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# Supplement To Getting Started With Your HP125

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45500-99002  
GETTING STARTED UPDATE



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# CHAPTER

# 1

## Installing Disc Drives

### Adding The 9135A Disc Drive

If you have purchased an HP 9135A disc drive, perform the following steps:

1. Check the switches labeled "AC SELECTOR" (on the rear panel) to be sure they are in the proper position for the power line voltage in your area. If it is necessary to change the switch position, slide the switches right or left to set the correct voltage (refer to figure 1-2).

#### NOTE

If the line voltage in your area is 115V or 120V, set the disc drive to 120V. If the line voltage in your area is 230V or 240V, set the disc drive to 240V.

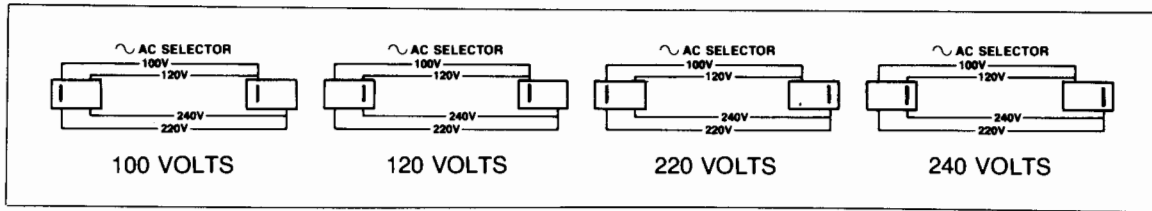


Figure 1-2. 9135A Line Voltage.

2. Locate the two fuses packaged with the disc drive. Remove the fuse cap (located on the back of your disc drive) with a small screwdriver, turning it counterclockwise about one-quarter turn until the fuse cap is released. Install the proper fuse (as indicated on Table 1-1) in the fuse cap. Insert the fuse and fuse cap back into the receptacle. Press the cap in and then turn the cap clockwise until it locks.

Table 1-1. 9135A Fuse Rating.

Voltage Settings	Fuse Rating
100 & 120 Vac	2.5A 250 Vac-Normal Blow
220 & 240 Vac	1.5A 250 Vac-Normal Blow

3. Locate the two sets of switches labeled "ADDRESS (FLEXIBLE DISC)" and "ADDRESS (FIXED DISC)" on the back of your disc drive. The disc drive contains two separate devices (the flexible disc drive and the fixed disc drive). Use a sharp object to press all of the switches for the flexible disc to the up position (HP-IB address "0"); then for the fixed disc drive, press switches 1, 2 and 4 to the up position and switch 3 to the down position (HP-IB address "2"). Refer to figure 1-3.

At this point, the HP 125 considers the flexible disc to be drive A, and the fixed disc to be drives E, F, G and H.

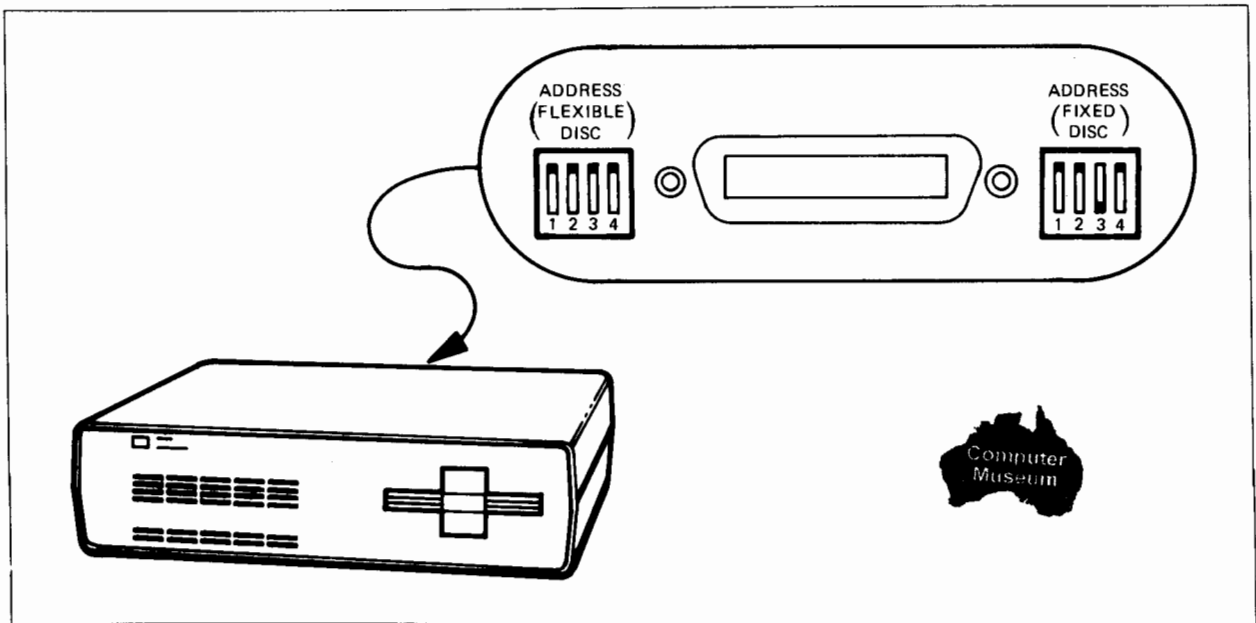


Figure 1-3. Setting Drive Address Switches.

