

DEClaser 3500 Printer
Quick Setup Guide

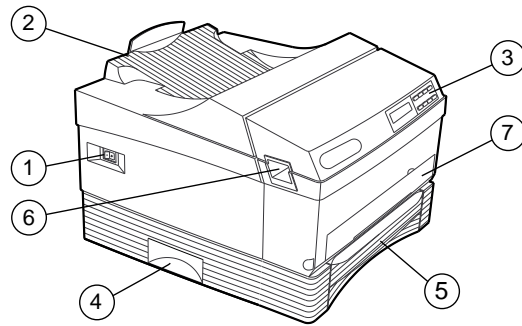
EK-D350P-RG.A01

Digital Equipment Corporation
Maynard, Massachusetts

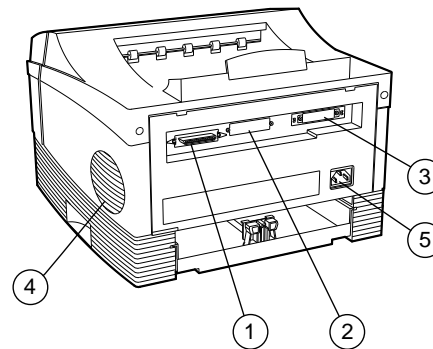
INTRODUCTION

This guide explains how to:

- Unpack the printer
- Setup the printer
- Use the control panel
- Print a basic job
- Find additional product information



- 1 - On/off Switch
- 2 - Output Tray
- 3 - Control Panel
- 4 - Lift Handle
- 5 - Universal Paper Tray
- 6 - Front Cover Release Latch
- 7 - Multipurpose Feeder Slot

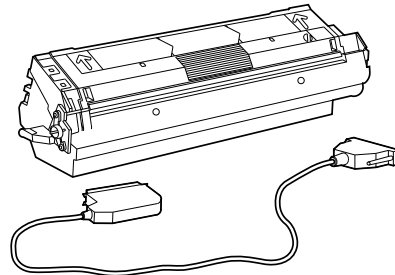


- 1 - Parallel port
- 2 - Slot for optional:
Fax Modem; AppleTalk interface;
Serial interface
- 3 - Slot for optional:
Ethernet interface; Fax Modem;
AppleTalk interface; Serial interface
- 4 - Air Vent
- 5 - AC Power Plug

BEFORE YOU BEGIN

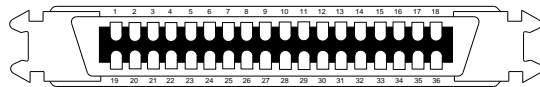
Be sure you have the following items:

- Digital Print Cartridge
- Cable to connect the printer to your computer (sold separately).



If you are using the printer in a serial or network environment, refer to the option documentation for cable requirements.

If you are directly connecting the printer to your computer, you need a Centronics-compatible parallel cable. The illustration shows the printer cable connection. Refer to your computer documentation for the connection to the computer.

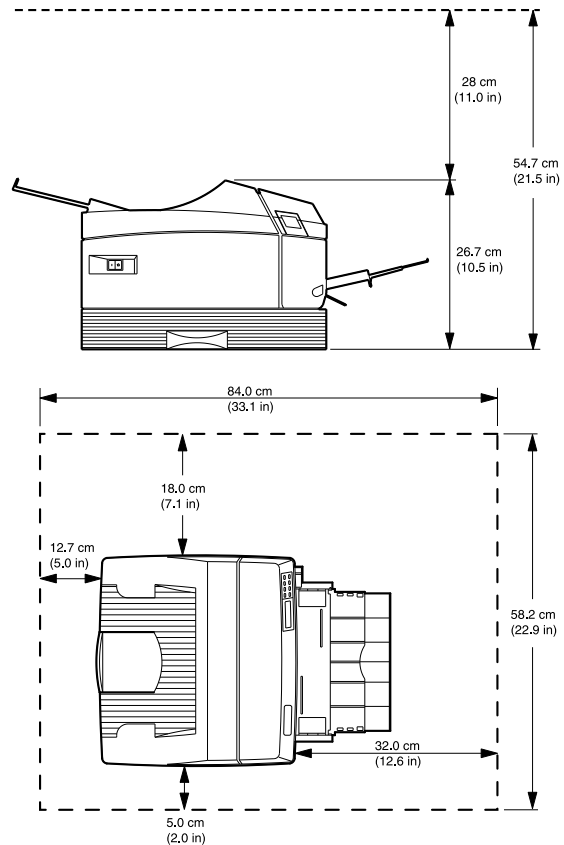


Cables can be purchased from your Authorized Dealer. Use high quality cables to prevent possible print errors.

