

---

**TRS-80®**

---

**Model 100 Portable Computer**

---

**SCRIPSIT® 100**

---

**TRS-80® MODEL 100 TO SCRIPSIT® 100 MANUAL**  
**Catalog Number 26-3830**

The backup instructions include two modules that are normally loaded automatically. They do not appear on the tape label. These modules are on the tape immediately following CORTNS and are named CORTN1 and CORTN2.

**Radio Shack**  
A DIVISION OF TANDY CORPORATION  
FORT WORTH, TEXAS 76102

875-9494

TERMS AND CONDITIONS OF SALE AND LICENSE OF RADIO SHACK  
COMPUTER EQUIPMENT AND SOFTWARE PURCHASED FROM A  
RADIO SHACK COMPANY-OWNED COMPUTER CENTER, RETAIL  
STORE OR FROM A RADIO SHACK FRANCHISEE OR DEALER AT ITS  
AUTHORIZED LOCATION

## LIMITED WARRANTY

### I. CUSTOMER OBLIGATIONS

- A. CUSTOMER assumes full responsibility that this Radio Shack computer hardware purchased (the "Equipment"), and any copies of Radio Shack software included with the Equipment or licensed separately (the "Software") meets the specifications, capacity, capabilities, versatility, and other requirements of CUSTOMER.
- B. CUSTOMER assumes full responsibility for the condition and effectiveness of the operating environment in which the Equipment and Software are to function, and for its installation.

### II. RADIO SHACK LIMITED WARRANTIES AND CONDITIONS OF SALE

- A. For a period of ninety (90) calendar days from the date of the Radio Shack sales document received upon purchase of the Equipment, RADIO SHACK warrants to the original CUSTOMER that the Equipment and the medium upon which the Software is stored is free from manufacturing defects. THIS WARRANTY IS ONLY APPLICABLE TO PURCHASES OF RADIO SHACK EQUIPMENT BY THE ORIGINAL CUSTOMER FROM RADIO SHACK COMPANY-OWNED COMPUTER CENTERS, RETAIL STORES AND FROM RADIO SHACK FRANCHISEES AND DEALERS AT ITS AUTHORIZED LOCATION. The warranty is void if the Equipment's case or cabinet has been opened, or if the Equipment or Software has been subjected to improper or abnormal use. If a manufacturing defect is discovered during the stated warranty period, the defective Equipment must be returned to a Radio Shack Computer Center, a Radio Shack retail store, participating Radio Shack franchisee or Radio Shack dealer for repair, along with a copy of the sales document or lease agreement. The original CUSTOMER'S sole and exclusive remedy in the event of a defect is limited to the correction of the defect by repair, replacement, or refund of the purchase price, at RADIO SHACK'S election and sole expense. RADIO SHACK has no obligation to replace or repair expendable items.
- B. RADIO SHACK makes no warranty as to the design, capability, capacity, or suitability for use of the Software, except as provided in this paragraph. Software is licensed on an "AS IS" basis, without warranty. The original CUSTOMER'S exclusive remedy, in the event of a Software manufacturing defect, is its repair or replacement within thirty (30) calendar days of the date of the Radio Shack sales document received upon license of the Software. The defective Software shall be returned to a Radio Shack Computer Center, a Radio Shack retail store, participating Radio Shack franchisee or Radio Shack dealer along with the sales document.
- C. Except as provided herein no employee, agent, franchisee, dealer or other person is authorized to give any warranties of any nature on behalf of RADIO SHACK.
- D. Except as provided herein, **RADIO SHACK MAKES NO WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**
- E. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation(s) may not apply to CUSTOMER.

### III. LIMITATION OF LIABILITY

- A. EXCEPT AS PROVIDED HEREIN, RADIO SHACK SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED OR ALLEGED TO BE CAUSED DIRECTLY OR INDIRECTLY BY "EQUIPMENT" OR "SOFTWARE" SOLD, LEASED, LICENSED OR FURNISHED BY RADIO SHACK, INCLUDING, BUT NOT LIMITED TO, ANY INTERRUPTION OF SERVICE, LOSS OF BUSINESS OR ANTICIPATORY PROFITS OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR OPERATION OF THE "EQUIPMENT" OR "SOFTWARE". IN NO EVENT SHALL RADIO SHACK BE LIABLE FOR LOSS OF PROFITS, OR ANY INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY BREACH OF THIS WARRANTY OR IN ANY MANNER ARISING OUT OF OR CONNECTED WITH THE SALE, LEASE, LICENSE, USE OR ANTICIPATED USE OF THE "EQUIPMENT" OR "SOFTWARE".

continued

NOTWITHSTANDING THE ABOVE LIMITATIONS AND WARRANTIES, RADIO SHACK'S LIABILITY HEREUNDER FOR DAMAGES INCURRED BY CUSTOMER OR OTHERS SHALL NOT EXCEED THE AMOUNT PAID BY CUSTOMER FOR THE PARTICULAR "EQUIPMENT" OR "SOFTWARE" INVOLVED.