Once the line voltage, fuses and device addresses are set, you are ready to connect your disc drive.

4. Attach the HP-IB cable to the HP-IB connector at the right of your System Processor by securing the screws (refer to Figure 1-4 and Figure 1-5). Notice, there is only one way to attach the HP-IB connector; do not force the connection.

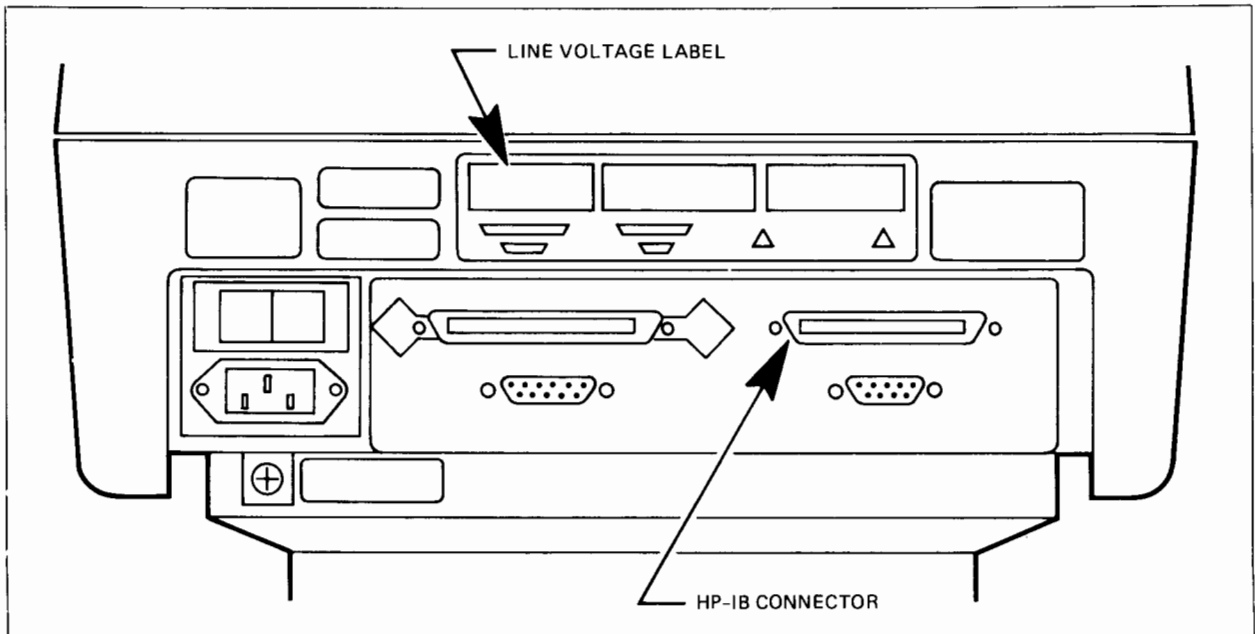


Figure 1-4. HP 125 Rear View.



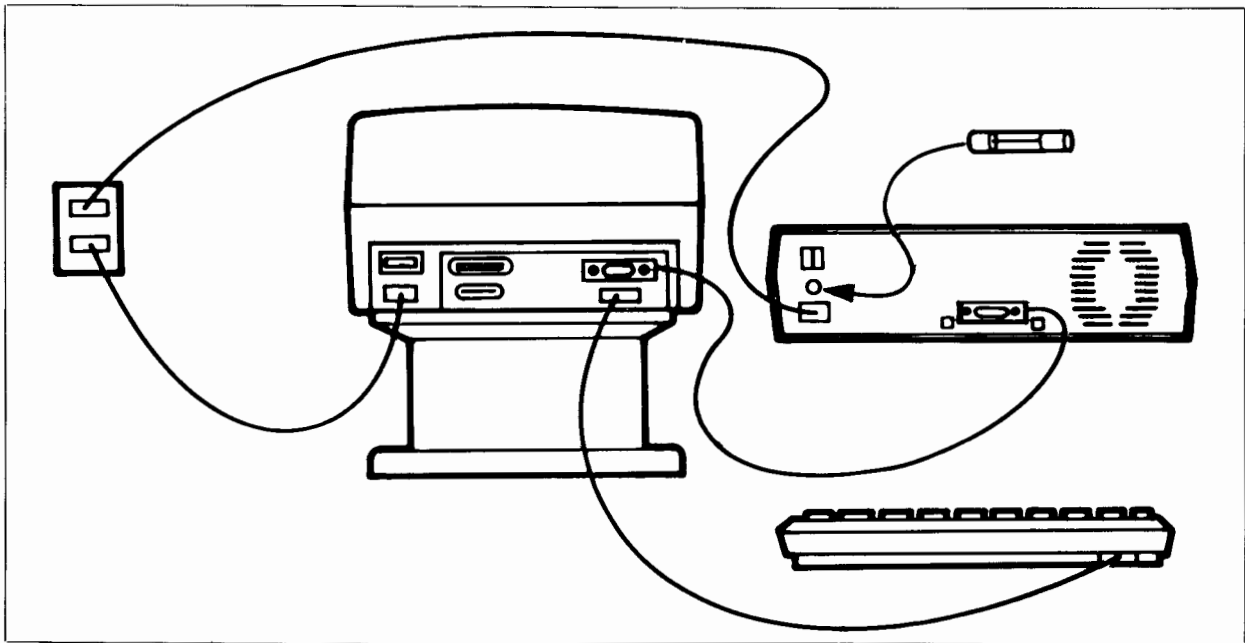


Figure 1-5. Connecting Your System.