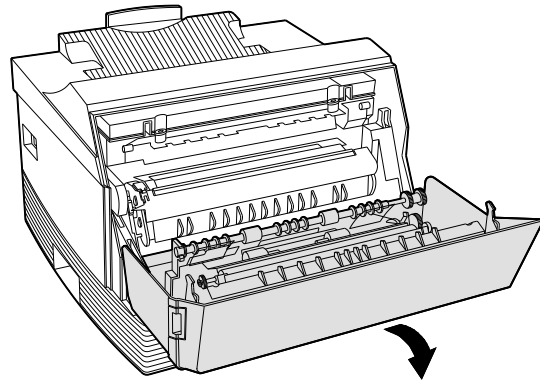
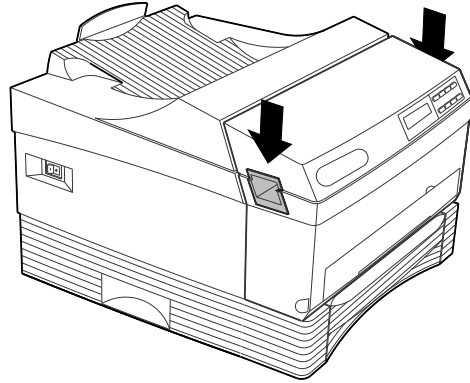
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CONFIGURING AND PLACING THE PRINTER

1. Remove the printer from the packing box.
2. Install any optional boards or memory before proceeding. Installation instructions are included with each option.
3. Position the printer in your work area, being sure to adhere to the clearances shown.

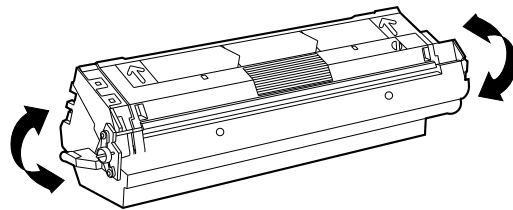


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4. Open the printer front cover by applying downward pressure inside the thumbholes and pulling forward.

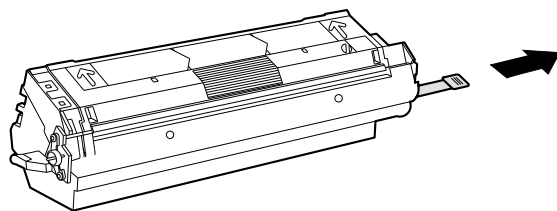


5. Install the print cartridge, following the instructions on the print cartridge label.

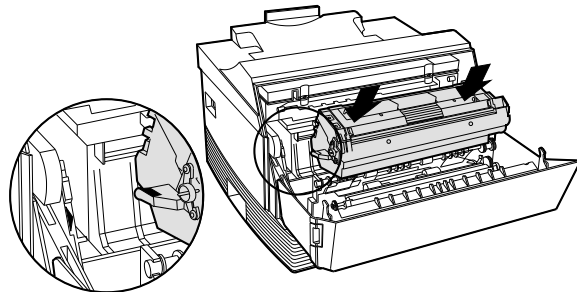
a. Gently rock the print cartridge to loosen and distribute the toner.



b. Remove the toner seal. Pull the orange tab straight out to avoid breaking the tape.

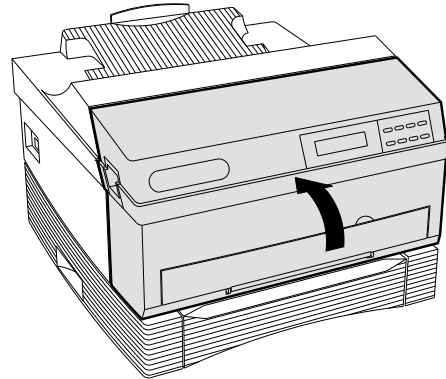


c. Line up the orange side bars on the print cartridge with the orange arrows inside the printer and slide the cartridge into the cavity.