- B. RADIO SHACK shall not be liable for any damages caused by delay in delivering or furnishing Equipment and/or Software.
- C. No action arising out of any claimed breach of this Warranty or transactions under this Warranty may be brought more than two (2) years after the cause of action has accrued or more than four (4) years after the date of the Radio Shack sales document for the Equipment or Software, whichever first occurs.
- D. Some states do not allow the limitation or exclusion of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to CUSTOMER.

#### IV. RADIO SHACK SOFTWARE LICENSE

RADIO SHACK grants to CUSTOMER a non-exclusive, paid-up license to use the RADIO SHACK Software on one computer, subject to the following provisions:

- A. Except as otherwise provided in this Software License, applicable copyright laws shall apply to the Software.
- B. Title to the medium on which the Software is recorded (cassette and/or diskette) or stored (ROM) is transferred to CUSTOMER, but not title to the Software.
- C. CUSTOMER may use Software on one host computer and access that Software through one or more terminals if the Software permits this function.
- D. CUSTOMER shall not use, make, manufacture, or reproduce copies of Software except for use on one computer and as is specifically provided in this Software License. Customer is expressly prohibited from disassembling the Software.
- E. CUSTOMER is permitted to make additional copies of the Software **only** for backup or archival purposes or if additional copies are required in the operation of one computer with the Software, but only to the extent the Software allows a backup copy to be made. However, for TRSDOS Software, CUSTOMER is permitted to make a limited number of additional copies for CUSTOMER'S own use.
- F. CUSTOMER may resell or distribute unmodified copies of the Software provided CUSTOMER has purchased one copy of the Software for each one sold or distributed. The provisions of this Software License shall also be applicable to third parties receiving copies of the Software from CUSTOMER.
- G. All copyright notices shall be retained on all copies of the Software.

#### V. APPLICABILITY OF WARRANTY

- A. The terms and conditions of this Warranty are applicable as between RADIO SHACK and CUSTOMER to either a sale of the Equipment and/or Software License to CUSTOMER or to a transaction whereby RADIO SHACK sells or conveys such Equipment to a third party for lease to CUSTOMER.
- B. The limitations of liability and Warranty provisions herein shall inure to the benefit of RADIO SHACK, the author, owner and/or licensor of the Software and any manufacturer of the Equipment sold by RADIO SHACK.

#### VI. STATE LAW RIGHTS

The warranties granted herein give the **original** CUSTOMER specific legal rights, and the **original** CUSTOMER may have other rights which vary from state to state.

SCRIPSIT® 100

**Radio Shack®**  
A DIVISION OF TANDY CORPORATION  
FORT WORTH, TEXAS 76102

## TABLE OF CONTENTS

Introduction.....	1
Required Equipment.....	2
Optional Equipment.....	2
Copying Your Tape.....	2
Loading the Information.....	2
Copying the Information to a New Tape.....	3
Special Loading Instructions.....	4
Before You Begin.....	5
Reference Section.....	6
Setting Up a Format — WSPEC.....	6
Using Dot Commands.....	12
Special Printer Commands.....	14
Automatic SCRIPSIT 100 Features.....	15
Printing Your Document — WRITE.....	16
Interrupt Printing and Printing Abort.....	16
Sample Session.....	17
Setting Up Your WSPEC File.....	17
Entering Your Text.....	18
Embedding Dot Commands in Your Text.....	19
Using Special Printer Commands.....	19
Printing the Text.....	20
Error Messages.....	21

Portable Computer Support Group  
© 1984 Tandy Corporation  
Licensed to Tandy Corporation  
All Rights Reserved

Portable Computer Support Group Manual  
© 1984 Tandy Corporation  
Licensed to Tandy Corporation  
All Rights Reserved

Reproduction or use without express written permission from Tandy Corporation, of any portion of this manual is prohibited. While reasonable efforts have been taken in the preparation of this manual to assure its accuracy, Tandy Corporation assumes no liability resulting from any errors or omissions in this manual, or from the use of the information obtained herein.

