

# Rainbow™ 100

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Getting Started

digital equipment corporation

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The postage-prepaid READER'S COMMENTS form on the last page of this document requests the user's critical evaluation to assist us in preparing future documentation.

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# Preface

## Welcome to the Rainbow 100 Computer

We congratulate you on the purchase of the Rainbow 100 personal computing system. The Rainbow 100 computer is today's most versatile CP/M system. And it is the only industry standard computer built to DIGITAL'S quality specifications and backed by DIGITAL'S commitment to service and support. The Rainbow 100 computer is a sound investment in personal productivity that you'll enjoy using every day.

To get you started, we have prepared a set of easy-to-use documentation. We welcome your comments, which you can record on the card in the back of each manual. Please let us hear from you.

Remember that purchasing your first Rainbow 100 computer is just the beginning of your relationship with Digital Equipment Corporation, the world's leading manufacturer of minicomputers. Our dedication to quality manufacturing, our extensive availability of spares and accessories, and our service organization of 16,000 representatives worldwide are your further assurance of total DIGITAL quality. With the Rainbow 100 computer and our unique CP/M-86/80 operating system you have an investment that will grow in value as you use it now and in the future.

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# Starting and Stopping the Computer

This guide assumes you are a first-time user of Digital Equipment Corporation's Rainbow 100 computer. The guide presents each procedure in a step-by-step manner. Therefore, it is important for you to follow each step in sequence. If you attempt to follow steps out of sequence, some procedures will be confusing to you. Enjoy using the computer.

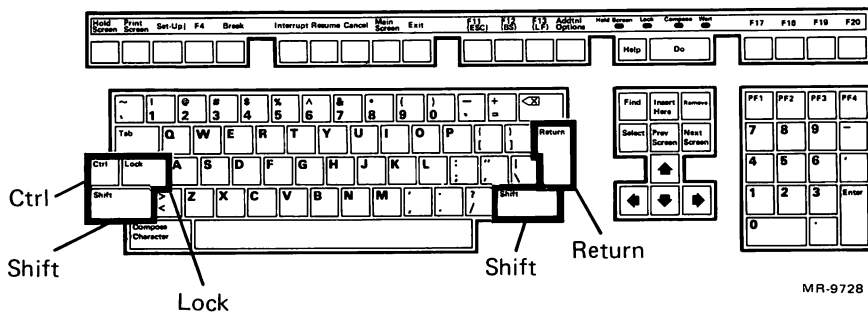
This guide is organized as follows:

- Chapter 1: Starting and stopping the computer
- Chapter 2: Copying diskettes
- Chapter 3: Using the Computer-Based Instruction (CBI) diskette that teaches basic concepts about the Rainbow 100 computer and the CP/M-86/80 operating system

## Starting and Stopping the Computer

The following information is helpful for you to know in order to use the computer.

- In this guide, in examples of dialog between you and the computer, what the computer displays on the screen is printed in black. The characters you type from the keyboard are printed in color.
- You can type these characters in either lowercase or uppercase. Use the Shift or Lock Key on the keyboard to produce uppercase characters. These keys are shown in the illustration below.



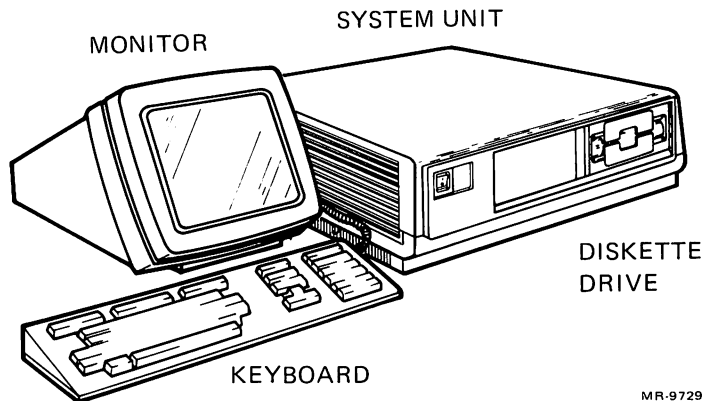
### NOTE

You cannot use the Lock key to type the characters shown above the numbers or above other special characters on the keyboard. For example, if you want to type \$, %, \*, (, :, ", ?, you must use the Shift key. The Lock key only affects the alphabetic characters. When the Lock key is on, you can resume lower case by pressing the Lock key again.

- Be sure to type all spaces and punctuation marks exactly as they are printed in this guide. If you mistype a word or character, for example, a semicolon (;) when it should be a colon (:), a message is displayed and you must retype the line.

- <Return> means to press the Return key.
- <Ctrl/C> means to hold down the control key (labeled Ctrl on the keyboard). While you are still holding the Ctrl key, press the C key and then release both keys gently.

(To see the location of these keys, refer to the illustration on the previous page.) You can't hurt the computer. Nothing that you type on the keyboard will do any damage to the Rainbow 100 computer. The illustration below shows a Rainbow 100 computer including a monitor (video screen), keyboard, and system unit with two diskette drives (some units have four drives).



MR-9729

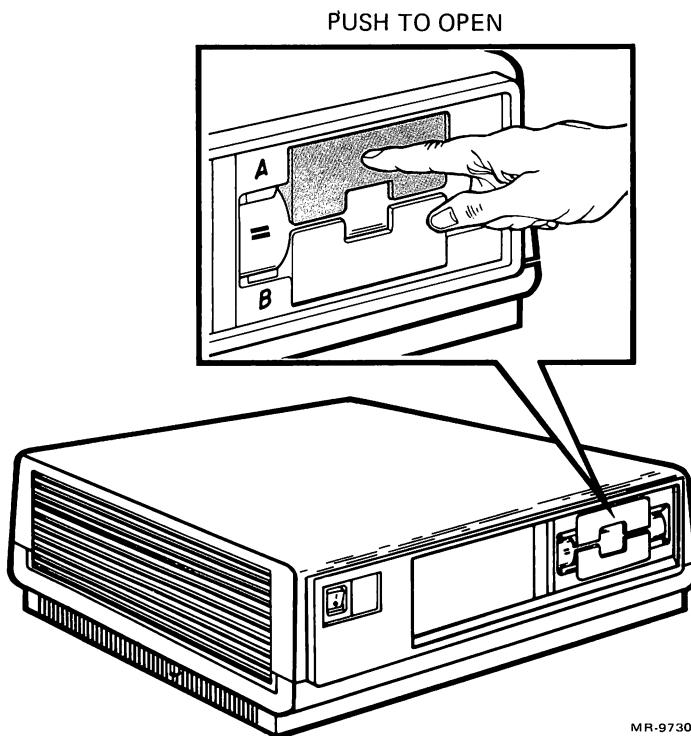
## Setting up the Rainbow 100 Computer

If you need help at any time, call the appropriate DIGITAL Customer Help Line number listed at the end of this guide.

The instructions in this section assume that the computer has been installed according to the *Rainbow 100 Installation Guide*.

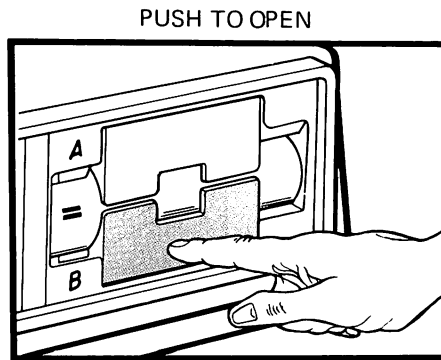
### Opening the drive doors on a horizontal unit.

1. Open drive A by pushing on the **top** of the drive door.



MR-9730

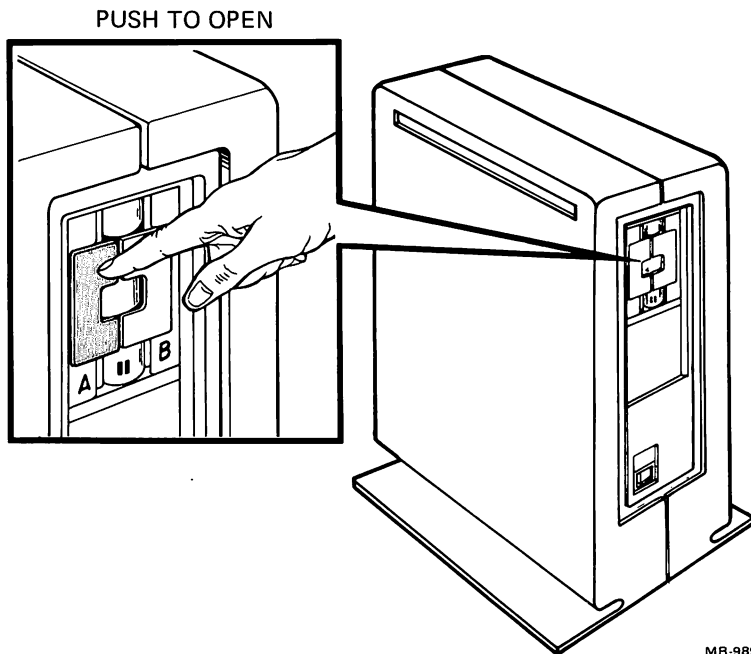
2. Open drive B by pushing on the **bottom** of the drive door.