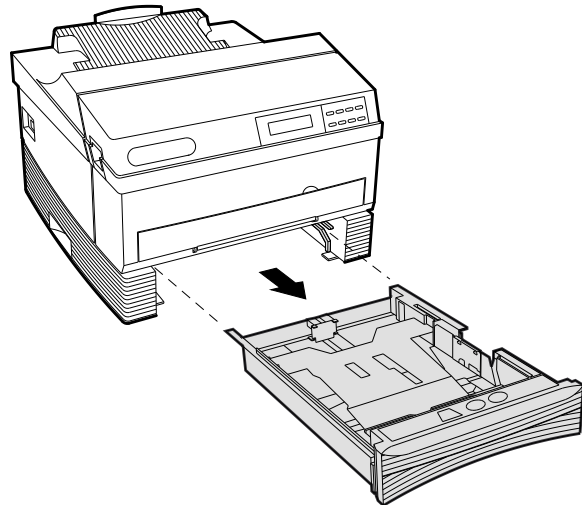


CAUTION: Do not leave the unwrapped print cartridge sitting in direct sunlight. Prolonged exposure to direct light damages the print drum.

6. Close the front cover.

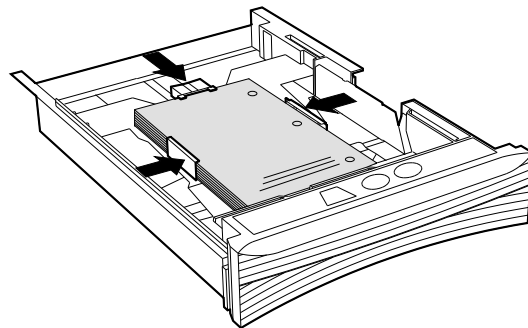
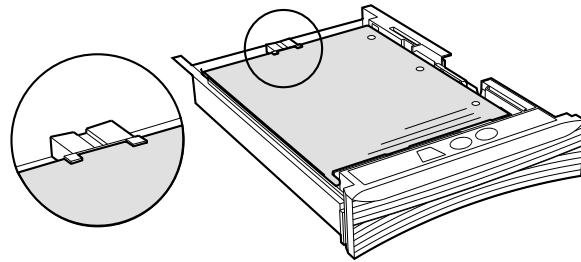
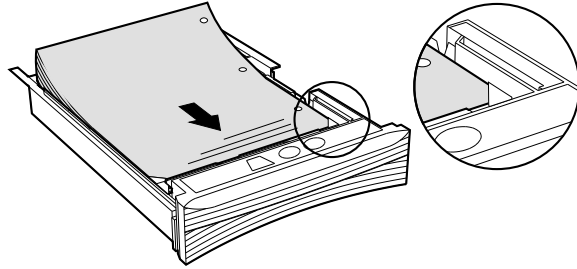


7. Remove the paper tray.

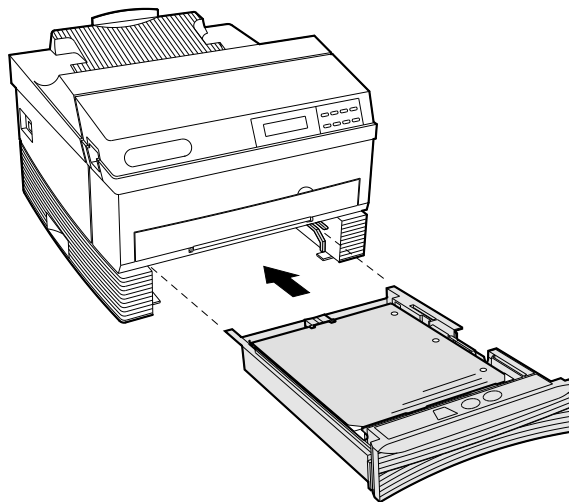


8. Fill the paper tray with paper, print side up.

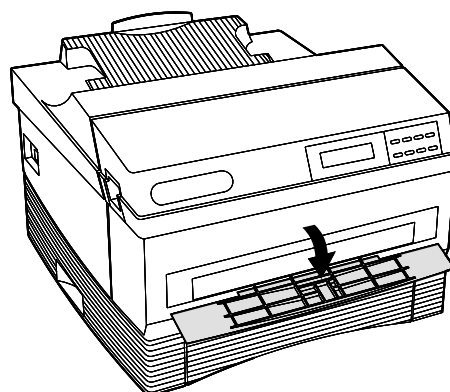
NOTE: If necessary, adjust the paper guides.