5. Attach the other end of the HP-IB cable to the HP-IB connector at the rear of the disc drive by securing the screws (refer to Figure 1-5).
6. Connect the power cord to the disc drive (located on the rear of the disc drive) and plug the cord into a convenient power outlet. Refer to Figure 1-5.

#### NOTE

For safety reasons, use only the power cord specified by Hewlett-Packard for your area. To make sure you have the right power cord, refer to the 9134A and 9135A Disc Memory User's Manual.

This completes the installation of the HP 9135A Disc Drive.

## Adding The 9134A As The Second Disc Drive

With your HP 125 system, you may have purchased an HP 9134A as your second disc drive to be used with an HP 82901M or an HP 9895A disc drive. Follow the instructions on "Installing The 9135A Disc Drive", with the following differences:

1. Set the HP-IB switches labeled "ADDRESS (FIXED DISC)" on the back of the 9134A by pressing switches 1, 2 and 4 to the up position and switch 3 to the down position (HP-IB address "2"). Refer to Figure 1-6.

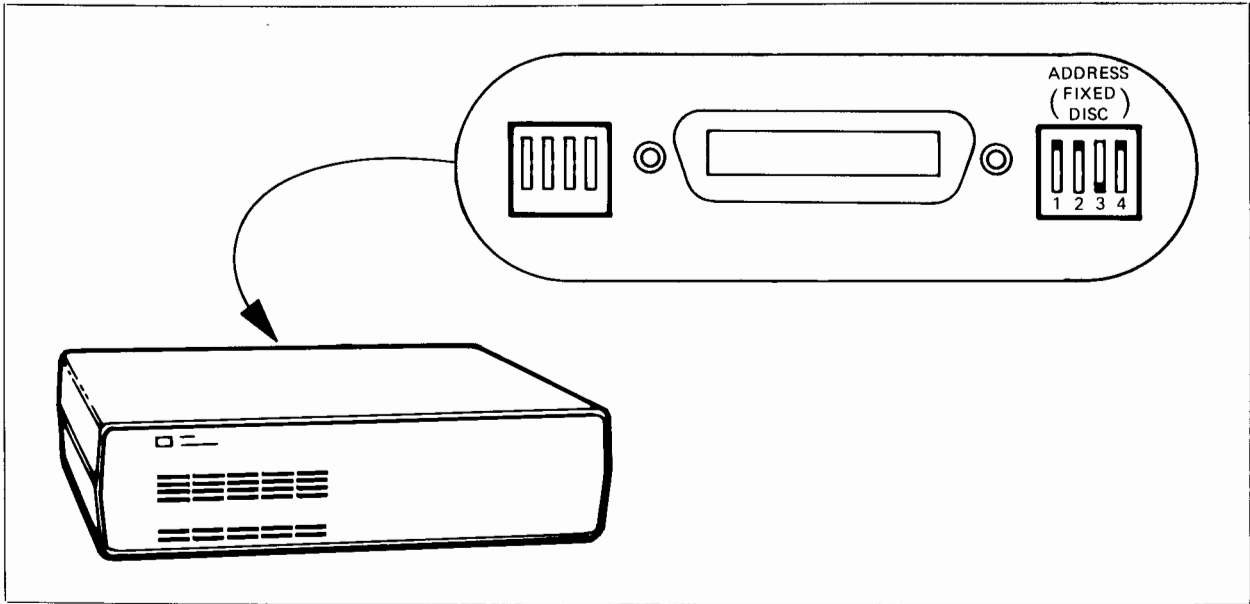


Figure 1-6. Disc Drive Address Setting.

2. Attach the 9134A disc drive to your HP 125 by connecting the HP-IB cable to:
  - the HP-IB cable on your System Processor, or
  - the HP-IB cable on your first disc drive (either the 82901M or the 9895A).

Refer to Figure 1-7.

