

Radio Shack®

TRS-80™ Model II



Profile II

Profile II for the TRS-80 Model II provides you with the power and flexibility needed to create a computerized filing system to suit individual needs. It assumes no special computer background. The manual will lead you through the various features of Profile II step by step, beginning with the creation of a sample file. You will learn to select exactly what your records contain and how they will appear on the TRS-80 Video Screen. You will learn how to add, delete or modify individual records, the multiple ways that you can sort through your files to select specific records and, finally, how to format the resulting report. There are even options in Profile II that permit others to utilize the system with access only to the particular items in the file which they have a need for — all decided by you and changeable at any time.

Format

Furnished on a single 8-inch floppy diskette in an attractive brown binder with complete documentation.

Minimum Hardware Required

64K Single Disk TRS-80 Model II Computer

Limitations

99 Data Fields per Record
 36 Data Fields in Key Segment
 85 Characters in Segment One (Key Segment)
 255 Characters in each of Segments Two, Three and Four
 5 User Defined Screen Formats per File
 5 User Defined Formats per File for Printing Labels
 5 User Defined Reports per File
 Total Record Capacity: Varies according to number of segments
 per file and number of Disk Drives available.

Segment	1 Drive	2 Drives	3 Drives	4 Drives
1	3,000	9,000	14,600	20,000
2	800	1,800	*	*
3	400	900	1,800	*
4	300	600	900	1,800

*Note: Expansion to this size is not allowed

Reports Generated

Profile II is a multi-purpose, user defined Data Base Program. All reports generated by this system are fully defined by the user both in terms of content and format (up to 132 columns wide).

Cat. No. 26-4512 Suggested Retail Price (may vary at individual stores and dealers) \$179.00

Detailed Description

Profile II is incredibly versatile. When you make selections of which records in your file you need to see, you have the capability of selecting individual records by up to 36 different categories. If, for example, your file is that of personnel records, you might want a list sorted alphabetically by name, grouped according to the work area. The only items you want to appear on the report itself are the name, address, telephone number and social security number of the individual. The important thing to realize is that your report can contain ANY or ALL of the items present in each individual record, in any format you wish.

To enhance the usefulness of the system a feature is incorporated that allows you to specify access to all or only certain items in each file. For example, you can allow your Personnel Department full access to the records and all information while using the same records to provide your secretary the ability to see anything contained in the files except salaries.

Sorting criteria can be based on seven choices within each category: Equal To, Not Equal To, Greater Than, Less Than, Greater Than or Equal To, Less Than or Equal To, and Range (define a Range of values that you are interested in). You can also combine categories to produce a very specialized report by using the connectives AND, OR. You could create a report sorted alphabetically of employees that have a salary greater than \$24,000 OR who have a Master's Degree.

The combinations and variations with Profile II are endless. All you have to do is establish what items are to be included in the file and what items you will wish to select.

Although it is not absolutely necessary for the operation of Profile II, a printer such as the Line Printer II or Line Printer V will provide you the capability of printing the reports that you create. Otherwise, you will be restricted to viewing your reports on the TRS-80 Video Screen.

Sample File in PROFILE II

The following illustration represents the maximum capacity for a single Drive PROFILE II system.

	Segment 1 (Key Fields)	Segment 2	Segment 3	Segment 4
RECORD 1	:NAME (25)	:PHONE (7)	:	:
	:ADDRESS (25)	:CALL-ME (6)	:	:
	:CITY (25)	:CALL-HIM (6)	:	:
	:STATE (2)	:VISIT-ME (6)	:	:
	:ZIP (5)	:VISIT-HIM (6)	:	:
	:A/C (3)	:NOTES (224)	:	:
	:	:	:	:
RECORD 300	:NAME (25)	:PHONE (7)	:	:
	:ADDRESS (25)	:CALL-ME (6)	:	:
	:CITY (25)	:CALL-HIM (6)	:	:
	:STATE (2)	:VISIT-ME (6)	:	:
	:ZIP (5)	:VISIT-HIM (6)	:	:
	:A/C (3)	:NOTES (224)	:	:
	:	:	:	:

NOTES:

1. Our sample FILE has 300 RECORDS. Each RECORD consists of 4 segments each. No data are shown in SEGMENTS 3 or 4—they are present only for the purpose of this illustration. If you had no data to place in SEGMENTS 3 or 4 you would omit them to allow more total RECORDS for your FILE.
2. SEGMENT 1 is the "KEY" Segment. Only the items (called "FIELDS") in this segment are available to you as criteria for selecting or sorting your records. You may print or display any FIELD or FIELDS in any or all segments. You may have up to 35 FIELDS in SEGMENT 1 but there are only 85 character spaces available. We have used all 85 for 6 FIELDS in our sample (numbers in parenthesis show how many character spaces are allotted to each FIELD).
3. The total number of FIELDS in all 4 SEGMENTS combined must be 99 or less. Since we used 6 in SEGMENT 1 and 6 in SEGMENT 2 we may add up to 87 more FIELDS in SEGMENTS 3 and 4.
4. Segments 2, 3 and 4 allow up to 255 character spaces in each (all 255 are used in SEGMENT 2).
5. Maximum number of characters allowed per RECORD is 850 (85 + 225 + 255 + 255).