9. Reinstall the paper tray.

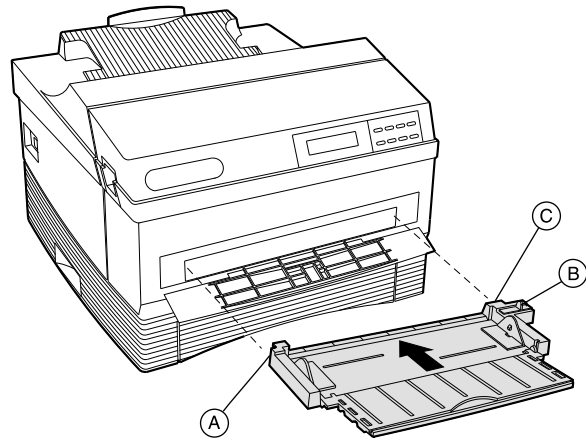


10. For optional Multipurpose Feeder installation, open the feeder door.

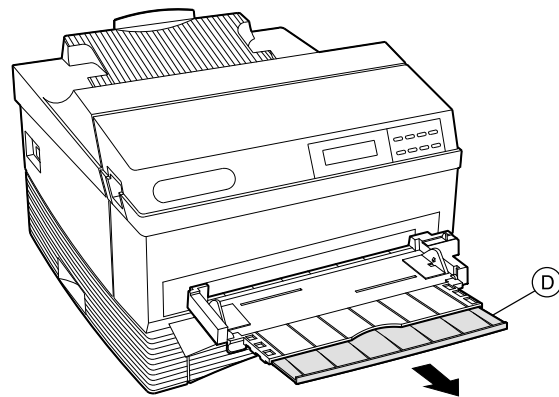


11. Attach the Multipurpose Feeder.

- a. Insert the left pin.
- b. Slide the latch on the right side of the feeder tray to the left.
- c. Insert the right pin and release the latch.



- d. Extend the feeder tray.

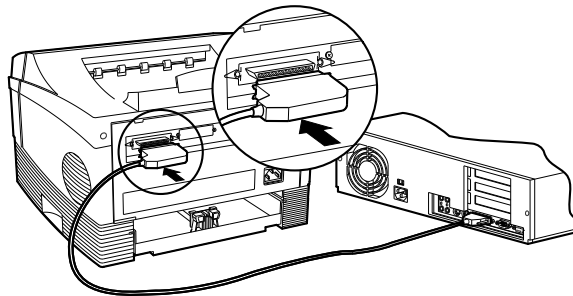




WARNING: Make sure the printer on/off switch is in the off (0) position before attaching any cables.

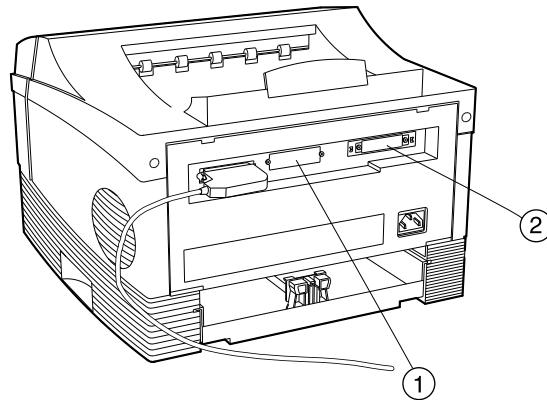
12. Connect the parallel, serial, or network cable to the printer and computer or host.

A parallel connection is shown here.



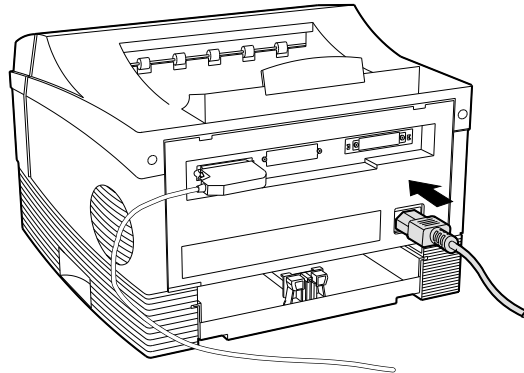
13. Attach any additional cables to the appropriate connector on the back.

Additional cables may be needed for option connections. Refer to the option documentation for cable requirements.