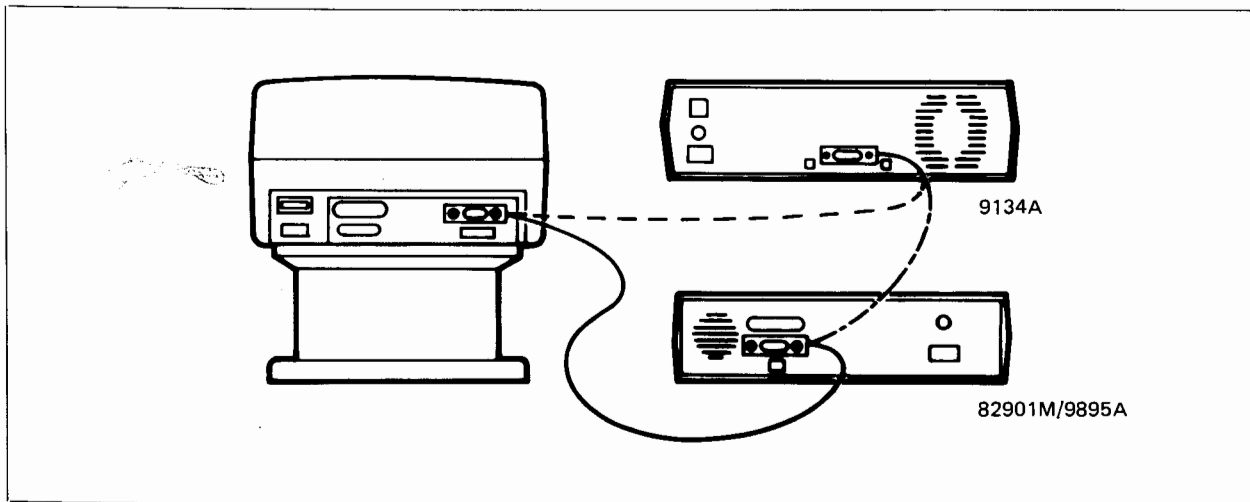


Figure 1-7. Connecting Your Disc Drive.

## Turning On/Off Your Disc Drive

Once the disc drive has been installed, you are ready to turn on the disc drive.

1. Set the disc drive power switch (labeled ~ AC LINE) located at the back of the drive to the ON position.

### NOTE

NEVER turn your disc drive ON or OFF while a flexible disc is inserted in the disc drive. Always turn on the disc drive BEFORE inserting the flexible disc, and remove the disc BEFORE turning off the disc drive.

To turn off your disc drive, perform the following steps:

1. Remove the flexible disc from the disc drive and place it in its envelope.
2. Set the disc drive power switch (labeled ~ AC LINE) to the OFF position.

# CHAPTER

# 2

## **Installing HP 125 Applications**

Each HP 125 application is contained on an "Application Disc", packaged in its own separate box, along with the appropriate documentation. To use an application, it must first be installed on the HP 125 System Disc. Once installed, you will be able to access the application through a single keystroke.

The System and Application flexible discs shipped from Hewlett-Packard have been write-protected for your safety. This insures that you do not accidentally overwrite or destroy the master copies of your programs and files. In order to have a work copy of your system and applications on the fixed disc, a copy must first be made of the System Disc and the application programs(s) must be "installed" using the following procedure.

### **Formatting The 9135A Fixed Disc**

1. Press the LOCAL OP SYS function key ([f3]). An asterisk (\*) will appear next to the LOCAL OP SYS label on the screen, indicating the local operating system is selected.
2. Insert the System Disc into the flexible disc drive (drive A) and press the LOAD OP SYS function key to load the local operating system. The Welcome Menu will appear on the screen (refer to Figure 2-1).