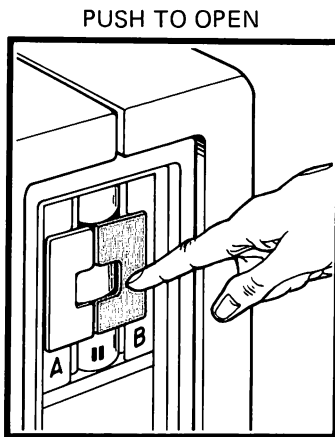
MR-10160

## Opening the drive doors on a vertical unit.

1. Open drive A by pushing on the left edge of the drive door.



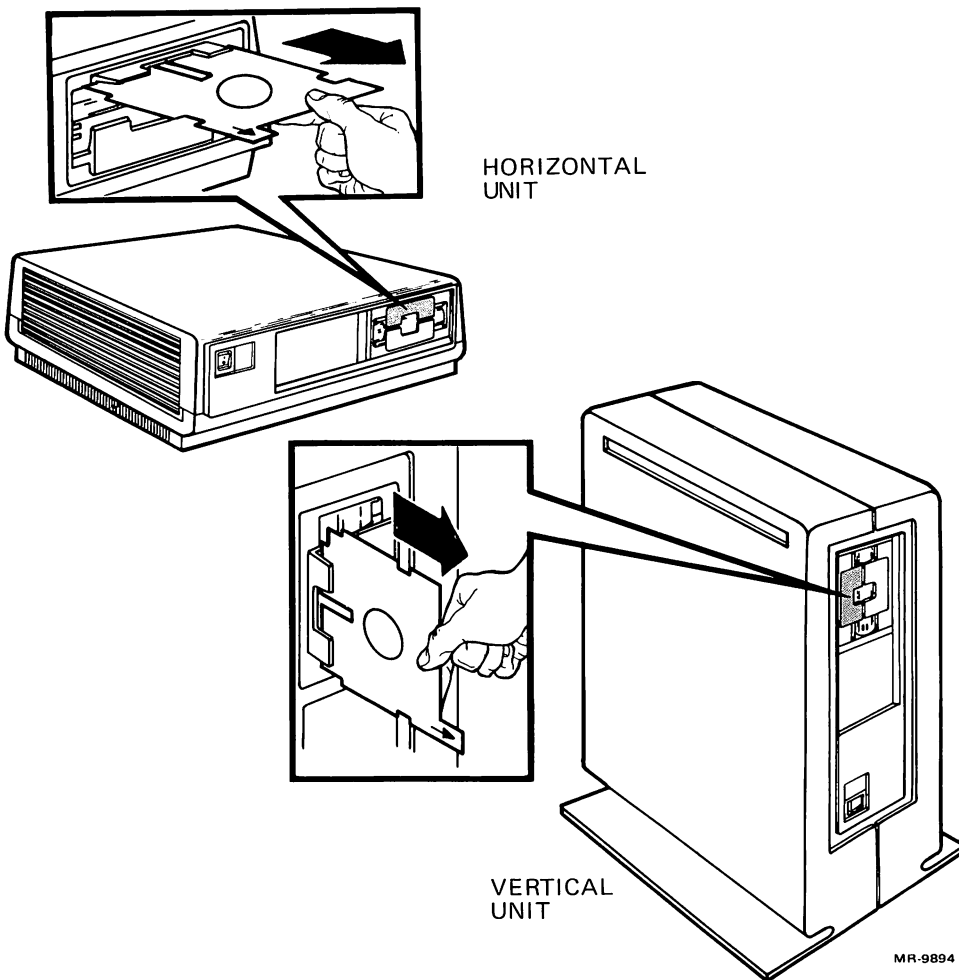
2. Open drive B by pushing on the **right** edge of the drive door.



MR-10161

## Removing the protective card or diskette.

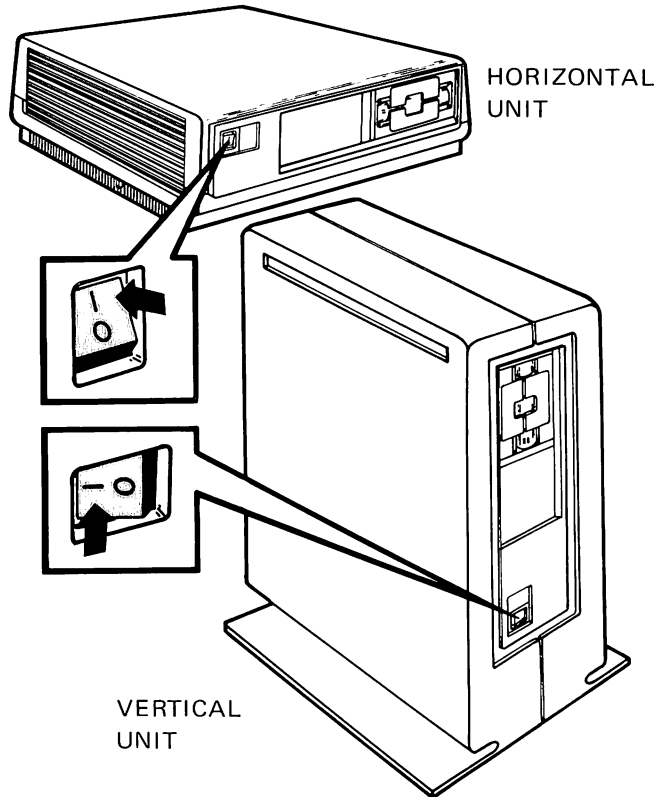
1. Be sure the diskette drives are empty.
2. If the protective card was not removed as part of the installation procedure, remove it now from drive A (and drive C if you have four drives). Also remove any diskettes that you find in the drives. Remove these by grasping their outer edge and pulling *gently*.



The protective card prevents the drive components from moving during shipment. Be sure to save it to use later if you move the computer.

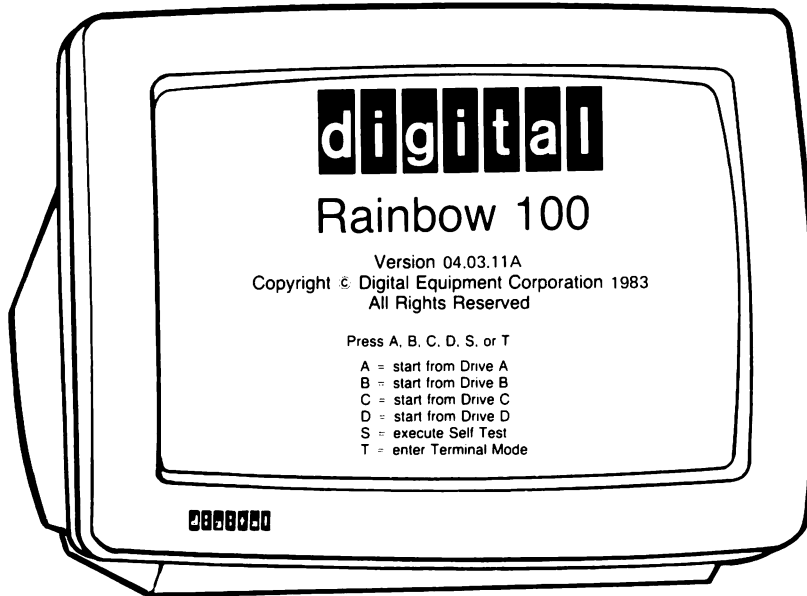
## Turning on the Rainbow 100 Computer

Turn on the computer by pressing the power switch to the 1 (on) position.



MR-9895

After about 13 seconds, you hear whirring sounds and a beep. Then the Main System Menu is displayed as shown on the next page.



