HEWLETT PACKARD

FILE/80

Problem-Solving Software For The HP-86/87

FILE/80

Turn your HP-86 or HP-87 into a paperless, electronic filing system. FILE/80 makes it easy. You can develop master forms and, as you fill them with data, create file records. FILE/80 lets you modify or delete records, add new ones, and search existing records for specific information (for example, all names in a zip code area). Then, using your file, you can produce reports, labels, or form letters the way you want them to look. FILE/80 can manage up to 65,000 separate records—up to 100 items of information per record—with the actual number dependent on your system's disc memory capacity.

Features	Benefits
• Special Function Keys	*Make file management easy*—You're in control with powerful single-key commands; the keys lead you through your application one step at a time.
	Save time—You don't have to type complicated command codes or relearn operations.
• Efficient and Extensive Output Capability	*Adds the professional touch*—Lets you create high-quality reports and printouts. You can even customize letters or labels.
	Gives you more productivity from less work—You can create report formats and store them for future use.
• On-screen Form Creation	*Makes record development easy*—You create the form that best organizes your information. Then, you see your data as you enter and store it.
	Makes updating quick and efficient—The form lets you make fast changes, deletions, and additions.
• Multiple Index Keys	*Save time*—By defining an indexed order for your records, you can retrieve one in seconds.
• File Modification	*Saves time*—Instead of creating a whole new file, you can restructure an existing data file to suit new needs.
• Multiple-Condition Search Capability	*Gives you fast, accurate data retrieval*—You can do very specific information searches.
• Sorted Output Capability	*Means no more hand sorting*—You print your output in the order you want.

Operation

FILE/80 lets you:

- CREATE and QUERY—you can produce a data file and update any of its records.
- FORMAT OUTPUT—you can define the way your reports, labels, and form letters look; once created, your formats can be stored for future use.
- GENERATE OUTPUT—using your formats, print out your results to a hard-copy printer or the display screen.

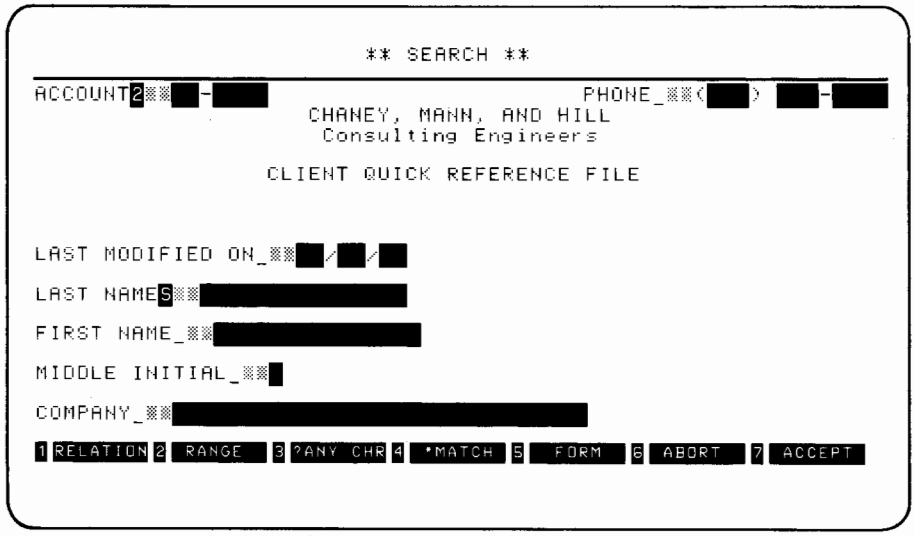
FILE/80 guides you through each activity with helpful sets of special function keys (softkeys) that make operations push-button easy, from setting tabs to sorting numbers. Often, one softkey leads to another set of keys. For example, to locate existing records, the softkey labelled QUERY must be pressed. Next, you'd see a new set of softkeys. Pressing SEARCH would give you a SEARCH screen like the one shown here with still another set of softkeys. To see records of companies whose names begin with T, move the cursor to the COMPANY line and press (T), (*MATCH), (ACCEPT). The first record that meets this condition would be retrieved.

Each form-oriented screen features:

Title/Feedback Window to identify the program segment and show prompts, position information, and help messages.

Information Window to display forms or output layout; forms up to 80 columns wide and 60 lines long and reports up to 132 columns wide can be scrolled into this 18-line window.

Special Function Key Window to show the labels of softkeys available for each screen.