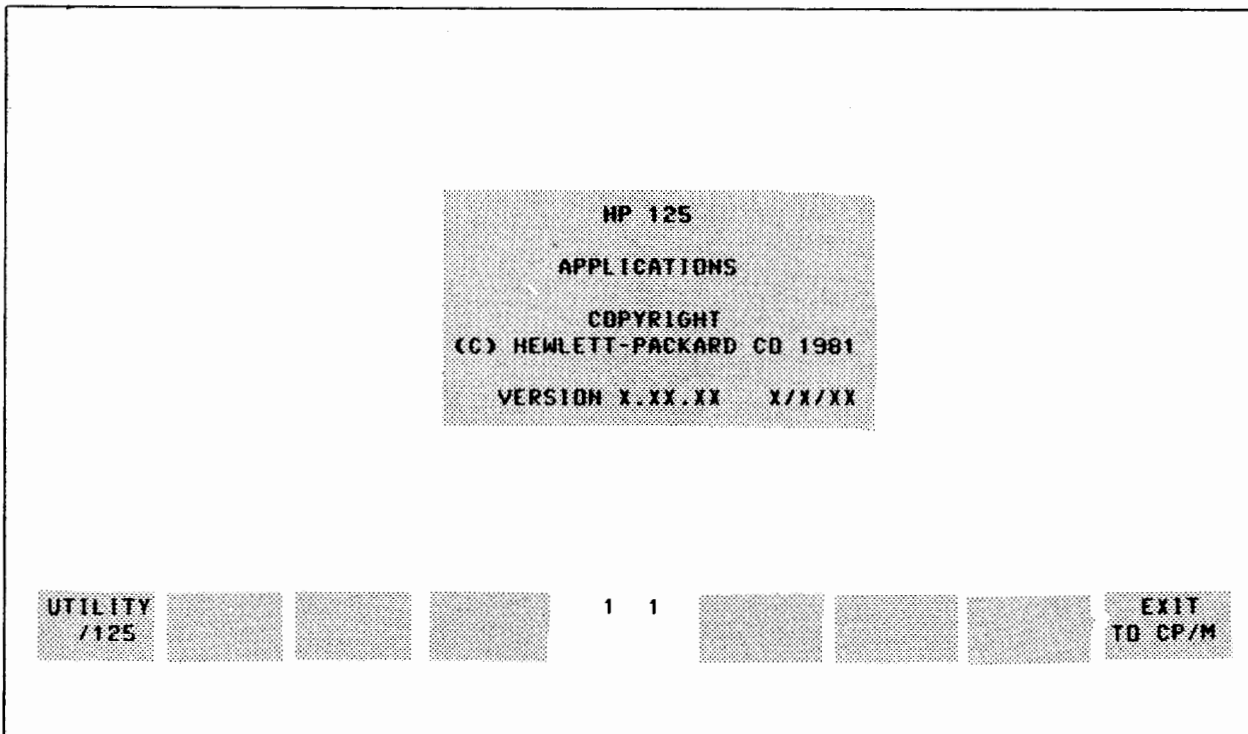


Figure 2-1. Welcome Screen.

3. Insert a blank disc into the right disc drive (drive E) then press the utility/125 function key [f1]. A new set of function key labels will appear. See Figure 2-2.

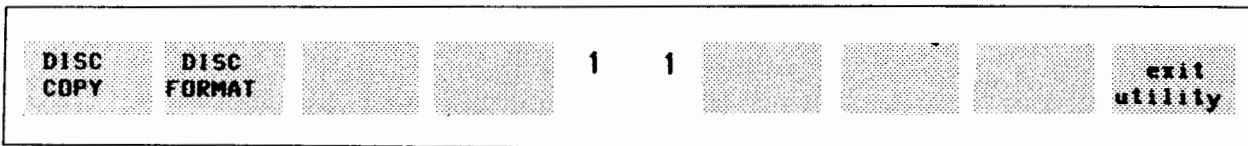


Figure 2-2. Utility Function Key Labels

4. Press the DISC FORMAT function key [f2]. The screen will change when the utility is ready. See Figure 2-3.

NOTE

If the utility/125 function key label does not appear on the screen, press the EXIT TO CP/M function key and the A> prompt will appear. Type in

A>>FORMAT [RETURN]

which brings up the Format utility program. At this point, proceed with step #4.

DISC	TYPE	STAGGER
A	OFF HP	04
B	ON HP	04
C	OFF HP	04
D	OFF HP	04
E	OFF HP	04
F	OFF HP	04
G	OFF HP	04
H	OFF HP	04

Turn ON appropriate discs. Set type and stagger as needed and press START Program to begin selected operation.

INIT Program requires selecting:

TYPE - HP or IBM  
 STAGGER - 1 through 10  
 Optimum STAGGER for 8" discs is 08

WARNING: Selected Program is attempted on all 'ON' Discs.



Program: INIT

USER INFO	NEXT CHOICE	PREVIOUS CHOICE	RESTORE MENU	4	8	START PROGRAM	CHANGE PROGRAM	EXIT
-----------	-------------	-----------------	--------------	---	---	---------------	----------------	------

Figure 2-3. Disc Format Utility Menu

- Set disc drives A, B, C and D OFF and set disc drive E, F, G, and H ON in the Format Menu by pressing the NEXT CHOICE or PREVIOUS CHOICE function keys.
- Press the START PROGRAM function key [f5] to begin formatting. Formatting will take about two minutes for each disc drive. The function key labels will change upon completion.

The message "INITIALIZE PATTERN 1" will appear to indicate that formatting has begun. If the disc has been previously formatted, the screen will change immediately and the message "Select function to Continue" will appear. Be sure that the proper discs are specified (drive E, F, G and H), then press the CONTINUE function key [f5] to begin formatting.

- When formatting is complete press the EXIT function key [f8]. The Welcome menu will appear on the screen.

## Creating a Work Disc

- Press the utility/125 function key [f1]. The function key labels will change.