MAIN SYSTEM MENU

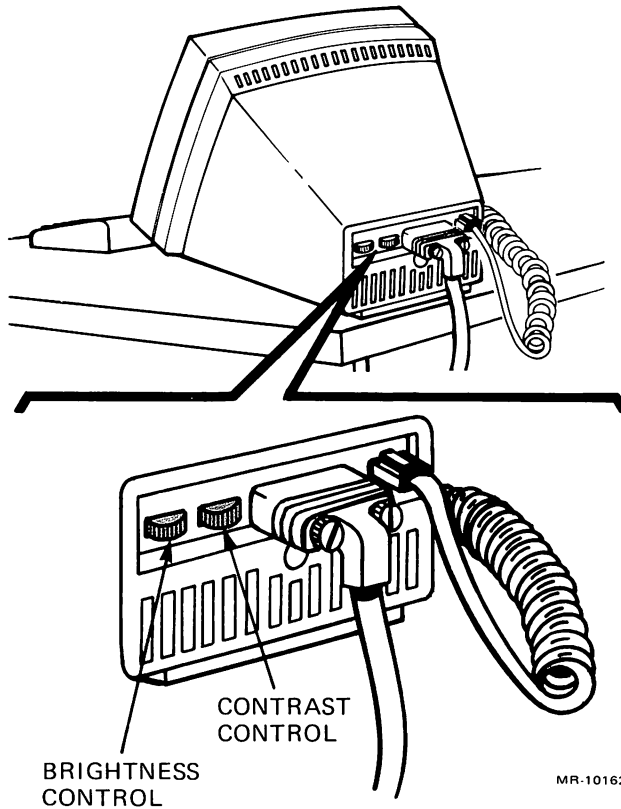
MR-9888

### Helpful Information

When you turn the computer on:

- It automatically runs a short self-test to check its components.
- The drive doors may be open or closed.
- The version number of the computer is displayed above the copyright notice in the Main System Menu. The number on your screen may be different from the number shown in the sample above. If you ever need to report a problem, your vendor may ask for your version number.

- If the display of the Main System Menu is too dim or too bright, or is not displayed at all, adjust the brightness and contrast controls on the back of the monitor as shown below.



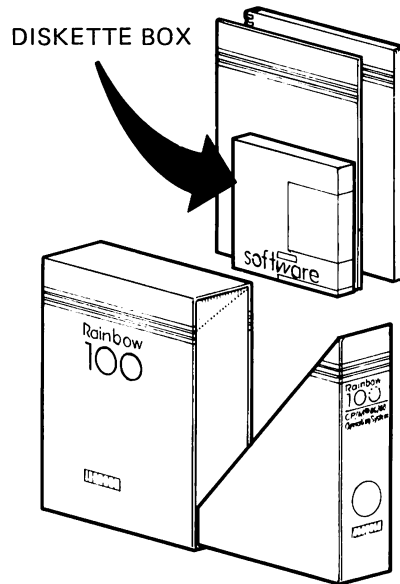
Contrary to the instructions in the Main System Menu, **do not** press any keys at this time. Wait until you have followed the instructions for inserting a diskette. If you accidentally press A, B, C, or D, the computer displays:

```
CONSULT USER'S GUIDE FOR ASSISTANCE - drive not ready
```

If you see this message, turn the computer off by pressing the power switch to 0. Then turn it on again and start over. If you see any other message, follow the instructions given in the message.

## Finding the CP/M-86/80 Master System Diskette

1. Open the Rainbow 100 CP/M-86/80 Operating System Kit and remove the diskette box.



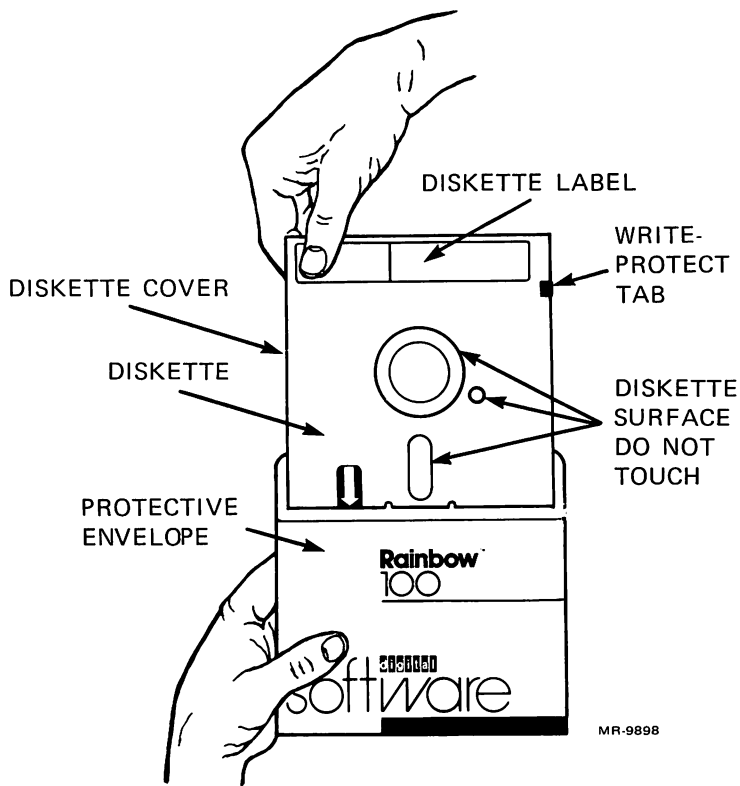
MR-9897

2. Remove the CP/M-86/80 master system diskette from the diskette box.



MR-9912

3. Remove the CP/M-86/80 master system diskette from its protective paper envelope.



### Helpful Information

- Handle a diskette by its edges. Do not touch diskette surfaces that show through in the center.
- If you want more information about diskettes, refer, at your leisure, to Appendix A in the *Rainbow 100 User's Guide*.

## Starting the Operating System

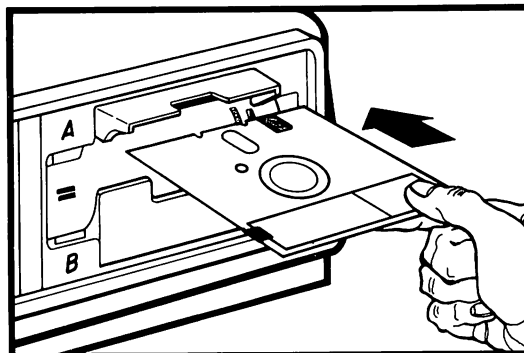
The Rainbow 100 computer operates with a group of instructions called an operating system that control the overall operation of the computer. You are using an operating system known as CP/M-86/80.

When the Main System Menu, shown in the section called “Turning on the Rainbow 100 Computer”, is displayed on the screen, you can start the operating system. Proceed with the following instructions:

## Inserting the master system diskette into a horizontal unit.

1. If the drive A door is closed, open it.
2. With the diskette label facing **up** and the write-protect tab on the **left**, insert the diskette into drive A.

ALIGN ORANGE ARROW  
ON DISKETTE WITH  
THE ORANGE STRIPE  
ON THE DISKETTE DRIVE

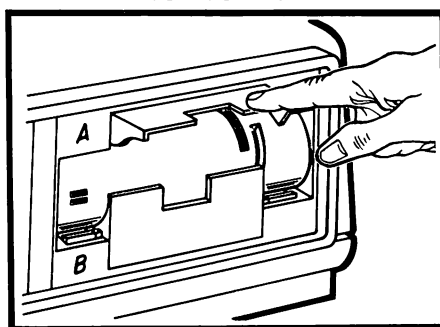


WRITE-PROTECT TAB

MR-10163

3. With the diskette securely in drive A, close the drive door by pushing on the outside of the open door. If the door does not close easily, make sure the diskette is fully inserted.

PUSH TO CLOSE

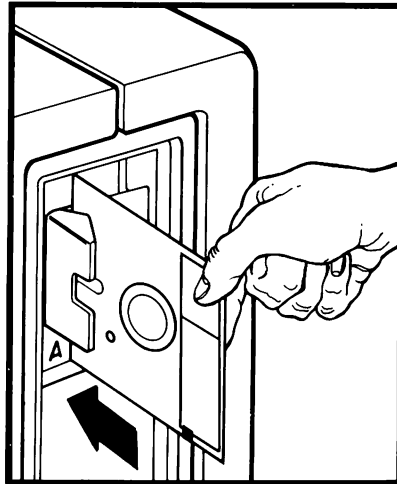


MR-10164

## Inserting the master system diskette into a vertical unit.

1. If the drive A door is closed, open it.
2. With the diskette label on the **left** and the write-protect tab facing **down**, insert a diskette into drive A.

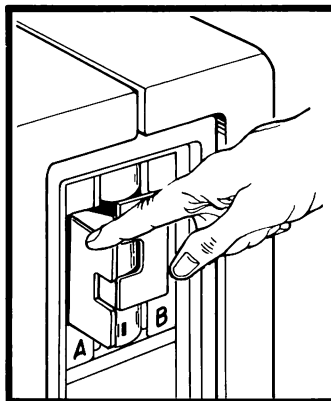
ALIGN ORANGE ARROW  
ON DISKETTE WITH  
THE ORANGE STRIPE  
ON THE DISKETTE DRIVE



MR-10165

3. With the diskette securely in the drive, close the door by pushing on the outside of the open door.

PUSH TO CLOSE



MR-10166

## Starting and Stopping the Computer

---

On the keyboard, press:

A

in response to the Main System Menu.