SCRIPSIT® 100 is easy to use and turns your Model 100 into a true word processor. With SCRIPSIT 100 and the text writer program that is built into your Model 100, you can prepare letters, articles, and reports that are organized exactly the way you want them. You enter and edit your documents through the text writer program. You set up your format and print through SCRIPSIT 100.

SCRIPSIT 100 contains a file, called WSPEC, in which you can set your own default values for:

- Margins
- Headers and footers
- Line spacing
- Page numbers
- Number of copies
- Lines per page
- Output device
- Global printer commands

You can change these values at any time. You can also vary your text from the standard format with "dot" commands within your document. These instructions, which you "embed" within your text, allow for a variety of different formats in a single document. In addition to varying your document from the standard format, you can use dot commands to:

- Underline
- Indent paragraphs
- Center text
- Start a new page
- Create a title page
- Suppress "orphan" lines

---

## Required Equipment

---

TRS-80® Model 100 Portable Computer with at least 16K memory

AC Power Supply (26-3804) or four AA batteries

Cassette recorder, such as the CCR-81 (26-1208), and cable

Radio Shack parallel printer

Model 100 printer cable (26-1409)

---

## Optional Equipment

---

If communicating directly to another computer:

RS-232C cable (such as the 26-1490)

Null Modem Adapter (26-1496), if connected to a TRS-80

Cable extender (in some cases)

If communicating to another computer via the telephone lines:

Model 100 Modem Cable (26-1410), or

Model 100 Acoustic Coupler (26-3805)

See pages 75-79 and 193-194 of your Model 100 Owner's Manual for more information on optional equipment.

---

## Copying Your Tape

---

It is a good idea to make at least one copy of the tape provided with this package. Use this copy if the original tape is lost or destroyed.

### Loading the Information

To make a copy of the SCRIPSIT 100 cassette, you must first load and save all of the programs contained on the tape into memory, as follows:

1. Disconnect any peripheral equipment from your Model 100 and perform a **Cold Start**. (See page 195 of your owner's manual.)
2. Connect a cassette recorder to your Model 100 and insert the original tape. Rewind the tape and press **PLAY**.
3. Move the cursor over **BASIC**, and press **(ENTER)**. At **OK**, type **SOUND OFF (ENTER)**.
4. Load **WSPEC** according to the "Making Copies of Document Files" section of the "Model 100 Applications Quick Reference."
5. Load and save the **BASIC** program, **CORTNS**. It should appear in your Main Menu as **CORTNS,BA**.
6. In **BASIC**, type **CLEAR 100, 58073 (ENTER)**.
7. Type **LOADM "CAS:CORTN1" (ENTER)** to load the machine-language program, **CORTN1**. Type **SAVEM "CORTN1", 62770, 62959 (ENTER)** to save the program. It should appear as **CORTN1,CO** in your Main Menu.
8. In **BASIC**, type **LOADM "CAS:CORTN2" (ENTER)** to load the machine-language program, **CORTN2**. Type **SAVEM "CORTN2", 58073, 58262 (ENTER)** to save the program. It should appear as **CORTN2,CO** in your Main Menu.
9. Load and save **WRITE** as a **BASIC** program.

**Note:** To avoid running out of memory, you can load **WRITE** after you have already saved the other programs to a new tape. After all the files are successfully saved, **KILL** one or more of them to make room for **WRITE**. Load and save it to memory, then save it to tape.

### Copying the Information to a New Tape

Now all the programs that you loaded and saved to memory must be copied to tape, as follows:

1. Insert a new, blank tape into the cassette recorder, rewind it to the beginning, fast-forward the tape slightly past the leader, and press **PLAY** and **RECORD** at the same time.
2. Save **WSPEC** onto tape.

3. Save the BASIC program CORTNS.BA onto tape. (Refer to the "Model 100 Applications Quick Reference.")
4. In BASIC, type **LOADM "CORTN1" (ENTER)**. At **OK**, type **CSAVEM "CORTN1", 62770, 62959 (ENTER)** to save CORTN1 onto tape.
5. In BASIC, type **LOADM "CORTN2 (ENTER)**. At **OK**, type **CSAVEM "CORTN2", 58073, 58262 (ENTER)** to save CORTN2 onto tape.
6. Save WRITE onto tape.
7. After saving all the SCRIPSIT-100 files to tape, you should delete them from the Model 100 Menu before loading SCRIPSIT-100 in accordance with the "Special Loading Instructions."

### Special Loading Instructions

There are three programs or files which you load into your Model 100 in order to run the SCRIPSIT 100 system. These are:

- WSPEC — a document file
- CORTNS — a BASIC program
- WRITE — a BASIC program

For general loading and saving information, see "Model 100 Applications Quick Reference" included with this package. However, there are some specific instructions you must follow when loading these programs.