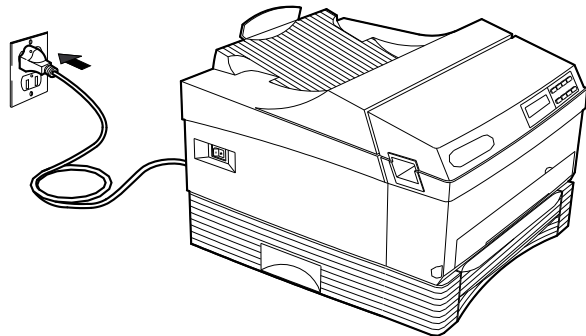
- 1 - Option slot for:
Fax Modem; AppleTalk interface;
Serial interface
- 2 - Option slot for:
Ethernet interface; Fax Modem;
AppleTalk interface; Serial interface

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14. Plug the AC power cord into the back of the printer.



WARNING: This printer is designed to be properly grounded. To ensure proper operation, plug the power cord into a properly grounded AC outlet only.

15. Plug the AC power cord into a properly grounded AC outlet.



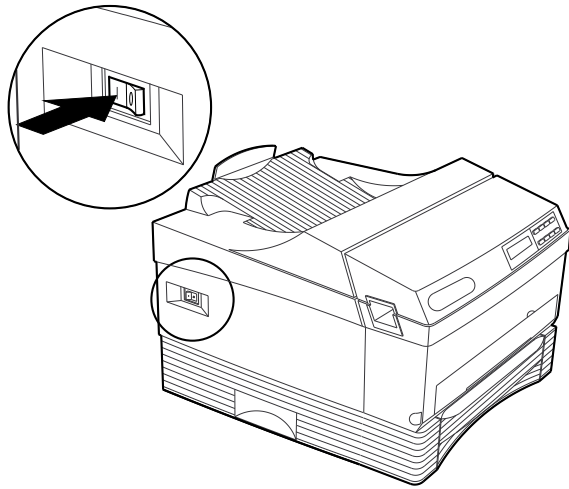
16. Turn on the printer by pressing the power switch to the on (I) position.

The following control panel message displays, indicating the printer is performing an initial diagnostic test:

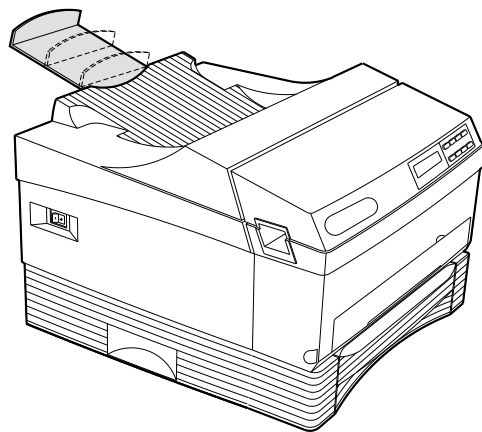
Self-test

When the test completes, the printer is ready to print. The following message displays:

ONLINE
Idle



17. Extend the rear output tray. The tray can be extended to various lengths to accommodate Letter, Legal, and A4 size papers.



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VERIFY PRINTER CONNECTION

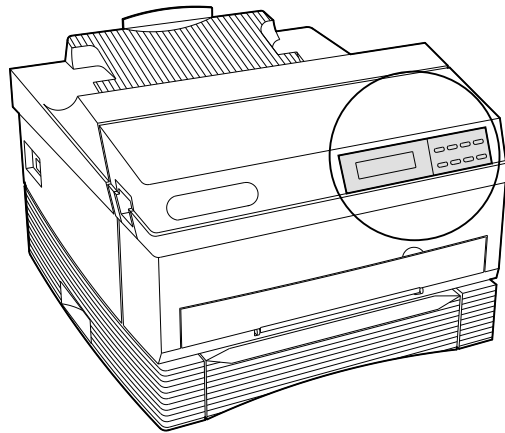
To ensure your computer is directing output to your printer, print a page. At the root directory (C:\) on your computer, type:

DIR>PRN

A directory page should print. If it does not, ensure the LPT1 port is directed to the local port. Refer to your operating system documentation for information.

CONTROL PANEL

The control panel is located on the front of the printer, and consists of a two-line display and a keypad with eight keys. The display shows the status of the printer.



Keys have different functions when the printer is online, offline, or if a menu has been entered. The following chart provides a brief description of the function of each control panel key.