### Helpful Information

- Pressing A tells the computer which drive contains the system diskette.
- You will hear clicking and whirring sounds from the drive.
- A small light beside the drives turns on briefly.
- You will see the following message:

```
CP/M-86/80 Loading ...
```

- After the clicking and whirring sounds stop, the operating system displays the start-up message as shown below.

```
CP/M-86/80 Version 1.0 (1.1)  
(c) Copyright 1981 Digital Research Inc.  
(c) Copyright 1982 Digital Equipment Corporation
```

```
A>
```

MR-S-2337-82

- The version number of the operating system is displayed. The number on your screen may be different from the number shown in the previous screen.
- If the entire start-up message does not display as shown, follow the instructions shown in the message at the top of the screen.

### **Congratulations! You have now successfully started the operating system.**

The last symbol displayed on the left side of the screen, A>, is called the operating system prompt or prompt. The computer displays this prompt automatically to indicate that it is waiting (or prompting) for instructions from you. The prompt consists of the name of the drive the operating system is currently accessing (A, B, C, or D) and a right angle bracket. The drive that is currently being accessed is also known as the active, or default, drive.

## Resetting the Rainbow 100 Computer

Resetting the computer is like turning it off and then on again without pressing the power switch. It allows you to start over without having to remove the diskettes. When you reset the computer, it acts as though it were just turned on, and displays the Main System Menu.

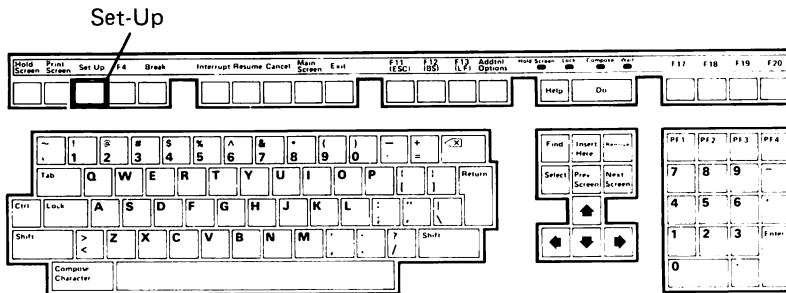
### Helpful Information

- You may need to start over if the computer does not respond as expected. If, for example, the Main System Menu is not displayed after you turn the power on.
- Resetting works only when the computer is turned on.

### How to Reset the Computer

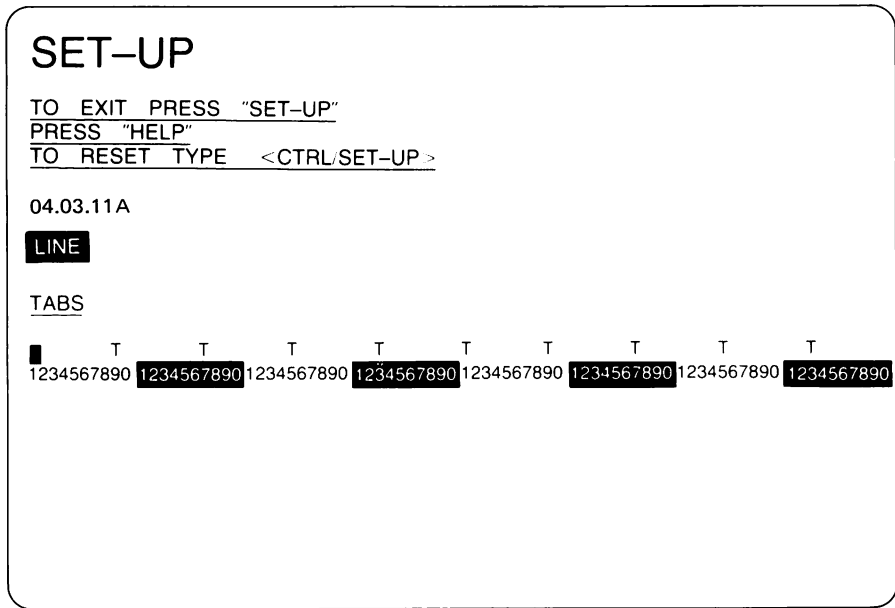
Practice resetting the computer now by following the instructions below:

1. Press the Set-Up key shown in the next illustration.



MR-9896

Then the text on your screen should look like the screen below.



MR-9889

2. Hold down the Ctrl key. While you are still holding the Ctrl key, press the Set-Up key again. Then release both keys gently.

Elsewhere in this guide, a reset is symbolized by <Set-Up> <Ctrl/Set-Up>. You can reset the computer with or without diskettes inserted in the drives.

## Starting and Stopping the Computer

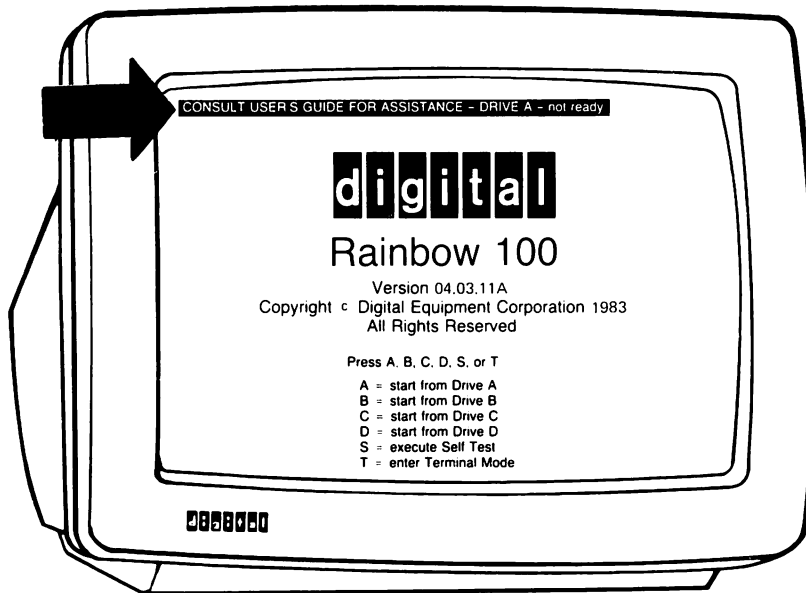
---

The computer displays

TESTING...

In about four seconds, the computer again displays the Main System Menu.

While you are using the computer, you may see unexpected messages displayed on the screen. There are many possible reasons for these messages. For example, the computer may have found a problem while you are running a program, which is a collection of instructions to the computer. If you see an error message, refer to the error messages section of the *Rainbow 100 User's Guide*. The illustration below shows an example of an error message. You see this message if you have inserted a diskette in the wrong way.

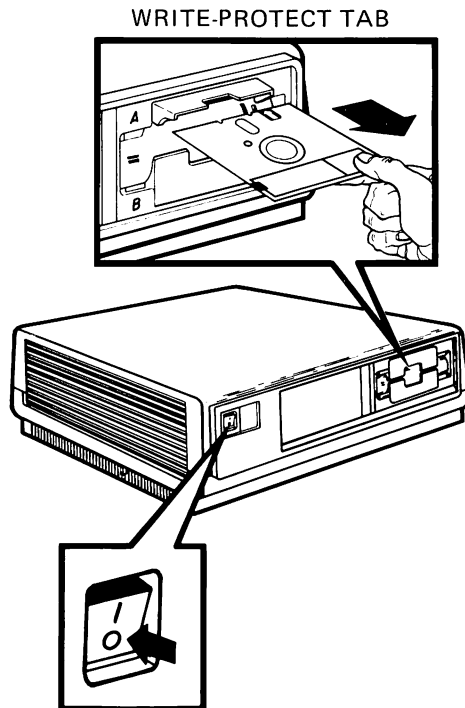


The *Rainbow 100 User's Guide* lists all error messages in alphabetical order and explains how to solve the problem that causes each message.

## Turning off the Computer

This section describes how to turn the computer off. However, if you are using the computer for the first time, leave it on with the master system diskette in drive A, and proceed to the section called **What to do Next**.

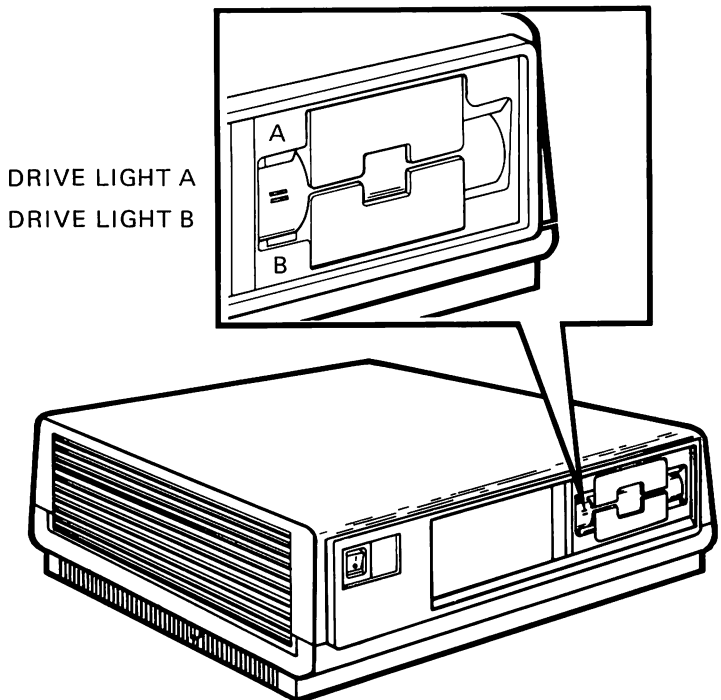
To end an operating session, **remove all diskettes before turning the computer off**. Then turn the computer off by pressing the power switch to 0.



