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**TRS-80®**

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**Model 100 Portable Computer**

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**Applications Quick Reference**

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## **MODEL 100 APPLICATIONS QUICK REFERENCE**

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# MODEL 100 APPLICATIONS QUICK REFERENCE

This guide explains how to make copies of applications programs and run them on the Model 100 Portable Computer. There are two types of applications programs for the Model 100 — BASIC programs and command programs (written in machine language). Both types of programs create and use document (data) files.

The Model 100 Main Menu lists all files currently in the computer memory. Each filename is followed by a two-letter extension identifying the type of file. The extensions are

- BA — A BASIC program
- DO — A document file
- CO — A command program

If "name" is requested when referring to files, simply enter the filename. If "name.ext" is required, type the filename, a period, and the two-letter extension.

**Note:** If you have problems loading the tape, turn the sound off by going to Model 100 BASIC and typing:

**SOUND OFF (ENTER)**

## Making Copies of BASIC Programs (BA)

1. At the Model 100 Main Menu, using the arrow keys place the cursor over BASIC and press **(ENTER)**.

2. If the program you wish to copy is not in memory, load the program from the tape to the computer memory.
  1. Place the program tape in the recorder, rewind the tape, and press PLAY.
  2. Type **CLOAD** "name" (ENTER).
3. Place a blank cassette in the recorder, rewind the tape, set past the leader, and press the record mechanism.
4. Type **LOAD** (or press (F2) ) "name" (ENTER).
5. When the program is loaded, type **CSAVE** "name" (ENTER).
6. The recorder stops when the file is saved.

## Making Copies of Document Files (DO)

**Note:** When you are in TEXT mode, you must press the function keys. The computer does not recognize a typed command.

1. If the file you wish to copy is not in memory, load the file from the tape to the computer memory.
  1. Place the data tape in the recorder, rewind the tape, and press PLAY.
  2. At the Model 100 Main Menu, move the cursor over TEXT and press (ENTER).
  3. Type "name" (ENTER).
  4. Press (F2) (LOAD) and type the name of the file you want to load from cassette. Press (ENTER).

5. When the file is loaded, press **F8** to return to the Model 100 Main Menu.
2. Move the cursor over the filename and press **ENTER**.
3. Place a blank cassette in the recorder, rewind the tape, position the tape past the leader, and press the record mechanism.
4. Press **F3** (SAVE) and type "name" **ENTER**.
5. The recorder stops when the file is saved. Press **F8** to return to the Model 100 Main Menu.

## Making Copies of Command Programs (CO)

1. At the Model 100 Main Menu, place the cursor over BASIC and press **ENTER**.
2. If the program you wish to copy is not in memory, first load the program to the computer memory.
  1. Place the program tape in the recorder, rewind the tape, and press PLAY.
  2. Type **CLOADM** "name" **ENTER**.
3. Type **LOADM** "name" **ENTER**.
4. Place a blank cassette in the recorder, rewind the tape, position the tape past the leader, and press the record mechanism.

5. Type **CSAVEM** "name", start address, end address, entry address **(ENTER)** (the address numbers are supplied with the program).

## Loading and Running BASIC Programs

From tape:

1. At the Model 100 Main Menu, place the cursor over **BASIC** and press **(ENTER)**.
2. Place the program tape in the recorder, rewind the tape, and press **PLAY**.
3. To read from the tape, type **CLOAD** "name" **(ENTER)**.
4. To save the program to memory, type **SAVE** (or press **(F3)** ) "name" **(ENTER)**.
5. To run the program, type **RUN** (or press **(F4)** ) **(ENTER)**.

From memory:

At the Model 100 Main Menu, place the cursor over the program name and press **(ENTER)**.

From BASIC:

Type **RUN** "name" **(ENTER)**.

## Loading and Running Command Programs

From tape:

1. At the Model 100 Main Menu, place the cursor over **BASIC** and press **(ENTER)**.

2. Place the program tape in the recorder, rewind the tape, and press PLAY.
3. To read the tape, type **CLOADM** "name" **(ENTER)**.
4. To save the program in memory, type **SAVEM** "name" **(ENTER)**.
5. To run the program, type **RUNM** **(ENTER)**.

From memory:

At the Model 100 Main Menu, place the cursor over the program name and press **(ENTER)**.

From BASIC:

Type **RUNM** "name" **(ENTER)**.

## Deleting Files

All files are deleted using the **KILL** command in BASIC.

1. At the Model 100 Main Menu, place the cursor over BASIC and press **(ENTER)**.
2. Type **KILL** "name.ext" **(ENTER)**.
3. Type **MENU** **(ENTER)** (or press **(F8)**) to return to the Model 100 Main Menu. The deleted file should no longer be on the Model 100 Main Menu.

## Getting a List of Files in BASIC

While in BASIC, you can see what files are stored in memory by typing FILES (ENTER) (or press (F1)).

## Common Problems and Errors

Loading tapes:

I/O Error — Check and adjust volume on recorder  
Try using the BASIC command  
SOUND OFF  
Bad copy of tape

No "FOUND" Message — Check and adjust  
volume on recorder  
Check for proper  
connections  
Listen to tape — check  
for blank tape  
Bad copy of tape

BASIC errors:

OM — Out of Memory  
Make sure PASTE buffer is empty (Select  
and CUT a space using TEXT)  
Save files to cassette and delete

NM — Bad File Name  
Improper filename (punctuation, began  
with number, or missing extension in  
KILL command)



FF — File Not Found

Filename specified in a command does not exist

SN — Syntax Error

Improper command form used in BASIC  
(See the Model 100 BASIC Reference Manual)