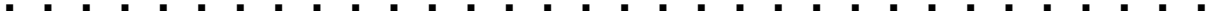
Online	Select	Item▲	Value▲
Menu	Esc	Item▼	Value▼
	Help	Reset	Form Feed



Key	During Printer and Network Operations	During Fax Operations	During Menu Operations
Online	<p>Toggles the printer online and offline.</p> <p>In online mode, the printer receives data or commands from the host computer. When the printer is taken offline, pages that are currently printing are completed. If the current job is not complete, data and/or new jobs continue to be received until the buffer is full.</p> <p>When the Online key is pressed again, the printer returns to online mode and waiting print jobs print or printing continues where it left off.</p>	<p>If the printer is taken offline while receiving a fax, the page that is currently printing is completed. The remaining portion of the job is sent to the buffer until it is full. No new jobs are accepted. If the buffer is full, the fax modem disconnects, but the current job remains in the buffer. Printing completes when the Online key is pressed and the printer is toggled back to online mode.</p> <p>If the printer is taken offline while you are sending a fax, the current fax job continues to send, but no new fax jobs are started.</p>	<p>Returns the printer to online mode and printing continues where it left off.</p>
Help	<p>This key is active only when the printer is in offline mode and outside of the menu operations.</p> <p>During printer idle - Prints the menu map, and remains offline until Online is pressed.</p> <p>During print operations - The printer beeps once and returns to the online mode. The current job completes, then the menu map prints.</p>	<p>This key is active only when the printer is in offline mode and outside of the menu operations.</p> <p>The printer beeps once and returns to the online mode. The current fax job, either sending or receiving, completes, then the menu map prints.</p>	<p>No effect.</p>



Key	During Printer and Network Operations	During Fax Operations	During Menu Operations
Reset	Flushes all current and pending print jobs. This key is active only when the printer is in offline mode and outside of the menu operations. Resetting... then Flushing Job... appears on the display. Once the printer is reset, it returns to the offline state.	Disconnects fax line and flushes all faxes. This key is active only when the printer is in offline mode and outside of the menu operations. Resetting... then Flushing Job... appears on the display. Once the printer is reset, it returns to the offline state.	No effect.
Form Feed	Ejects the last page of a PCL job. This key is only active when the printer is in offline mode and outside of the menu operations. Form Feed... appears on the display. Once the printer completes the form feed operation, it returns to the offline state.	No effect.	No effect.



Menu	<p>Takes the printer offline and enables menu mode, thus activating the following keys: Select, Esc, Item, Value.</p> <p>Also displays the highest level in the currently selected menu.</p> <p>Pages that are currently printing are completed. If the current job is not complete, data is received and processed until the buffer is full. New jobs are received until the buffer is full, but they are not processed.</p>	<p>If the printer is taken offline while receiving a fax, the page that is currently printing is finished. The remaining job is buffered to memory until resources are full. No new jobs are accepted. When the Online key is pressed, printing continues.</p> <p>If the printer is taken offline while you are sending a fax, the current fax job continues to send, but no new fax jobs are started.</p>	No effect.
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Key	During Print and Network Operations	During Fax Operations	During Menu Operations
Select			From Level 1: Moves you to the next level. From Level 2: Selects a new default.
Esc			From Level 1: Exits menu mode and returns the printer to its previous state. From Level 2: Moves you back to Level 1.
Item ▲			Moves you backward through the menu items at the current level. This is a repetitive key.
Item ▼			Moves you forward through the menu items at the current level. This is a repetitive key.
Value ▲			From Level 1: No effect. From Level 2: Moves you backward through the options for the current item.
Value ▼			From Level 1: No effect. From Level 2: Moves you forward through the options for the current item.

*Restore factory default settings by pressing **Online** and **Menu** while turning the printer on (I).*

NOTE: For detailed information on the control panel keys and their functions, navigating menus, and making printer configuration changes, refer to the printer *User's Guide*.