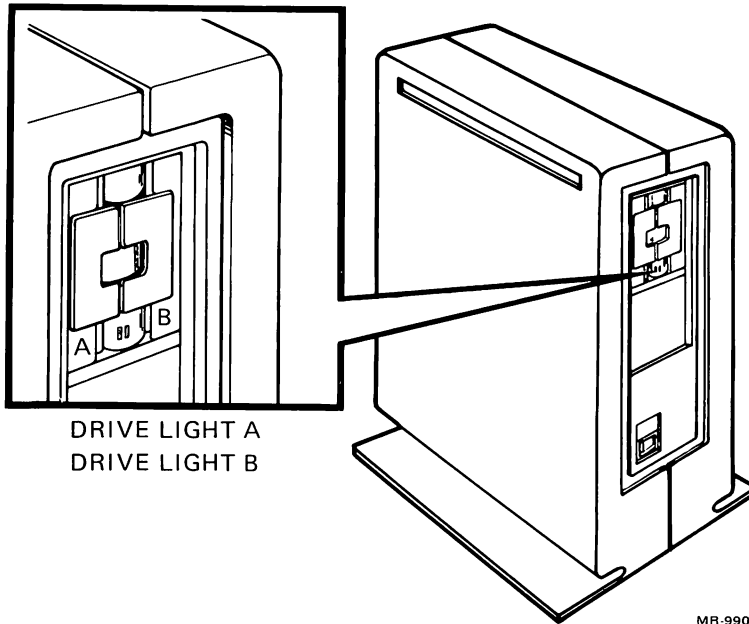
MR-10167

**IMPORTANT**

Do not remove a diskette from its drive while the operating system is accessing information on it. This activity is easy to detect because the small lights beside each drive are lit when the operating system writes to or reads from a diskette. The illustrations below and on the following page show the location of these lights.



MR-9906



**IMPORTANT**

Always place diskettes in their protective paper envelopes and store them in a safe place. Keep diskettes in close fitting, dust-tight boxes. Store these boxes in rooms with consistent temperature, humidity, and cleanliness.

**What to do Next**

Press A to start the CP/M-86/80 operating system. Then read Chapter 2 and follow the instructions to make a copy of the CP/M-86/80 master system diskette that is currently inserted in drive A.

---

## Copying a Diskette

This chapter tells you how to copy a diskette. As an example, the chapter describes how to make a copy of the CP/M-86/80 master system diskette that is currently inserted in drive A.

### Why Copy a Diskette?

It is important to copy or back up all diskettes because a diskette can be accidentally damaged or lost. By making copies of the diskettes, you generate working copies and can store the originals, or master diskettes. The stored diskettes are then available to make other copies from, if necessary.

You should back up all your diskettes regularly. To do this, use the COPY program, which copies the entire contents of one diskette to another diskette.

## Looking at the Diskette Directory

Each diskette contains files, which are collections of information. Each diskette also contains a file directory, called directory, which is similar to a book's table of contents. A directory tells the operating system what files are stored on the diskette.

To display the names of files that are stored in the CP/M-86/80 master system diskette, type:

```
A>DIR<Return>
```

Remember that the symbol <Return> means "press the Return key".

The operating system displays a list of file names on the screen as shown on the next page. Note that the COPY program (COPY.COM) is listed in the directory.

```
CP/M-86/80 Version 1.0 (1.1)
(c) Copyright 1981 Digital Research Inc.
(c) Copyright 1982 Digital Equipment Corporation
```

```
A>DIR
A: HELP      CMD : MAINT    CMD : PIP      CMD : COPY     COM
A: RED       CMD : DEMO    DOC : STAT    CMD : SUBMIT   CMD
A: SYSCOPY   SUB
```

```
SYSTEM FILE(S) EXIST
A>
```

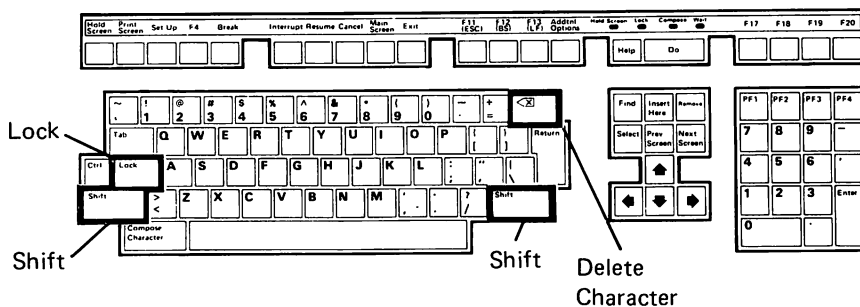
MR-S-2339-82

## Helpful Information

- The names on your screen should be the same, but they may appear in a different order.
- The message “SYSTEM FILE(S) EXIST” means that other files are also stored on the diskette.
- Remember that nothing you type on the keyboard will damage the computer.
- You can type instructions to the operating system in lowercase or uppercase characters. To produce uppercase characters, use the Shift or Lock keys.

## Copying a Diskette

- If you make a typing mistake, you can correct it by using the delete character key (the key above the Return key, marked with an X) as long as you have not pressed the Return key.



MR-9903

If you made a mistake but have already pressed the Return key, the operating system repeats what you typed followed by a question mark. For example, if you type:

```
A>DIRR<Return>
```

the operating system responds with:

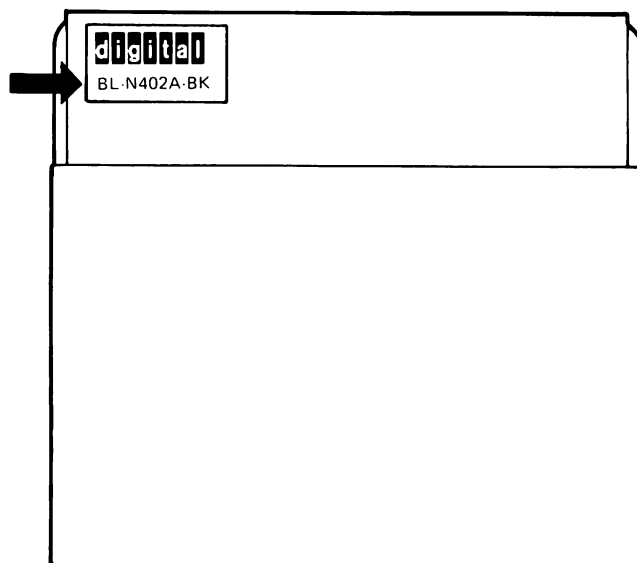
```
DIRR?  
A>
```

As long as you see the prompt, A>, you can type instructions to the operating system.

## Using the COPY Program

To copy the files from the CP/M-86/80 master system diskette in drive A, you must first insert a blank diskette into drive B. You copy the CP/M-86/80 master system diskette onto this blank diskette.

1. Remove a blank diskette from the diskette box in the Rainbow 100 CP/M-86/80 Operating System Kit. The part number, BL-N402A-BK, is printed on the blank diskette's label.



MR-9910

### NOTE

You must always use Rainbow 100 diskettes that are labeled RX50 or RX50K. You cannot copy information to any other type of diskette.

2. Remove the blank diskette from its protective paper envelope.

## Copying a Diskette

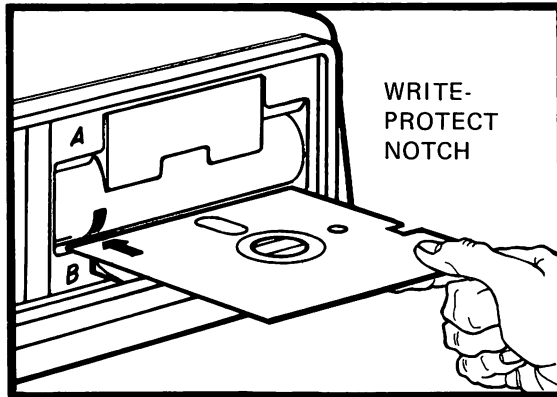
---

3. Open drive B and insert the diskette:

- **Horizontal unit**

With the label facing **down** and the write-protect notch on the **right**, insert the diskette into drive B.