The programs in this package must be loaded exactly as follows:

1. Load WSPEC according to Step 1 of the "Making Copies of Document Files" section of the "Model 100 Applications Quick Reference."

After WSPEC is loaded, the screen fills with text. Press **(F8)** to return to the Main Menu.

2. Without rewinding the cassette tape or moving the settings, load CORTNS as a BASIC program. This program loads and saves CORTN, a machine-language program that the system uses. (You don't need to save these programs to memory.)
3. Press **(F4)** to RUN the CORTNS program.
4. When the screen displays the BASIC prompt (**OK**), type **RUN 50 (ENTER)**.  
After **OK** is displayed again, press **(F8)** to return to the Main Menu.
5. Load WRITE as a BASIC program, and save it to memory.

Press **(F8)** to return to the Main Menu and you are ready to use SCRIPSIT 100.

### Before You Begin

Before you use the SCRIPSIT 100 system, you should read the sections in your Model 100 Owner's Manual regarding the TEXT program (pp. 19-23 and pp. 43-60). You enter and edit your documents using TEXT. Therefore, you must be familiar with this program before you use SCRIPSIT 100.

After reading the Reference Section, you may be ready to use the program with your own documents. If, however, you would like some practice first, a Sample Session is included at the back of this manual.

## REFERENCE SECTION

### Setting Up a Format — WSPEC

WSPEC is the file that contains your standard print format. To access this format from the Model 100 Main Menu, move the cursor over WSPEC.D0 and press **(ENTER)**. You can change any format values shown. The program stores your changes, so that you don't have to reset your values for each document.

The screen shows only eight lines of WSPEC at one time. Press **(↓)** to scroll through the lines.

```
Lines Per Page:66◀
Line length:80◀
Top Margin:3◀
Bottom Margin:3◀
Left Margin:8◀
Right Margin:4◀
Printing Lines/Page:62◀
Header(%D=Date,%T=Time,%P= Page #):◀
      %D           Page %P      ◀
Footer:◀
      PCSG,11035 HARRY HINES BLVD
#207,DALLAS,TX 75229 214-351-0564◀
Header switch:1◀
Footer switch:1◀
Format;N=Normal,J=Justify,C=Center:N◀
Line spacings:1◀
Extra line on paragraph(0=no,1=yes):1◀
Start printing at page:1◀
Last page to print:E◀
Number of beginning page in document:1◀
Number of copies:1◀
Pause between pages?(1=yes,0=no):0◀
Feed page at end(0=no,1=yes):1◀
Output to:◀
LPT:◀
Setup strings:◀
```

**Note:** Using **(CTRL)** with an arrow key moves the cursor to the last position in the direction of the arrow — **(CTRL) (↑)** moves the cursor to the beginning of the file, **(CTRL) (→)** moves the cursor to the right end of the current line, **(CTRL) (←)** moves the cursor to the left end of the current line, and **(CTRL) (↓)** moves the cursor to the end of the file.

To change any of the values in the format file, use the arrow keys to move the cursor on top of the carriage return marker at the end of the line you want to change.

Press **(DEL)/(BKSP)** to delete the character immediately preceding the cursor. Delete as many characters as necessary, then type in the new value.

**Important:** The small, triangular symbols (carriage returns) are very important. Don't press **(ENTER)** after you change a value, or you will insert an extra carriage return. Also, be sure you don't change the placement of these carriage return symbols. Refer to the copy of the format screen in this section of your manual for correct placement.

#### Lines Per Page:66◀

Type in the number of lines that can print on your paper. Normal letter-sized paper (8½" x 11") has 66 lines per page (6 lines per inch). If you use a paper size other than 11" long, replace the 66 with the correct number.

#### Line length:80◀

Type in the number of characters that can print on one line of your paper, up to the column width of your printer. For example, although an 8½" wide page can have up to 85 characters per line (10 characters per inch), if you are using an 80 column printer, 80 is the maximum line length you can set.

**Note:** A "Division by Zero" error message displays if your Line length is less than the longest word in your text.

#### Top Margin:3◀

Type in the number of blank lines you want between the header (or the top of the page if there is no header) and the text.



**Bottom Margin:3**◀

Type in the number of blank lines you want between the last line of text and the footer (or the bottom of the page if there is no footer).

**Left Margin:8**◀

Type in the number of character spaces you want from the left edge of the paper to the left margin.