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PRINTING THE MENU MAP

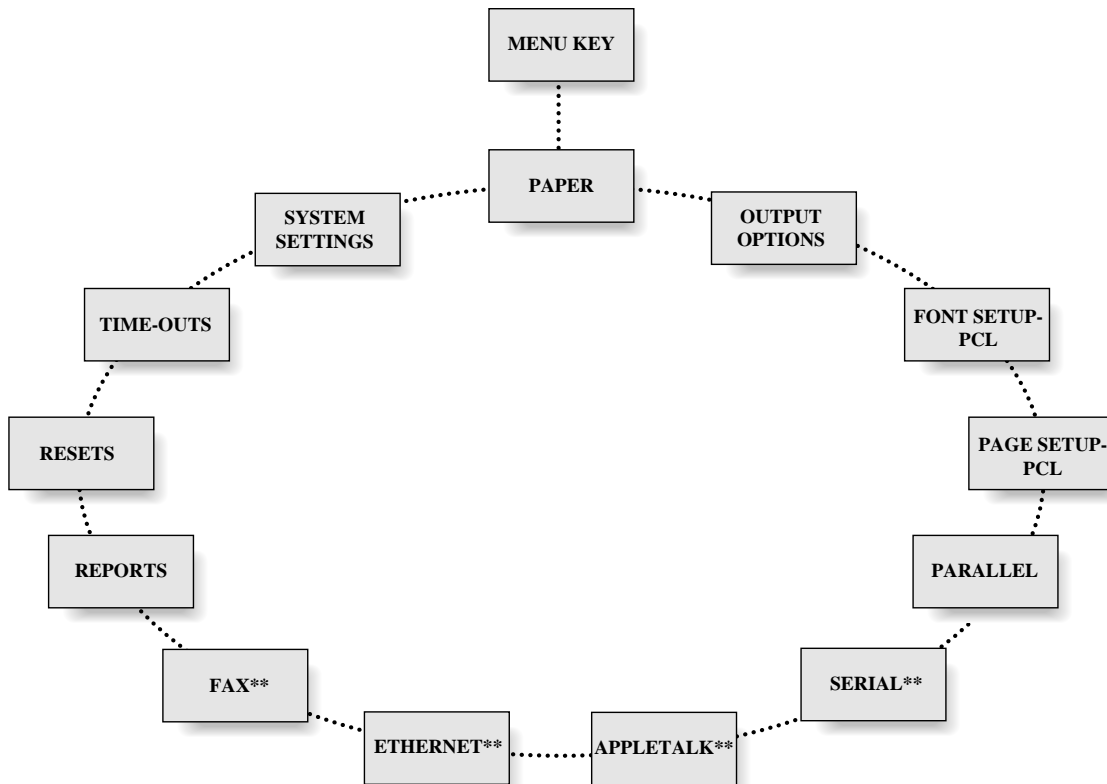
Using the printer control panel:

1. Press the **Online** key to place the printer offline.
2. Press **Help** to print the menu map.
3. After the menu map prints, press **Online** to place the printer back online.

LEVEL 1 MENU MAP

The menu structure is circular.

1. Press **Menu** to access the menu map, and use the **Item ▲** key or the **Item ▼** key to scroll through the menu selections.
2. Press **Select** to enter a menu or change a setting.
3. Press **Online** to leave the menu map.



**Appears only if the option is installed

LEVEL 2 MENU MAPS

After pressing **Select** to enter a menu, use the **Item** keys to move through the menu's options. Use the **Value** keys to move through the selectable items of the menu's options. **Value** and **Item** keys are repetitive. The delay time between display updates becomes shorter the longer a key is held down. Use the **Select** key to change a setting.



PAPER	OUTPUT OPTIONS	FONT SETUP - PCL
<p>Paper Source One tray: *<i>Tray [Paper Size]</i> Multipurpose</p> <p>Two trays: *<i>Upper [Paper Size]</i> Lower [Paper Size] Multipurpose</p> <p>Multi Paper Size Legal *<i>Letter</i> Folio Executive Statement A4 A5 B5 COM10 Monarch C5 DL</p> <p>Auto Tray Swap *<i>On</i> Off</p>	<p>Print Resolution *<i>600x600 dpi</i> 300x300 dpi</p> <p>Print Enhancement Dark *<i>Medium</i> Light Off</p> <p>Number of Copies =1</p>	<p>Font Name *<i>Courier-Medium</i> Courier-Bold Courier-Italic Line Printer Times-Medium Times-Bold Times-Italic Times-BldItalic Univers-Medium Univers-Bold Univers-Italic Univers-BldItl UnvrsCd-Medium UnvrsCd-Bold UnvrsCd-Italic UnvrsCd-BldItl ZapfDingbats</p> <p>Pitch 12 cpi *<i>10 cpi</i></p> <p>Point Size =12.00</p> <p>Symbol Set Desktop ECMA-94 Latin ISO-2 IRV : : *<i>Roman-8</i> : : Ventura Intl Ventura US Windows</p>