ALIGN ORANGE ARROW  
ON DISKETTE WITH  
THE ORANGE STRIPE  
ON THE DISKETTE DRIVE



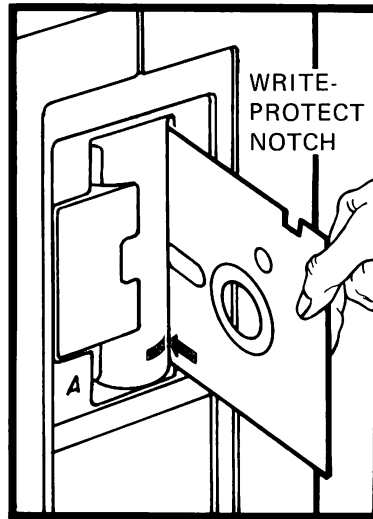
INSERT DISKETTE  
"UPSIDE DOWN"  
IN DRIVE B

MR-10168

- **Vertical unit**

With the label on the **right** and the write-protect notch facing **up**, insert the diskette into drive B.

ALIGN ORANGE ARROW  
ON DISKETTE WITH  
THE ORANGE STRIPE  
ON THE DISKETTE DRIVE



MR-10169

4. Close drive B by pushing on the outside of the open door.

## Copying the Master System Diskette

The COPY program allows you to copy the CP/M-86/80 operating system files from a diskette in drive A to a diskette in drive B. In this example, you copy the files from the master system diskette in drive A to the blank diskette in drive B.

The COPY program takes about two minutes to complete.

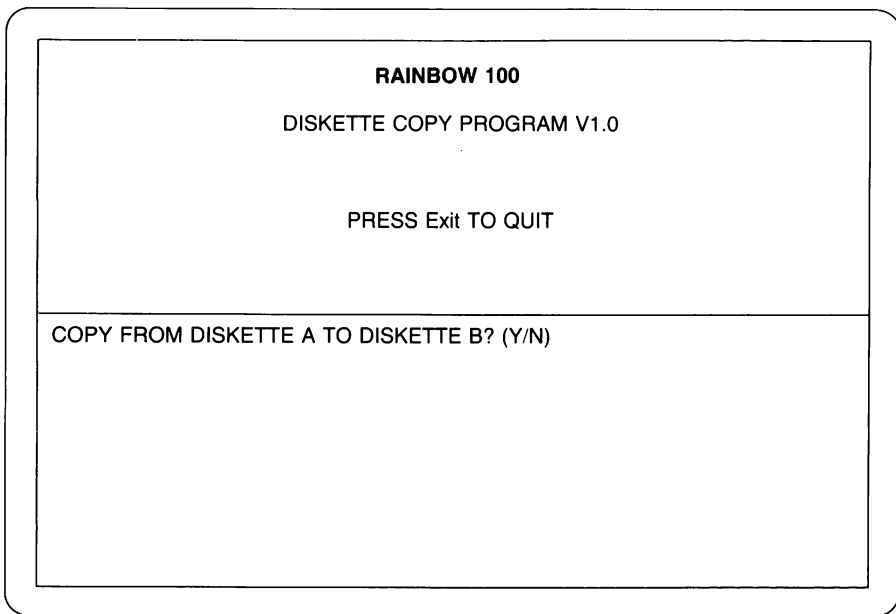
### NOTE

If you make a mistake or want to stop the COPY program at any time, press the Exit key, which is above the 9 key, once to stop the program and a second time to return to the prompt, A>. Then start over with step 1.

1. After the A>, type:

```
A>COPY<Return>
```

The screen displays the text shown below.



MR-S-2331-82

To copy from drive A to drive B, press:

Y

## Copying a Diskette

---

2. COPY then adds the instructions shown below.

```
RAINBOW 100
DISKETTE COPY PROGRAM V1.0

PRESS Exit TO QUIT

COPY FROM DISKETTE A TO DISKETTE B? (Y/N) Y

INSERT SOURCE DISKETTE INTO DRIVE A
INSERT DESTINATION DISKETTE INTO DRIVE B

START COPYING? (Y/N) █
```

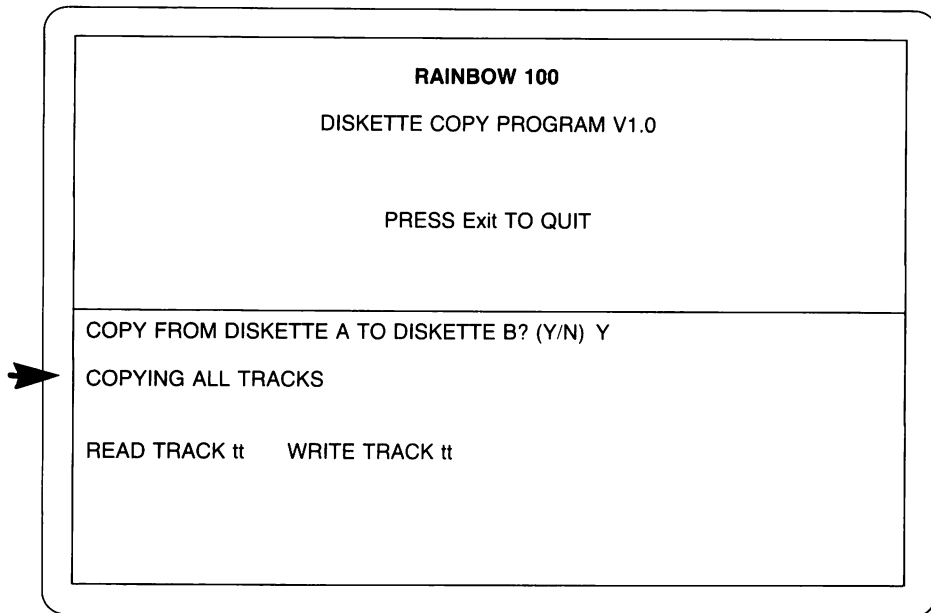
MR-S-2719-83

Because you already have the correct diskettes in drive A and drive B, you are ready to start copying.

To start copying, press:

Y

3. COPY then displays the text below as it reads and writes tracks on the diskette. (A track is a concentric circle on a diskette where information is stored.)



MR-S-2333-82

The cursor (the blinking rectangle) moves between the READ TRACK and WRITE TRACK portions of the screen indicating which of the 80 tracks (numbered 0–79) are currently being read or written. The current track being read from or written to is represented by “tt” in the screen above.

As the tracks are being read and written, the small lights beside each drive turn on and off and the drives make clicking and whirring sounds. **Do not remove any diskettes while this is taking place.**

#### NOTE

If any messages are displayed while you are copying, refer to the discussion of the COPY command in the *Rainbow 100 User's Guide*, or to the error messages section of that guide.

## Copying a Diskette

---

When the copying process is complete, the program displays the text below.

```
RAINBOW 100
DISKETTE COPY PROGRAM V1.0

PRESS Exit TO QUIT

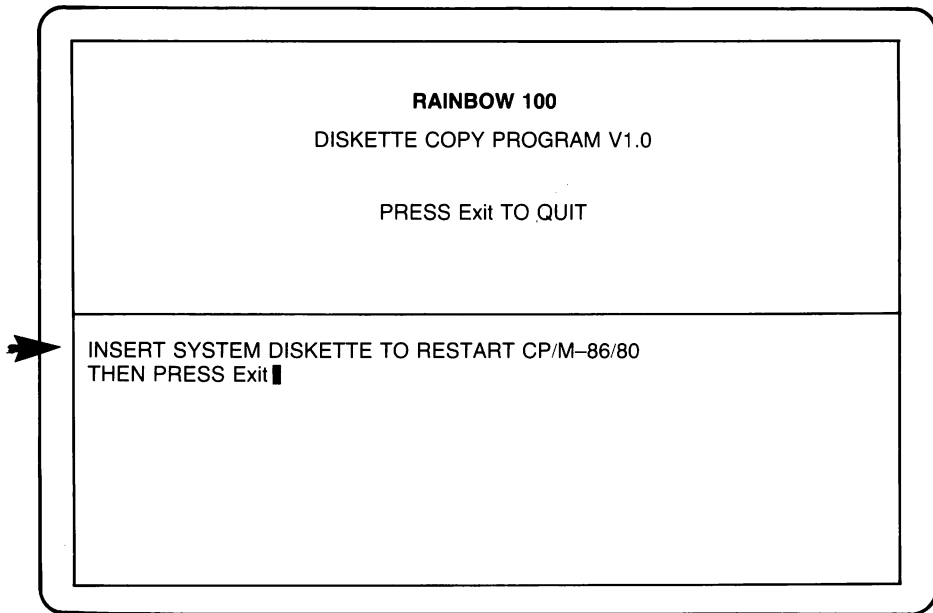
COPY FROM DISKETTE A TO DISKETTE B? (Y/N) Y
COPYING ALL TRACKS
READ TRACK 79 WRITE TRACK 79
COPY/VERIFY COMPLETE TO DRIVE B
IF YOU WANT ANOTHER COPY, INSERT NEW DISKETTE INTO DRIVE B
DO YOU WANT ANOTHER COPY? (Y/N)
```

MR-S-2335-82

4. Since you do not want another copy, press:

N

The program then displays the instructions shown below.



