GREEN (yellow + cyan), BLUE (cyan + magenta) and black (yellow + magenta + cyan). This procedure is based on a particular method of distributing the seven basic colours in a dot matrix.

One of three different types of DITHERING can be set (*):

NONE, which corresponds to use of the BASIC COLOURS ONLY, without reproducing any other colour.

COARSE, for reproducing PLAIN COLOURS.

FINE, for reproducing various shades of colour.

(*) The LINE ART setting is only enabled for BLACK AND WHITE printing.

INTENSITY CONTROL

Printing INTENSITY controls the AMOUNT OF INK printed on the paper and can be set continuously by moving the cursor along the scale FROM DARKER TO LIGHTER and vice versa so as to reproduce dark and light images accurately.

COLOUR

COLOUR is selected by DEFAULT. IF you want to print in BLACK AND WHITE, CLICK ON THE COLOUR BOX to remove the cross and to enable the LINE ART dithering option which ignores shades of colour and converts them either into black or white.

WARNING: With this driver, even if Colour is disabled, only the fonts provided by the application are available: you cannot use the fonts resident on the printer.

PRINT QUALITY

PRINT QUALITY controls the QUALITY OF THE DOCUMENT to be produced, by setting the following parameters:

PRINTING SPEED: NORMAL or HIGH.

INK CONSUMPTION: NORMAL, REDUCED or MINIMUM.

Although the resolution - and thus the definition of the image - remains the same, the NUMBER OF DOTS PRINTED IS REDUCED to SAVE INK: this may, however, lead to reduction in luminosity of some colours.

INKING SPEED: HIGH, MEDIUM or LOW.

This means that each single line can be printed with a variable number of passes, using one or more nozzles. Consequently, the inking speed is inversely proportional to the print quality: the lower the speed, the higher the quality.

You can choose from five different PRINT QUALITIES, listed below in ascending order.

DRAFT
ECONOMY
STANDARD
HIGH QUALITY
PRESENTATION

The table below indicates the settings for each of them:

	Printing Speed	Consumption	Inking Speed
DRAFT	HIGH	MINIMUM	HIGH
ECONOMY	HIGH	REDUCED	HIGH
STANDARD	HIGH	NORMAL	HIGH
HIGH QUALITY	HIGH	NORMAL	MEDIUM
PRESENTATION	NORMAL	NORMAL	HIGH

PAPER QUALITY

You can set one of three different paper qualities:

PLAIN PAPER, which is the PAPER NORMALLY USED IN THE OFFICE, available on the market in a wide range of types and prices. It is not necessarily the case that the best print quality is obtained using the most expensive paper.

TRANSPARENCY, which is the PROJECTOR FILM typically used with bubble ink jet printers.

COATED PAPER, which has the same characteristics as glossy paper but an ULTRASMooth SURFACE.

Before purchasing special types of paper (transparencies or coated paper), consult the nearest sales and service center.

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