Specifications

FILE AND RECORD PARAMETERS

File size ..... 65,000 records maximum
Password
length ..... 10 characters maximum
Master
form size ... 80 columns × 60 lines maximum
Fields per record ..... 100 maximum
Bytes per record ..... 1020 maximum
Field name length ..... 27 characters maximum
Text length
per record ..... 4800 characters maximum
Six field types:
Character ..... 1-50 characters (formatted)
Integer ..... 1-12 digits
Float ..... 8-9 digits
Currency ..... 3-12 digits
Autodate ..... 8 characters
Date ..... 8 characters

SEARCH FEATURES

Relational Search Conditions

(=)—Accesses records with field entries equal to those specified.
(<>)—Accesses records with no field entries equal to those specified.
(>)—Accesses records with field entries greater than those specified.
(>=)—Accesses records with field entries greater than or equal to those specified.
(<)—Accesses records with field entries less than those specified.
(<=)—Accesses records with field entries less than or equal to those specified.
(INCL)—Accesses records that contain a string you specify for a particular character field.

Other Search Conditions

(RANGE)—Accesses records falling within specified upper and lower bounds for a particular field.
(?ANY CHAR)—Accesses records with strings that you partially specify for a particular character, date, or autodate field.
(*MATCH)—Accesses records that have a string starting with a specified sequence of characters for a particular character field.

Additional Search Capability

(FORM 2)—Gives you a second master form for specifying an alternate set of search conditions. Records satisfying conditions on the original form or FORM 2, or both, are accessed.

SEARCH PARAMETERS

For any one search, a maximum of 10 search conditions can be specified.

SORT FEATURES

Fields can be designated as keys to facilitate ordering records for output. These indexing aids include:

PRIMARY KEY—Can consist of up to four fields whose combined length can be a maximum of 50 characters.

SECONDARY KEYS—Up to four secondary keys, each consisting of one field, can be specified.

Primary keys, secondary keys or any other field can be designated as a sort field. Sort fields can be sorted in ascending or descending order.

GENERATING REPORTS

Parameters

Width ..... 132 columns maximum
When sorting records, choose up to 5 fields to specify printing order.

Capabilities

(DUMP ALL)—Prints or displays a file's master form structure and each file record in its entirety.
(GRAND)—Provides grand totals for up to 15 numeric fields of a report.
(SUB)—Provides subtotals for up to 5 numeric fields of a report.
(MEAN)—Provides averages for up to 5 numeric fields of a report.
(MIN/MAX)—Provides minimum/maximum values for up to 5 numeric fields of a report.
(CONTROL)—Designates a control break field. If subtotals are specified, they will be printed. A break will occur on the report, and then the next record will be printed.
(PAGE)—Designates a page break field so that the next record is printed at the top of the next page.

GENERATING LETTERS

Parameters

Size ..... 80 columns × 60 lines maximum
Fields per letter ..... 100 maximum
Text length
per letter ..... 4800 characters maximum
When sorting records, choose up to 5 fields to specify printing order.

Capabilities

JUSTIFY—Eliminates blank spaces in a field printed on the letter by moving the field's contents to the left; and eliminates the printing of blank fields.

GENERATING LABELS

Parameters

Label height ..... 1.3 - 7.6 cm (0.5 - 3 in.)
Label width ..... 5 - 12.7 cm (2 - 5 in.)
Number of labels ..... 1 - 4 across page
Text, Fields, Date ..... any or all can be printed
Smallest-sized label
text length ..... 60 characters maximum (20 columns × 3 lines)
Largest-sized label
text length ..... 900 characters maximum (50 columns × 18 lines)
When sorting records, choose up to 5 fields to specify printing order.

Capabilities

(cm.)—Lets you define label dimensions in centimeters.
JUSTIFY—See JUSTIFY under GENERATING LETTERS.

System Requirements

- Computer: HP-86/87
- Memory: 96K Total RAM
- Peripherals:
  —Dual Disc Drive
  —Printer for hard-copy output

In The Box

Product includes:

- Program Discs
- Owner's Manual
- Pocket Reference Guide
- Demonstration Disc with a sample data file and sample outputs

Customer Support

Two services are available:

- Phone-In Consulting Service (PICS)
- System Information Service (SIS)

HP Part Numbers

3½″ Media: 00087-13320
5¼″ Media: 00087-13520

5953-7842

HEWLETT PACKARD

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