MR-S-2718-83

5. Since the master system diskette is already inserted in drive A, press:

Exit

which is located above the 9 key.

Then, the operating system displays:

A>

If, for any reason you see something other than A>, press the Return key. The operating system repeats what is already on the screen followed by a question mark and another A>. This indicates that the computer did not understand the first instruction. When you see the A>, you can proceed.

**Congratulations! You have now successfully created a copy of the CP/M-86/80 master system diskette.**

6. Open the drive A door and **remove the CP/M-86/80 master system diskette**. Return this diskette to its protective envelope and store it in a safe place. By storing this master diskette, you are preserving a reliable diskette from which to make future copies of the operating system if the diskette you use daily is damaged or lost.

7. Open the drive B door and remove the newly copied diskette. On one of the spare labels, write "CP/M-86/80 Working" with a felt-tip pen. If the label is already attached to the diskette, do not use a ball-point pen or a pencil. These can damage the diskette. Then attach the label to the front of the diskette. Use this "working" copy for your everyday operations.

### NOTE

Remember not to remove a diskette from its drive if the drive light is lit. This indicates that the computer is still accessing information.

8. Insert the working copy into drive A so you can take the CBI instruction course described in Chapter 3.
9. Press:

```
<Ctrl/C>
```

by holding the Ctrl key and pressing C. The operating system displays

```
A>^C  
A>
```

This tells the operating system that you have inserted a new diskette into the drive.

10. Type

```
A>DIR<Return>
```

to see a list of all the files that have been copied to the working diskette.

## What to do Next

Proceed with Chapter 3 and take the Computer-Based Instruction (CBI) course.

# 3

---

## Using the CBI Course

The Rainbow 100 computer comes with a Computer-Based Instruction (CBI) course that teaches you about the Rainbow 100 computer and the CP/M-86/80 operating system. It is stored on a separate diskette labeled "SYSTEM OVERVIEW". If you plan to take the entire course at one time, allow two to three hours. The course design, however, allows you to take a break whenever you are ready and then return to the lesson where you left off.

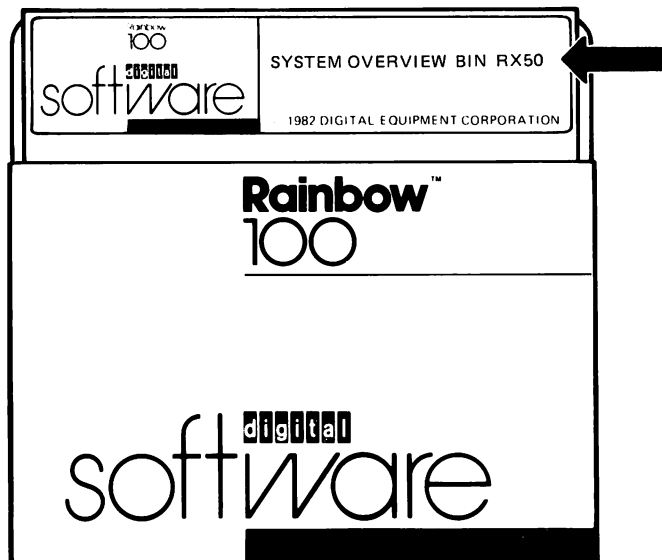
### CBI Course Format

All of the instruction in the CBI course is presented on the Rainbow 100 computer. Animated graphics and text give you an overview of the various components of the Rainbow 100 computer and introduce you to the CP/M-86/80 operating system.

## Using the CBI Course

To start the course, your system should be turned on, with the working diskette in drive A. The last character displayed on the screen should be the prompt, A >. If this is not the case, see Chapter 1 on starting the computer.

1. Find the course diskette from the diskette box in the Rainbow 100 CP/M-86/80 Operating System Kit. "SYSTEM OVERVIEW" is printed on the diskette's label as shown below.



MR-9913

2. Remove the course diskette from its protective envelope.
3. Open the drive B door and insert the course diskette. Close the drive B door.
4. Press <Ctrl/C> to tell the operating system that a new diskette is in drive B.
5. After the A>, type:

A>B:<Return>

**NOTE**

Remember you can use the Shift or Lock keys to type commands in uppercase characters, or you can type the commands in lowercase characters. However, the Lock key affects only alphabetic characters. To type a colon (:) you must press the Shift key.

The operating system displays:

B >

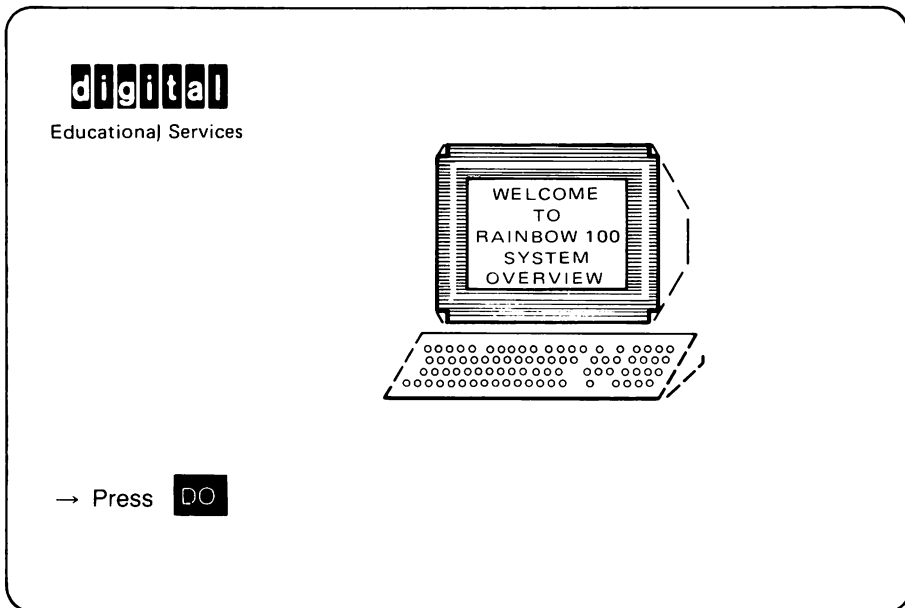
6. After the B >, type:

B >LEARN RAINBOW<Return>

The operating system displays

One Moment, Please...

followed by the introductory message as shown below.



MR-9911

7. Now press:

<Do>

This is the large key located in the top row of keys on the right side of the keyboard.

The course then displays its Main Menu listing the titles of the main sections of the course.

**MAIN MENU**  
**RAINBOW 100 SYSTEM OVERVIEW**

Make a choice by using the up and down arrow keys.  
Then press **DO** .

If you are taking the course for the first time, press the DO key to select the COURSE INTRODUCTION

**COURSE INTRODUCTION**

MODULE 1 Computer Basics  
MODULE 2 Getting Started  
MODULE 3 File Services  
MODULE 4 Commands and Utilities

LEAVE THE COURSE

MR-9909

## Helpful Information

- We recommend that you proceed through the entire course, after reading the remaining pages of Chapter 3.
- If you wish to take a short break, choose the “RETURN TO MAIN MENU” option from a module menu.
- Take particular care not to exit from the course too soon. As you finish each lesson, check it off in the list provided in the next section, “Module Descriptions”. That way, you can be sure to return to the appropriate lesson after taking a break.

## Module Descriptions

The course is divided into an introduction and four sections called modules, each consisting of three or four lessons. At the end of each module, the course provides a summary of what you have just learned. The introduction describes:

- The features of the course, such as HELP
- The organization of the course

The checklist on the next page shows the lessons covered in each module. Check off each one as you complete it.

Introduction

Module 1: Computer Basics

1.1 Computer Overview

1.2 Rainbow 100 Base-System

1.3 The Keyboard

Choose "RETURN TO MAIN MENU" to go to other modules.

Module 2: Getting Started

2.1 Introduction to CP/M

2.2 Rainbow 100 Start-up

2.3 Entering Commands

2.4 Copying the System Disk

Choose "RETURN TO MAIN MENU" to go to other modules.

Module 3: File Services

3.1 Naming Files

3.2 File Organization

3.3 File Access and Protection

Choose "RETURN TO MAIN MENU" to go to other modules.

