

TASBO-100
 PORTABLE
 COMPUTER:
 HOW TO
 PAINT
 CAR
 WHEELS
 FILES

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INTRODUCTION

The TRS80 Model 100 is CURA's portable computer. The small size of this machine makes it ideal for word processing at home or on trips. This machine can be checked out overnight through Ann Kelley, our Office Manager. This brief guide will help you get your files out of the TRS80 and on to paper or into another machine for further editing or fancier printing. The HP Thinkjet printer can be checked out with the TRS80 and carried to a remote location for printing your files (minor modifications may be necessary--they are explained below). A section on uploading files to the IBM AT personal computer will be of interest if you wish to edit your files using XyWrite or pass the file to another printer. This guide is not meant to be a comprehensive introduction to using the computer. It only covers these two chores; we have several books to help you use the word processing and other software that is built into the Model 100.

PRINTING

The computer should be connected to the HP Thinkjet printer with the flat TRS80 cable (in the carrier pocket), not the round cable that is usually used with the Zenith. "Print" will print the screen and "shift-print" will print the entire file.

If the printer has been used with the Model 100 most recently, things should work fine. If all the printing is on one line or is compressed, the printer may have been set for use with a Zenith computer and the settings need to be changed. If this is the case, printing files will require a change in the dip switch settings on the back panel of the Thinkjet.

0	I	.	.	.	.	.	.	I	I	.	.	.	.	I			
1	I	.	.	.	.	.	.	I	I	.	.	.	.	I			
	<u>I</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>I</u>	<u>I</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>I</u>
	switch settings									switch settings										
	for Zenith									for Model 100										

(Note: only switches 1 and 5 are different.)

The printer reads these switches only when it is first turned on. If you change the switches, turn the printer off and then back on.

It is possible to get compressed output to save paper on long files. See the printer manual for the proper procedure.

UPLOADING

These are the directions for uploading a file from the TRS80 Model 100 to the IBM PC-AT. First, the Model 100 must be connected to the IBM. Unplug the cable from the back of the IBM's modem and connect the Model 100 with the round gray cable from the carrying case. The connection should now be cable to cable.

To prepare the IBM perform the following:

1. Go to the talk directory by typing 'cd talk'.
[Enter]
2. Start the pc-talk program by typing 'pc-talk'.
[Enter]
3. Hit any key to start program.
4. Use alt-f to examine the communications parameters. They should match Table 1. If no changes are required, hit 'esc', then [enter]. (If changes are required, hit [enter] to move the blinking cursor to the incorrect parameter setting, then type correction; you must hit [enter] for all remaining parameters in the list.) In response to questions, type 'Y'.
5. Type alt-r to receive the file. You will be prompted to name the file (specification). This name does not have to be the same as the original name on the Model 100. Be sure to specify the drive (e.g. c:myfile). Hit 'enter'.

Now you must prepare the Model 100 to upload. Follow these steps:

1. Enter the telcom mode from the menu. [Enter]
2. The parameters should be '88N1E,10 pps'. See the Model 100 manual about changing these parameters if they are incorrect. Now you are ready to upload the file.
3. First hit F4 to take you into the communications ("terminal") mode.
4. Hit the 'up' key (F3), and type the file name when prompted [enter].
5. Give the width when prompted (usually 80) and hit [enter].
6. Hit alt-r on the IBM when you are done receiving. Your file will be on your diskette if you specified a or b on the filename; it will be on directory c:/talk if you specified the hard disk.

At this point the file has been uploaded. The following steps will return both machines to their usual states:

1. On the IBM hit alt-x to exit to DOS. Respond 'Y' to terminate question.
2. On the Model 100 hit F8 and respond with a 'Y' to the disconnect question. Hit F8 to exit to the main menu.

If you want to print in some other width than 80 columns or use the laser printer, additional editing in XyWrite may be

necessary. In particular, spaces near carriage returns may need work.

Table 1. Screen dump of IBM-AT's communication parameter screen, properly set to receive a file from the TRS80.

===SET NEW DEFAULTS===

Present program defaults:

Baud rate	9600	Screen dump file	B:SCRNDUMP.PCT
Parity	n	Redial delay	20
Data bits	8	Connect prompt	CONNECT
Stop bits	1	Line 25 help	Y
Echo	N	Foreground	7
Messages	N	Background	0
Strip #1	013	High inten.	15
Replace #1	010	Print port	LPT1:
Strip #2	0	Print init.	,,
Replace #2	0	Print width	80
Strip #3	0	Comm. port	COM1:
Replace #3	0	Comm. init.	,CS,DS
Pacing p=	,,	Modem init.	,,
Logged drive	c:	C/R subst.)
Margin width	70		

Enter \leftarrow to leave unchanged - \langle space \rangle \leftarrow for 'null' value - \langle ESC \rangle \leftarrow to quit
*** Enter new values