**Right Margin:4**◀

Type in the number of spaces you want from the right margin to the right edge of the paper. If your line length is 75 and you are using 85 character width paper (8½"), the last 10 characters are automatically left blank.

**Printing Lines/page:62**◀

Type in the number of lines you want on your printed page, including top margin, text lines, and bottom margin.

If this number is the same as lines per page, the header and footer will appear **exactly** on the first and last lines of the page, respectively. Set printing lines a few lines less than lines per page, then align the paper down from the top edge to allow for the header and footer.

**Note:** The total of printing lines per page plus a line each for the header and footer must not exceed Lines Per Page.

**Header(%D = Date, %T = Time, %P = Page #):**◀

%D                      Page %P      ◀

Type in your header information. If you want the date, time, and/or page number in your header, type these in as follows, allowing enough space for each to print:

%D prints the date as MM/DD/YY, and uses eight spaces

%T prints the time as HH:MM:SS, and uses eight spaces

%P prints the page number as PP (the first position is blank for a one-digit number), and uses two spaces

You can use special printer commands — underlining, bold-face, and so forth — in your header text. See "Special Printer

Commands" for instructions on using these commands. (Dot commands are not allowed.)

**Note:** Be sure there is only one carriage return, at the end of all of the header information. Also note that headers are not bound by the line length you set for your text.

**Footer:**◀

**PCSG.11035 HARRY HINES BLVD  
#207.DALLAS, TX 75229 214-351-0564**◀

Type in the information you want in your footer. A footer is treated the same as a header, except that it prints at the bottom of the page.

**Header switch:1**◀

If you include a header in your document, set this switch to 1. (Be sure to type a number one, and not a lowercase letter L.) If you don't use a header, set this switch to 0.

**Footer switch:1**◀

If you include a footer in your document, set this switch to 1. (Be sure to type a number one, and not a lowercase letter L.) If you don't use a footer, set this switch to 0.

**Format;N = Normal, J = Justify, C = Center:N**◀

**N** in this field formats your document with a normal, or ragged, right edge. Change the **N** to **J** if you want a justified right margin — the right margin is flush on the margin line you set. If you want the entire text centered, type a **C**.

**Line spacing:1**◀

This instruction controls the paper advance at the end of a printed line. Type 1 for single spacing, 2 for double spacing, 3 for triple spacing, and so on.

**Extra line on paragraph (0 = no, 1 = yes):1**◀

Type 1 to print an extra line between paragraphs, or type 0 to keep the spacing between paragraphs the same as the body of your text.

**Start printing at page:l**◀

If you wish, you can print only certain pages from your text. Select any page number in your document. Any pages that come before the page number you select are shown on the screen but are not printed. The page number you enter must exist — that is, it must be the same as or greater than the beginning page number and less than or equal to the last page number. (See "Number of beginning page in document.")

**Last page to print:E**◀

Type the last page you want printed. If you want to print to the end and you don't know the last page number of your document, type E (End).

**Number of beginning page in document:l**◀

Use this instruction when you have more than one file for a document (for example, if you are merging two documents). If a file is a continuation of a previous one, you can start the new file where the other one left off. Type in the number you wish to assign to the beginning page of the new file. This number must be equal to or less than the "start printing" page number.

**Number of copies:l**◀

Type in the number of copies of your document you want to print. The screen shows you which copy is currently being printed.

**Pause between pages?(1 = yes, 0 = no):0**◀

If you are not using continuous feed forms, type 1 to make the printer pause between pages. After each page prints, the printer stops and the screen displays:

Press ENTER when printer ready

Insert another sheet of paper and press any key. Printing continues with the next page of your document.

**Feed page at end(0 = no, 1 = yes):1**◀

If you use a continuous form printer, you may want to advance an extra, blank page at the end of your document so

that it is easier to remove from the printer. Type 1 to advance an extra page.

**Output to:**◀**LPT:**◀

Indicate the type of output device you are using. Type LPT: to output your formatted text to a line printer, which is the most common output device. You can also redirect your output to other devices:

**LCD:** — print to screen only

**filename** — save to memory

**CAS:filename** — save to cassette

**COM:xxxxx** — output to serial printer or another computer

**LCD:** Type LCD: to output your formatted text to the screen only. This is helpful when checking your format before printing. Special printer commands are ignored when printing to the screen.

**filename** Type a file name with six or less characters to output your formatted text to a new Model 100 file. Special printer commands are ignored when saving to memory. Use the SHIFT-PRINT command to print this file. (See "Printing a Text File" on page 44 of your Model 100 owner's manual.)