Module 4: Commands and Utilities

4.1 CP/M Built-in Commands

4.2 Display Status (STAT)

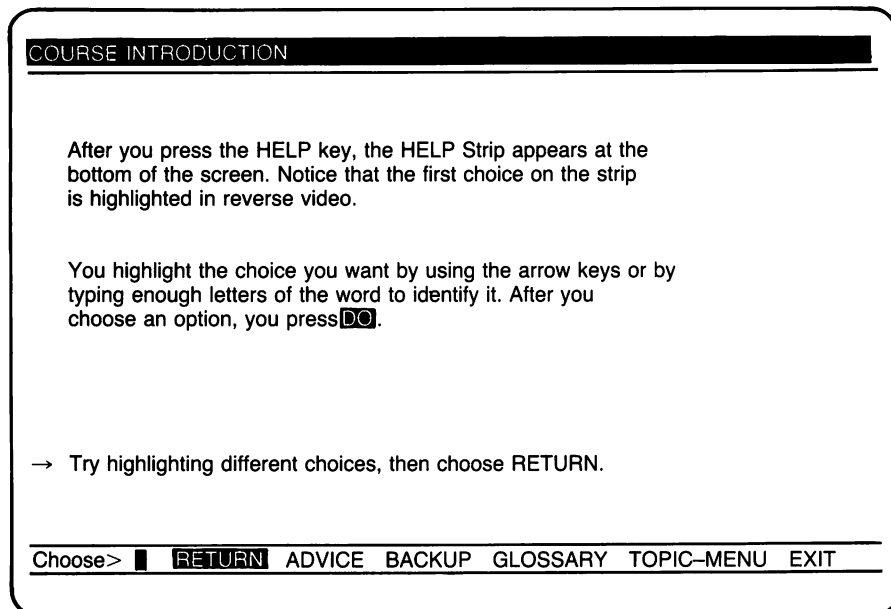
4.3 File Handling (PIP)

4.4 Editing Using RED

Choose "RETURN TO MAIN MENU" to go to other modules.

## Getting Help

To get help at any time while you are taking the course, press the Help key. This key is located to the left of the Do key in the top row of keys. If you press the Help key while taking a lesson, the course displays a menu across the bottom of the screen. The screen below shows HELP instructions and the HELP Menu on the bottom of the screen.



MR-S-2717-83

### NOTE

The term “reverse video”, used in the screen above, means that a word is displayed in light characters on a dark background.

When the HELP menu appears:

1. Choose one of the HELP options by pressing the left or right arrow keys or by typing the first letter of the option.
2. Press the Do key.

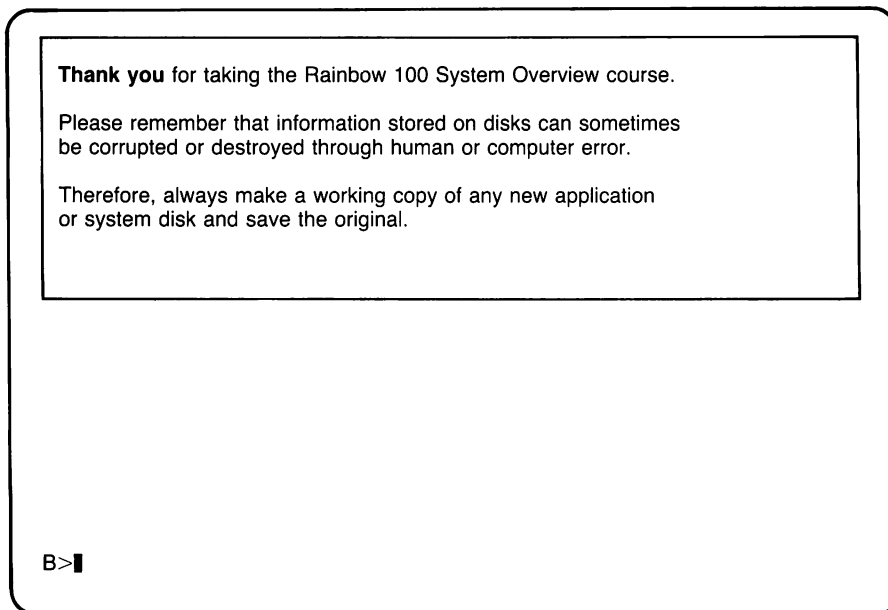
The following is a brief description of each option in the HELP Menu.

Option	Description
RETURN	Takes you back to the screen you were reading.
ADVICE	Displays instructions to help you respond to a screen.
BACKUP	Allows you to go back and review material just covered.
GLOSSARY	Allows you to get the definition of a word used in the CBI course. After you type a word, press the Do key.
TOPIC-MENU	Displays a choice of topics in the current lesson. This option is useful for reviewing specific topics.
EXIT	Takes you back to the menu of the current module.

To exit HELP, select either the RETURN or the EXIT option as described above.

## Leaving the CBI Course

To leave the course, select the LEAVE THE COURSE option from the Main Menu or any of the module menus. (If you are in the middle of a lesson, you can use the EXIT option on the HELP strip to get to the module menu.) When you leave the CBI course, the operating system displays the screen below.



MR-S-2721-83

## What To Do Next

At this point, you are ready to begin working with the computer. You may wish to do one of the following:

- Review a specific topic in the CBI course. To return to the beginning of the course, type:

```
B>LEARN RAINBOW<Return>
```

Then choose the module or lesson you want to review.

- Return to drive A to use programs stored on the working diskette. To do this, type:

```
B>A:<Return>
```

The operating system then displays:

```
A>
```

- Read an application manual such as SELECT-86<sup>1</sup> or Multiplan-86<sup>2</sup> for information about:
  - Making a copy of the application diskette or the CBI diskette. To copy the CBI diskette, follow the same procedures for copying an application diskette.
  - Creating and editing a document using a word processing program.
  - Running the application program.
  - Making a single diskette with both the system programs and the application programs on it.

---

1. SELECT is a trademark of SELECT Information Systems, Inc.

2. Multiplan is a trademark of Microsoft Corporation.

- Read the *Rainbow 100 User's Guide* for information about:
  - Referencing CP/M-86/80 programs and commands
  - Creating and editing a document using the Rainbow 100 text editor, RED.

If you are not going to continue to use the computer at this time, open the drive doors and remove the diskettes. Remember to return the diskettes to their protective paper envelopes. Turn the computer off by pressing the switch to 0.

---

# Appendix

# A

---

## Getting Help

If you need help, call any of Digital's International Help Line numbers.

The telephone numbers for help or information are as follows:

<b>Country</b>	<b>Phone Number</b>
U.S.A.	(800) DEC-8000
Canada	(800) 267-5251
United Kingdom	(0256) 59 200
Belgium	(02)-24 26 790
West Germany	(089) 95 91 66 44
Italy	(02)-617 53 81 or 617 53 82
Japan	(0424) 64-3302
Denmark	(04)-30 10 05
Spain	(1)-73 34 307
Finland	(90)-42 33 32
Holland	(1820)-31 100
Switzerland	(01)-810 51 21
Sweden	(08)-98 88 35
Norway	(02)-25 64 22
France	(1)-687 31 52
Austria	(222)-67 76 41 extension 444
Australia	
Sydney	(02) 412-5555
All other areas	(008) 226377

---

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## HOW TO ORDER ADDITIONAL DOCUMENTATION

### If you want to order additional documentation by phone:

<b>And you live in:</b>	<b>Call:</b>	<b>Between the hours of:</b>
New Hampshire, Alaska or Hawaii	603-884-6660	8:30 AM and 6:00 PM Eastern Time
Continental USA or Puerto Rico	1-800-258-1710	8:30 AM and 6:00 PM Eastern Time
Canada (Ottawa-Hull)	613-234-7726	8:00 AM and 5:00 PM Eastern Time
Canada (British Columbia)	1-800-267-6146	8:00 AM and 5:00 PM Eastern Time
Canada (all other)	112-800-267-6146	8:00 AM and 5:00 PM Eastern Time

### If you want to order additional documentation by direct mail:

<b>And you live in:</b>	<b>Write to:</b>
USA or Puerto Rico	DIGITAL EQUIPMENT CORPORATION Attn: Accessories and Supplies Centers P. O. Box CS2008 Nashua, NH 03061  NOTE: Prepaid orders from Puerto Rico must be placed with the local DIGITAL subsidiary (Phone 809-754-7575)
Canada	DIGITAL EQUIPMENT OF CANADA LTD. 940 Belfast Road Ottawa, Ontario K1G 4C2 Attn: A&SG Business Manager
Other than USA, Puerto Rico or Canada	DIGITAL EQUIPMENT CORPORATION Accessories and Supplies Center A&SG Business Manager c/o Digital's local subsidiary or approved distributor

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Did you find this manual understandable, usable, and well-organized? Please make suggestions for improvement.

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Did you find errors in this manual? If so, specify the error and the page number.

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Please indicate the type of reader that you most nearly represent.

- First-time computer user
- Experienced computer user
- Application package user
- Programmer
- Other (please specify) \_\_\_\_\_

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Organization \_\_\_\_\_

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City \_\_\_\_\_

State \_\_\_\_\_

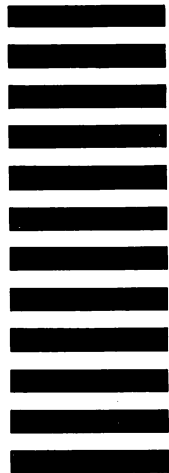
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