2. Press the DISC COPY function key [f1]. The screen will change when the utility is ready. (See Figure 2-4).

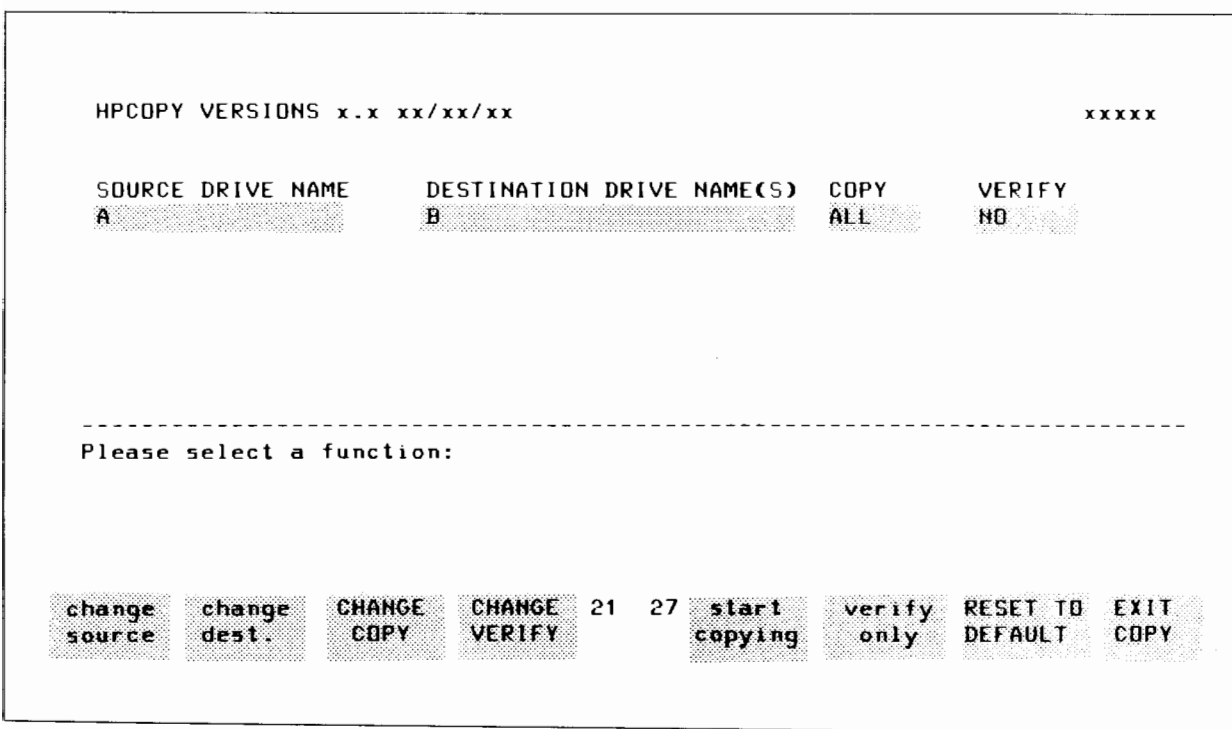


Figure 2-4. Copy Utility Screen

3. Press the change dest. function key to change the destination disc drive to E. The message "Destination drive name(s) (and RETURN):" will appear allowing you to type in the drive name ("E") you are copying to. When you press the [RETURN] key, the Copy Menu will reappear with the destination drive name specified as "E".
4. Press the CHANGE COPY function key [f3]. The COPY window should change from ALL to SYSTEM.
5. Press the CHANGE VERIFY function key [f4]. The VERIFY window should change from NO to YES.
6. Press the START COPYING function key [f5]. Function key labels should change.

7. Press the PROCEED W/COPY function key [f5]. The copy should take about 1-2 minutes. During this time the lights will alternately blink on the disc drives. Both the copy and verify should state FUNCTION COMPLETE upon successful completion.
8. Press the EXIT COPY function key [f8]. The Welcome Menu will appear.
9. Press the EXIT TO CP/M function key [f8], and type:

A>PIP E:=A:\*.\* [RETURN]

to copy all the utilities to the Work disc.

10. Remove the original System Disc from drive A (the right drive) and store it in a safe place. The operating system is now copied onto the fixed disc drive (drive E).
11. At this point, the device address must be changed.

#### NOTE

The HP 125 system automatically loads the CP/M operating system from the disc drive set at address zero ("0"). In a system with two disc drives, you must be certain the disc drive from which the load should occur is set to address zero ("0"), and the second disc drive is set to address two ("2").

12. Remove the flexible disc from the disc drive, then turn the power switch (labeled ~ AC LINE) off.
13. Press switch 3 for the flexible disc down to set the HP-IB address to "2"; then press all the switches for the fixed disc drive up to set the HP-IB address to "0".

The HP 125 now considers the fixed disc to be drives A, B, C and D, and the flexible disc to be drive E. You now can access the operating system from the fixed disc drive (drive A).

14. Turn the power switch (labeled ~ AC LINE) on.



## Installing An Application On The 9135A Disc Drive

To install an application (WORD/125, GRAPHICS/125, etc.) on the Work Disc Drive (the fixed disc), perform the following steps:

1. To place the WELCOME program into application installation mode, press the [CTRL], [SHIFT] and [E] keys simultaneously. The screen display appears as shown in Figure 2-5. (For a description of each of the function keys, refer to Table 2-1.)