**CAS:filename** Type CAS: and a file name with six or less characters to output your formatted text to a cassette file. Special printer commands are ignored when saving to a cassette. After you load the cassette file into memory, use the SHIFT-PRINT command to print this file. (See "Printing a Text File" on page 44 of your Model 100 owner's manual.)

**COM:xxxxx** Type COM: and the proper transmission configuration (from your computer manual) to transmit to other computers or to a serial printer. Hooked up directly through the RS232 port, SCRIPSIT 100 can transmit files to virtually any computer. You can also communicate with a remote terminal through an RS232C modem and the telephone lines. (Read page 125 of the Model 100 manual for more information.)

If line spacing problems are encountered after transmitting a file to another computer, output the document to a Model 100 file or to cassette (*CAS:filename*) then transmit the reformatted file, using the Model 100 TELCOM telecommunications program.

**Note:** When you are sending a file to another computer or output device, be sure your control codes are compatible. For example, **CTRL O** is an underline command for the DMP-100, but may instruct a receiving device to perform some other function.

**Setup string:** ◀

Some printers require embedded commands to control print characteristics (density, font, and so forth). Use this feature to set up global commands (for your entire document) that you normally would have to embed at the beginning of your text. Consult your printer manual for the necessary control codes.

To set up these commands, immediately following the colon, press **CTRL** and **P** at the same time. Then insert the printer's control code, by pressing **CTRL** and the print code. (If the code is not a control character, don't press **CTRL** the second time.)

If you embed more than one control code, press **CTRL P** before each. This string of control codes is sent to the printer every time a document is printed. See "Printer Control Codes" in this manual for more information.

## Using Dot Commands

If you want the standard format throughout your document, use only WSPEC. However, if you want to vary the format within the document, you can embed a few simple "dot commands" in your text. Dot commands appear on the screen, but not in your printed copy.

When you embed a dot command in your text, any new values you set take the place of the standard format values. These values remain in effect until you insert another dot command to change them. You can change these commands — margins, justification, and so forth — as often as you wish.

At the Main Menu, place the cursor over **TEXT** and press **ENTER**. Then type in the name of your document (six characters or less) at the prompt. Now you are ready to type in your document and use the **SCRIPSIT 100** commands.

To enter a dot command, press **ENTER** to insert a carriage return at the end of the text immediately preceding the command. Place each command on a separate line, with no leading spaces. Type a period (dot), the command (a capital letter), and then press **ENTER**.

**Right and left margins.** Enter **.Ln** to set the left margin and **.Rn** to set the right margin. The *n* stands for the *number* of spaces you wish to skip.

You can use the **.Ln** command or the **TAB** key to indent a paragraph. Note, though, that only one "tab" setting can be used for a paragraph; and it must be at the beginning of the paragraph.

**Format.** Enter **.C** to begin text centering, **.J** for justified right margins, or **.N** for a ragged right edge.

**Skip Lines.** Enter **.Un** to skip *n* lines before printing the next text.

**Line spacing.** Enter **.Sn** to change the line spacing in the text that follows the command. Insert 1 for single spacing, 2 for double spacing, and so on.

**Note:** If you set the line spacing to 0, you must insert a carriage return at the end of each text line, and set the Extra Line on Paragraph switch to 1.

**Suppress printing of orphan lines.** You may have a section of text that you don't want printed alone at the bottom of a page. You can embed a dot command to keep these "orphan" lines from printing, unless a certain number of lines

will fit on the current page. If the number of lines requirement is not met, the program starts a new page.

Enter **.Mn** to suppress the printing of orphan lines, where *n* is the minimum *number* of lines to appear from this point to the end of the page.

**Chapter end.** Enter **.P** to end a section and start a new page.

**Header switch.** Enter **.Hn** to change the header switch. Insert a **0** (for *n*) to turn off the header or a **1** to turn on the header.

Since the header is the first thing that appears on a page, you must switch the header on or off **before** the page you wish to change. For the first page of your document, set the header switch in the WSPEC file.

**Footer switch.** Enter **.Fn** to change the footer switch. Insert a **0** (for *n*) to turn off the footer or a **1** to turn on the footer.

You can include this dot command anywhere on the page.

### Special Printer Commands

Most printers require special control commands to underline, print double width characters, or to perform other special print features. SCRIPSIT 100 sends these codes to your printer so that you can use any special feature available on your printer.

The print codes for the Radio Shack DMP-100 are used in this manual. Every printer has different print codes. Check your printer manual and the Model 100 Owner's Manual for the control codes for your printer.