OPTIONAL

PAGE SETUP-
PCL

Orientation
**Portrait*
Landscape
Lines Per Page
=60
Line Wrap
On
**Off*

PARALLEL

Enable Interface
**On*
Off
Printer Type
**PS/PCL Sensing*
STD PostScript
PCL 5
BCP PostScript
Hex Dump Mode
TBCP PS
Bidirectional
**On*
Off

SERIAL

Enable Interface
**On*
Off
Printer Type
**PS/PCL Sensing*
STD PostScript
PCL 5
BCP PostScript
Hex Dump Mode
TBCP PS
Flow Control
**Xon/Xoff*
Robust Xon/Xoff
DTR
Baud Rate
38400
19200
**9600*
4800
2400
1200
600
300
Data Bits
**8*
7
Parity
Odd
Even
**None*
Stop Bits
2
**1*
DTR Polarity
**High*
Low



OPTIONAL

APPLETALK

Enable Interface
*On
Off
Printer Type
PS/PCL Sensing
STD PS/TBCP PS
PCL 5
**AppleTalk PS*
Hex Dump Mode

OPTIONAL

ETHERNET

Enable Interface
*On
Off
Printer Type
PS/PCL Sensing
STD PS/TBCP PS
PCL 5
BIN PostScript
Hex Dump Mode

OPTIONAL

FAX

Enable Interface
**Send & Receive*
Send Only
receive Only
Disabled

Retry Count
= 0

Retry Interval
= 5 minutes

Resolution
**Fine*
Standard

Speaker Enable
**On*
Off

Header Enable
**On*
Off

Answer Ring
= 1

Answer Ring
**Upper [Paper Size]*
Lower [Paper Size]

Set Date
DEC xx xxxx
...
JAN xx xxxx
(Ex. JAN 01 1994)

Set Time
= 00:00

REPORTS

Font Report
Hardware Report
Error Report
AppleTalk Report**
Ethernet Report**
Fax Report**

****OPTIONAL**

RESETS

Reset Printer
Reset Ethernet**
Reset Fax**

TIME-OUTS

PostScript Wait
= 40 Seconds
PCL Wait
= 30 Seconds
Paper Select Wait
= 30 Seconds
Manual Feed Wait
= 30 Seconds
AppleTalk Wait**
= 30 Seconds

**SYSTEM
SETTINGS**

Language
*English
Deutsch
Français
Italiano
Español
Nederlands
Power OnStart Page
*On
Off
Print PS Errors
*On
Off
Jam Recovery
*On
Off
Port Scheme
*Sequential
Priority
Sequential Lock
Priority Lock
Priority Port
*Sequential
Serial**
AppleTalk**
Ethernet**
Format PFM*
Energy Saver
= 30 Minutes
Panel Security

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INSTALLING PRINTER DRIVERS

Before printing, you must tell your application software which printer you are using. Do so by installing the appropriate printer driver software. Refer to your software application for instructions on loading a printer driver. Be sure that the printer driver you choose supports the PostScript or PCL 5 print language and the features of the printer.

NOTE: Always choose your printer before formatting documents. The choice of fonts your application offers depends on the printer selected.

If you are using Windows, use the printer driver that shipped with your printer. Refer to your Windows documentation for complete printer driver installation instructions.

PRINTER SELECTION IN WINDOWS APPLICATIONS

Before a printer driver can be accessed by a Windows software application, it must be installed using the Windows Control Panel. Once installed, you may access the printer driver from within any Windows application.

To choose a printer from a Windows-based application:

1. Open a Windows application.
2. From the **File** menu, choose **Print**, then **Setup**.
3. In the Printer box, select the printer you want to use, then choose (or click) the **OK** button.

To set printer options from a Windows-based application:

1. Open a Windows application.
2. From the **File** menu, choose **Print**, then **Setup**.
3. In the Printer box, select the printer you want to use, then choose (or click) the **OK** button.
4. Choose the **Setup** button.
5. Select the appropriate options.
6. Choose the **OK** button.

ADDITIONAL DOCUMENTATION

The following manuals are available for your printer:

Manual	Content
User's Guide	Contains information on: <ul style="list-style-type: none">■ Setting up the printer■ Choosing a printer interface■ Sending a print job■ Changing the printer configuration■ Error codes and messages■ Clearing paper jams■ Care and maintenance■ Ordering supplies and accessories
Software Guide	Contains information on: <ul style="list-style-type: none">■ Using your printer with specific software applications■ Printer drivers■ PCL commands■ Symbol sets