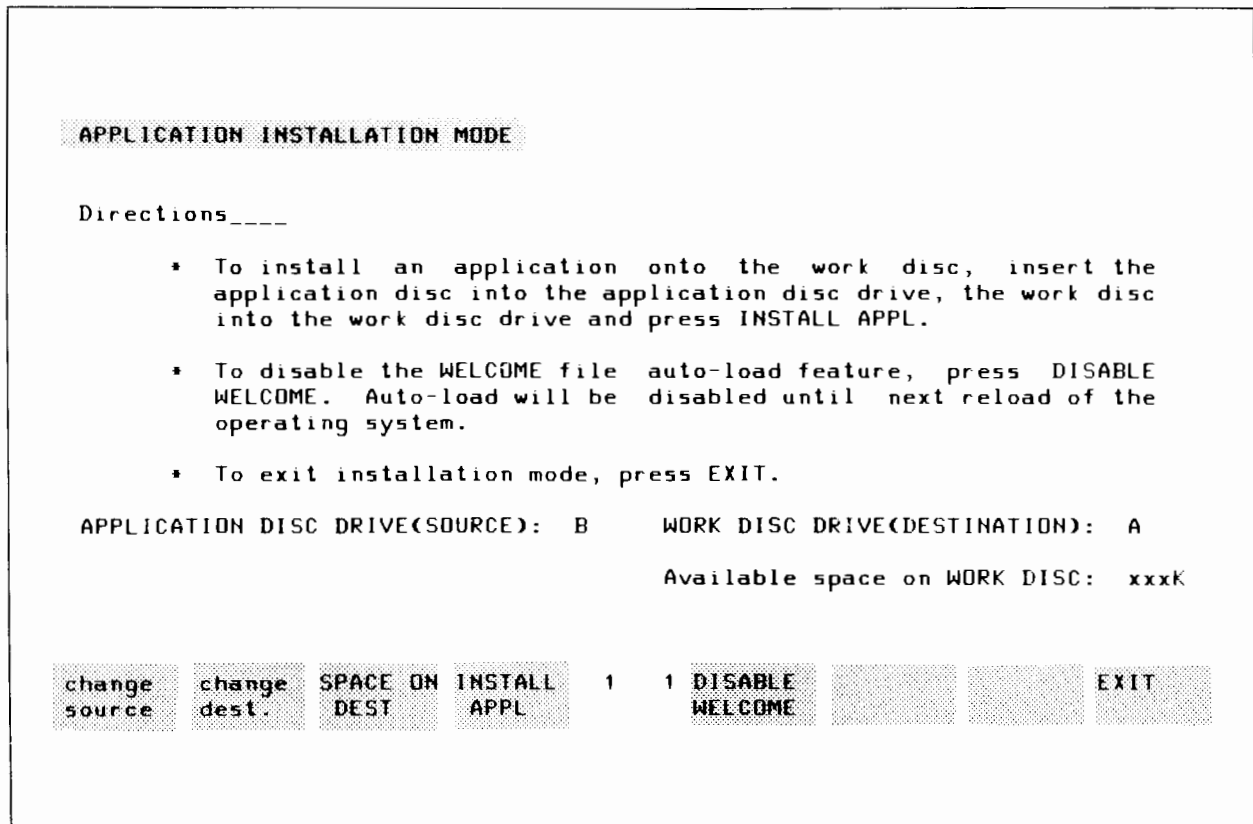


Figure 2-5. Application Installation Display

Table 2-1. Application Installation Functions.

LABEL	FUNCTION
change source	Displays a set of labels for changing the source disc drive name:
	NEXT SOURCE selects the next source drive name in sequence, and the sequence returns to drive A (Default: B).
	PREVIOUS SOURCE selects the previous source drive name in sequence, and the sequence returns to drive P (Default:B).
	previous menu returns the screen to the Application Installation display.
change dest	Displays a set of labels for changing the destination disc drive name:
	NEXT DEST selects the next destination disc drive name in sequence, and the sequence returns to drive A (Default: drive loaded op sys).
	PREVIOUS DEST selects the previous destination disc drive name in sequence and the sequence returns to drive P (Default: drive loaded op sys).
	previous menu returns the screen to the Application Installation display.
SPACE ON DEST	Displays the available space on the destination disc.
INSTALL APPL	Installs the application on the destination (work) disc.
DISABLE WELCOME	Disables the Welcome program and places an asterisk in the function key label. Once the Welcome program is disabled it remains disabled until the operating system is reloaded.

## NOTE

Once in installation mode, the available space on the work disc should be compared to the size of the application package to see if there is enough storage space available to perform the installation. (Refer to the label on the application disc, for the size of your application.)

To prevent future problems with your work disc, leave at least 20K of storage space on the disc. (This space may be used for data files.)

2. Press the change source function key [f1], then press the NEXT SOURCE or PREVIOUS SOURCE function key to change the HP application disc drive name to E.
3. Press the previous menu function key to restore the Application Installation display.
4. Following the instructions on the screen, insert the Application Disc into disc drive E (the flexible disc drive).
5. Press the INSTALL APPL function key.

The message below is displayed:

```
Application Installation In Progress
Installing _____
```

(the application you are installing is printed here along with the version number)

The lights on the left and right drives (drive A and drive E) alternately light until the application is installed.

### Note

If there is not sufficient space available on the disc to accommodate the new application, the following message will appear on the screen:

"Operation aborted. Insufficient disc space on drive A."

At this point, reload the local operating system by pressing the [CTRL], [SHIFT] and [RESET] keys. The message

"LAST INSTALLATION IS INCOMPLETE,CLEANUP IN PROGRESS"

will appear on the screen followed by the Welcome Menu. The last incomplete application will be automatically deleted. A new working disc must be created to install the additional application(s).

6. Once you have installed the HP application(s), the following message will be displayed:

\*\*\*Save In Progress  
\*\*\*Do Not Disturb

At this point a new copy of the WELCOME program (updated with the newly added HP application(s)) is being saved on your fixed disc (drive A).