**Note:** A print command which contains a space in its print code (such as the DMP-200 Boldface Off command) and which appears at the end of a document line is not recognized by SCRIPSIT 100. Insert a space directly in front of such a print command to make it recognizable by the program.

**Underlining.** Before the first character you wish to underline, press **CTRL P** then **CTRL O**. A caret symbol and

the letter **O** (^O) appear immediately in front of the text you are underlining.

You must insert the Control-O next to the text, without a space, like this: ^Oword.

At the end of the text you want underlined, press **CTRL P** then **CTRL N**. ^N appears on the screen. Do not leave any spaces between the text and the Control-N. If the text you are underlining is longer than one line, press **CTRL P** **CTRL O** before and **CTRL P** **CTRL N** after the text you want to underline on each line.

**Caution:** Notice that the caret symbol appears above the number 6 on your keyboard. When you press **SHIFT 6** the caret appears on the screen. However, the program will not recognize it as a control character. You **must** use the **CTRL** key.

**Double width characters.** These characters are used primarily for title pages or headings. The line length can be a problem when using double width characters, since SCRIPSIT 100 passes printer commands to the printer unchanged. For instance, an 80 character double width line is actually 160 characters long, and "wraps around" to the next line when printed. (Each blank space in double width also uses two actual character spaces.)

To print double width characters, press **CTRL P** then a Down Arrow (**↓**). ^\_ appears on the screen. Do **not** press the **CTRL** key before you press the (**↓**).

Press **CTRL P**, followed by an Up Arrow (**↑**), to end double width characters. ^^ appears on the screen.

### Automatic SCRIPSIT 100 Features

There are some SCRIPSIT 100 features which are handled automatically by the program.

**Document end feature.** The SCRIPSIT 100 program automatically ends your document properly. At the end of your document, even if it ends in the middle of the page, the program advances the paper to the bottom of the page and prints the footer.

**Top of page.** At the end of your document, after the paper advances to the bottom of the page and the footer is printed, the program advances the paper to the top of the next page (where you aligned the top of the page). You are ready to print again without realigning the paper.

You can also feed an extra, blank page at the end of your document so that you can remove the paper from the printer easily. See "Setting Up a Format — WSPEC" for more information.

## Printing Your Document — WRITE

At the Main Menu, place the cursor over `WRITE.BA`, and press **(ENTER)**. The screen displays the names of the files that WRITE can print. Type the name of your document (with or without the `.DO` extension), and press **(ENTER)**. Make sure your printer is ready, then press **(ENTER)** in response to the printer prompt. Your document is printed.

**Note:** The asterisk (\*) next to `WRITE.BA` indicates that this program is loaded in working memory.

### Interrupt Printing and Printing Abort

While printing a document, you can stop the printer temporarily without any loss of characters. Press the **(PAUSE)** function key. The printer stops after the line in progress is completed. When you are ready to resume printing, press **(PAUSE)** again.

If you want to stop printing for any reason, press **(F7)**. The program stops printing and returns to the prompt screen:

```
Which file to print?
```

Press **(F8)** to return to the Main Menu.

## SAMPLE SESSION

To become familiar with your SCRIPSIT 100 program, complete this sample session by setting up a standard format in the WSPEC file, entering some text, and then using some of the SCRIPSIT 100 dot commands and a special printer command to print a final document.

First, if your SCRIPSIT 100 files are not yet in memory, load them according to the "Special Loading Instructions" in this manual. After loading is complete, the Main Menu appears on the screen.

## Setting Up Your WSPEC File

Move the cursor over `WSPEC.DO`, using the arrow keys, and press **(ENTER)**. The WSPEC file appears on the screen.

The first entry to change is the `Right Margin`. Move the cursor to the correct line and press **(CTRL)** and **(→)** at the same time to move to the end of the line. Press **(DEL)**/**(BKSP)** to delete the old value (4), then type 5 as the new right margin value.

Next, change the `Header`. Move the cursor to the first position of the line after the word `Header`, where the actual header information is entered. Press **(F7)**, and then **(↑)** twice to select these two lines. They are highlighted. Press **(F6)** to "cut" (delete) the lines. Now, type in the new header:

```
(8 spaces) Date: %D      (51 spaces) Page: %P◀
```

Because the screen prints only 40 characters per line, your header appears on two lines of the screen. Be sure you have the spacing correct and that you have only one carriage return, at the end of your header.

The next item to change is the `Footer`. Delete the old footer the same way you deleted the header. Type the new footer as follows:

```
(26 spaces) ABC Co., Inc.◀
```

Press **(F8)** to exit the WSPEC file and return to the Main Menu.