7. Remove the application disc from the flexible disc drive (drive E) and place it in its storage envelope. Store this flexible disc in a safe place. You may need it to install the application on another disc. It is also required to obtain low cost software updates from Hewlett-Packard.

#### Note

Do not install too many applications to ensure that there is room on the disc for the updated Welcome program.

8. When installation is complete, the screen will once again display the Application Installation Menu (see Figure 2-5). You may now install additional applications on the work disc in disc drive A (the fixed disc drive), if you desire. Simply repeat steps #5, #6 and #7 above for each application package being installed.
9. Once all your applications have been installed, press the EXIT function key and the screen will once again display the Welcome Menu.

Notice that the function keys displayed at the bottom of the screen now include the name of the application(s) you just installed. Your applications are now ready to run!

Function key positions in the Welcome Menu are allocated left to right. Therefore, if you wish to have the applications displayed on the screen in a particular order, the applications must be installed in the selected order. If more than six applications are installed on a single system disc, the Welcome program will create a new function key level to accommodate the additional applications.

To access this new level or a previous level function key, three function keys are provided (NEXT LEVEL, PREVIOUS LEVEL or TOP LEVEL function key). Pressing these keys provides access to all of the applications that have been installed.

## Running HP Applications

To run the application(s) just installed, perform the following steps:

1. Press the function key for the application you wish to run. The light on the fixed disc drive (drive A) will light and the following message will appear on the screen:

\*\*\*Application Loading...

2. When loading is completed you are ready to begin using the application. (For further information on the application refer to the manual for that product. The application manuals are listed in front of this manual.)

## Deleting HP 125 Applications



Each HP 125 application installed on the work disc has been protected. The application (or function key labels) can not be removed by simply using the system ERASE command. To delete an application from the work disc, you will need to perform the following steps:

1. Place the Welcome program into application deletion mode by pressing the [CTRL], [SHIFT] and [DEL] keys simultaneously. The screen display appears as shown in Figure 3-1.

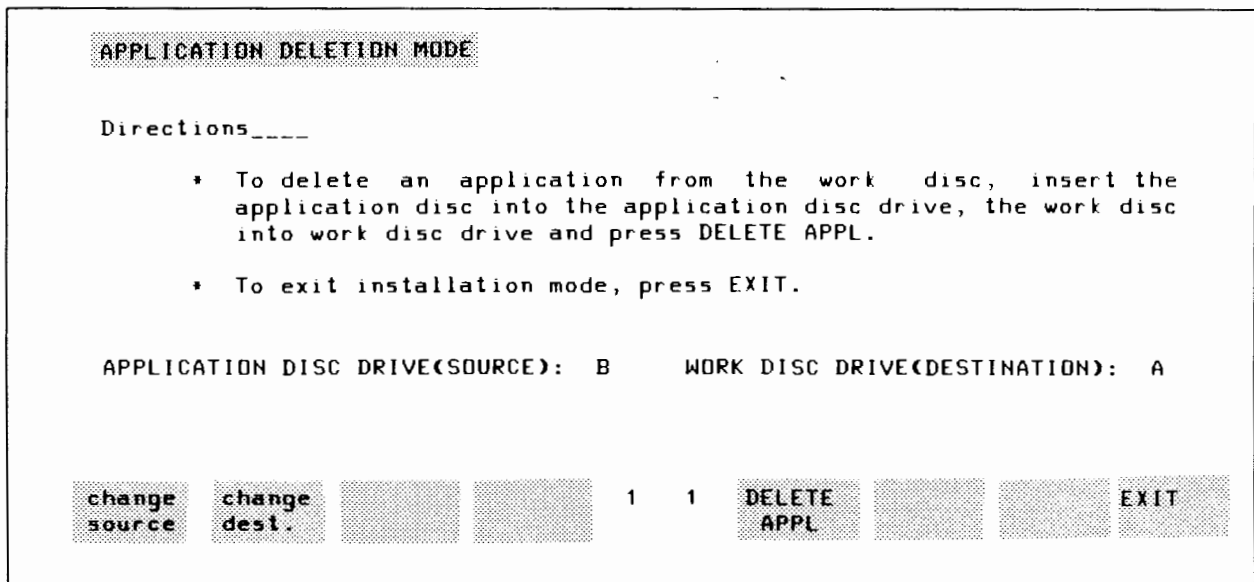


Figure 3-1. Application Deletion Display.

2. Press the change source function key [f1], then press the NEXT SOURCE or PREVIOUS SOURCE function key to change the application disc drive name (probably to drive B or E).
3. Press the change dest. function key [f2], then press the NEXT DEST or PREVIOUS DEST function key to change the work disc drive name (probably to drive A).
4. Following the instructions on the screen, insert the application disc into the application disc drive (the right drive).
5. Press the DELETE APPL function key to delete the application from the work disc.

The message below is displayed:

```
APPLICATION DELETION IN PROGRESS
```

```
(the application you are deleting is printed here
along with the version number)
```

When you delete an application, the function key label for that application will disappear from the Welcome Menu. Labels for other applications will shift to the left, so that all empty labels appear to the right.