## Entering Your Text

Move the cursor over TEXT, and press **(ENTER)**. The screen shows:

```
File to edit?
```

Type **TEST**, and press **(ENTER)**.

Type in the following text:

```
The TRS-80 Model 100 is a versatile,
portable computer, designed with the
active executive in mind. The small
size and ease of use of this computer
makes it very convenient for someone who
is always on the move.◀
The Model 100 has five very practical
built-in programs. This computer
represents a forward leap in the
application of computing power for the
modern executive.◀
```

Press **(F8)** to return to the Main Menu, then move the cursor over WRITE.BA, and press **(ENTER)**. Note that the filename you used, TEST, now appears as TEST.DO, indicating that TEST is a document, or text, file. Type **TEST** (or **TEST.DO**) and press **(ENTER)**. The screen shows:

```
Press ENTER when printer ready
```

Make sure your printer is ready, then press **(ENTER)**. The text you typed is printed, formatted as you set it up in the WSPEC file. Note the header, footer, and the blank line between the two paragraphs.

After WRITE prints your text file, the Main Menu appears again.

## Embedding Dot Commands in Your Text

At the Main Menu, move the cursor over TEST.DO, and press **(ENTER)**. The document appears on the screen.

**Changing margins and justifying.** In WSPEC you set a left margin of eight and a right margin of five. For the first paragraph, change the left margin to ten, and justify the right margin.

The cursor should be on the first letter of the text. Type **.L10** and press **(ENTER)** to reset the left margin. Now type **.J** and press **(ENTER)** to justify the right margin. The commands appear before the text. Each command is on a separate line, followed by a carriage return marker.

The margins you changed stay in effect until they are reset, so change them back for the second paragraph. Place the cursor over the first letter of the second paragraph, and type **.L8 (ENTER)**. Now type **.N (ENTER)** to change the second paragraph back to the normal format (ragged right margin).

**Centering text for a title.** Add a title to your text. Press **(CTRL) (↑)** to move the cursor to the beginning of the text. Type **.C (ENTER)**, then type: **The Model 100 (ENTER)**. Type **.N (ENTER)** to return to the uncentered format.

## Using Special Printer Commands

The last command to embed is a special printer command for underlining.

**Note:** The control code in this example is for the DMP-100 printer. Check your printer manual to find the correct code for your printer. See "Special Printer Commands" for more information.

**Underlining text.** Place the cursor over the T of TRS-80, and press **(CTRL)** and **(P)** at the same time. Nothing appears on the screen. Now press **(CTRL) (O)**. A caret (control symbol) and a capital letter O appear directly in front of the T. Move the cursor to the space after 100 and press **(CTRL) (P)**

again, and then **CTRL N** to cancel the underline. Your text looks like this on the screen:

```
The ^QTRS-B0 Model 100^N is a versatile
```

## Printing the Text

Now print the text to see the results of your editing. Press **F8** to return to the Main Menu. Move the cursor over **WRITE,BA** and press **ENTER**. Enter **TEST** as the filename, then press **ENTER** in response to the printer prompt. The edited text file is printed.

The first paragraph has a different left margin than the second, and the right margin is justified. The page you printed includes a centered title, a header, a footer, and underlined text.

Experiment with the other **SCRIPSIT 100** features. With the special print commands available on your specific printer, and the other dot commands in **SCRIPSIT 100**, you can produce documents formatted exactly as you want.

## ERROR MESSAGES

There are five different error messages you may see on your screen. Correct these as follows:

### Bad Format File

Look at the **WSPEC** format file example in this manual. Check to see that you haven't added or deleted a carriage return.

If you cannot find the problem, reload the **SCRIPSIT 100** cassette.

### Not found or Menu not found

This also relates to the **WSPEC** file. Correct as above.

### Bad file name or File name not found

You typed in a file name incorrectly. Press **ENTER** and try again.

### I.O. error. Printer problem?

This could be any of several problems:

- Printer mechanical problems
- Full directory
- Cassette problem
- Bad keyboard input
- You pressed **SHIFT/BREAK** while printing

### ERROR nn in line nn

Refer to the list of error messages in the **Model 100 Owner's Manual**. The errors are explained on page 217.

The most common error is the **OM**, or out of memory, error. If this error occurs, you have too much in memory, and there is not enough room to run the **SCRIPSIT 100** program. Unload some of your files in order to free memory space. See your **Model 100** manual.

Many other errors, such as **IF**, or illegal function call, are caused most often by a problem with the **WSPEC** file. Review the **WSPEC** file line by line, and compare it to the example.

Cat. No. 26-3830

