

B - GRAPH

M3435X
Series
1st. Edition

SORD

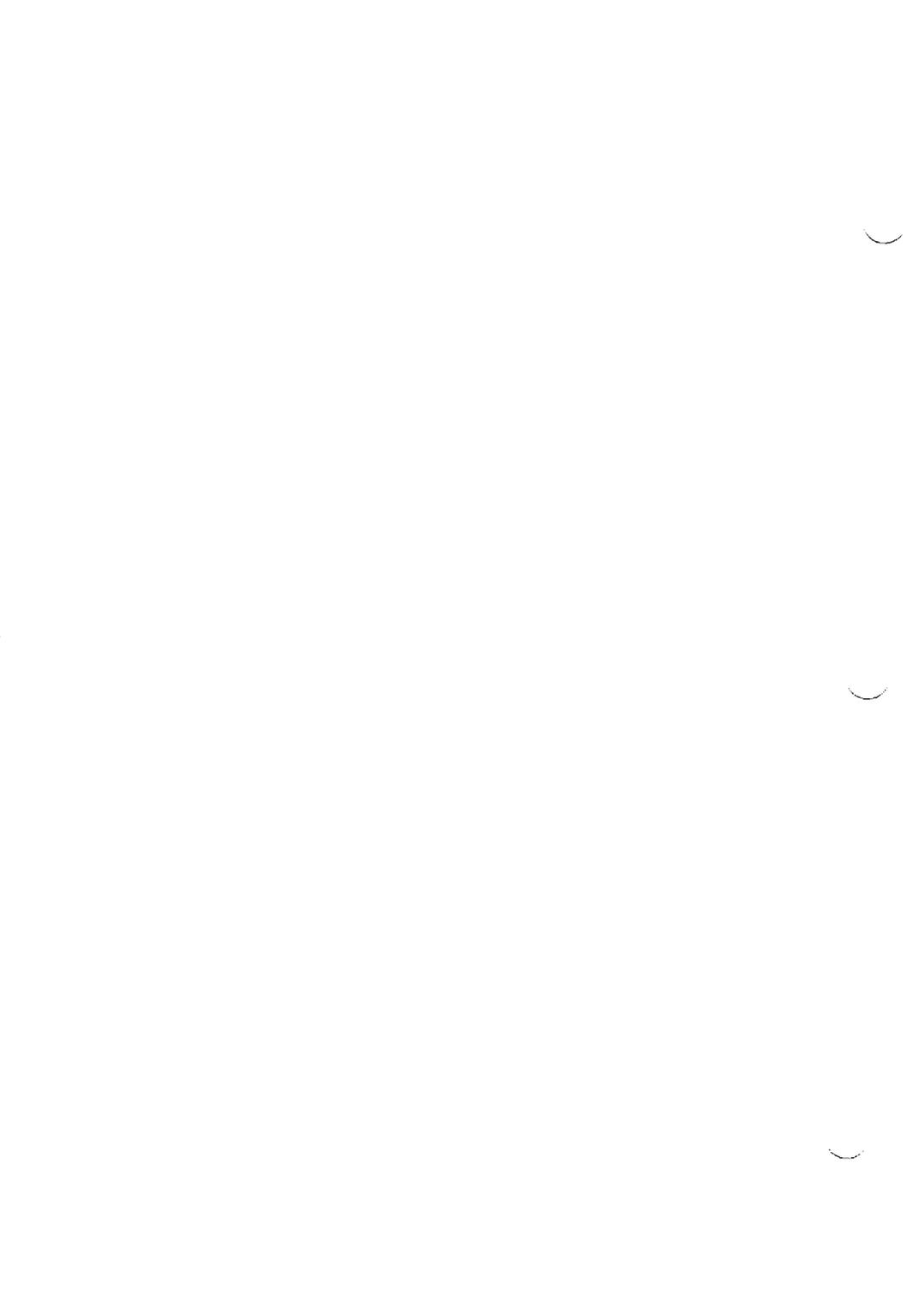
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M343 SX Series
BGRAPH

1st ED. 1984•6

SORD COMPUTER CORPORATION



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1.0 OVERVIEW

NOTES

PARAMETER TABLES

NO.													
1	31	5	40	9	62	13	67	17	68	21	71	25	72
2	38	6	41	10	63	14	67	18	68	22	71	26	74
3	39	7	57	11	63	15	67	19	69	23	72	27	75
4	40	8	59	12	64	16	68	20	70	24	72		

1.0 OVERVIEW

1.0 OVERVIEW

The B-GRAPH system makes a variety of graphs based on data on a PIPS formatted page on the PIPS data diskette. When the graph is made it is displayed on the CRT. You may then either print out the graph on a dot matrix printer or on an XY plotter.

The system offers a choice of 12 different graphic representations of the data on the PIPS page: 11 graphs and a printout of the page itself.

This manual assumes that the reader is fully familiar with PIPS III. If there are PIPS III related terms or operations with which you are not familiar, please refer to your PIPS III Users Guide.

The following are some terms with which you should be familiar before reading this manual.

B-GRAPH SYSTEM DISKETTE The diskette which contains the B-GRAPH program. It must be in drive #0 to operate the B-GRAPH system. Unlike the PIPS III system diskette, the B-GRAPH system diskette has no sub file. No data may be stored on the B-GRAPH system diskette.

PDATA DISKETTE This is the diskette on which you create PIPS tables with the PIPS III system. There must be a PDATA diskette in drive #1 to operate the B-GRAPH system. You may edit the pages on the PDATA diskette while using the B-GRAPH system, but you may not create new pages or add or delete lines or columns on existing pages. Such editing must be done in the PIPS III system.

MAIN MENU There are two menus in the B-GRAPH system from which to select and execute commands. This is the first you encounter. This menu is displayed when you start up the B-GRAPH system. Operations from this menu are explained later in this manual.

MAIN MENU	DOCUMENT LIST MENU	GRAPH TYPES
AU x — 21	B — 50 GR — 49	ACML — 108 BAR4 — 98 POINT — 113
BT — 22	BT — 50 HELP — 53	BAR1 — 81 BAR5 — 101 RADAR — 124
END — 27	E — 52 L — 52	BAR2 — 90 LINE — 105 STEP — 109
G — 23	ED — 45 P — 49	BAR3 — 95 PIE — 118 TABLE — 127
HELP — 27	G — 52 PS — 53	
M — 5		
SET — 27		

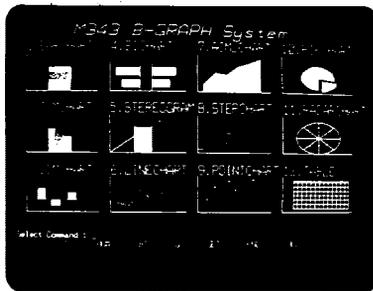
1.0 OVERVIEW

DOCUMENT LIST This is a table which contains all of the specifications which determine which data page is to be used for the graph, the kind of graph to be plotted, and other specifications which determine the size, color, positioning, etc. of the various graph elements.

PARAMETERS There are 27 parameters on the DOCUMENT LIST, each of which contains specifications about how the graph will be drawn. These 27 parameters are divided into three groups: BASE, STANDARD and EDIT PARAMETERS. The bulk of this manual is devoted to explaining how each parameter affects the final outcome of the graph.

DEFAULT A DEFAULT is a specification which is automatically generated by the system. For instance, there is a PARAMETER in the DOCUMENT LIST called "M.TITLE" (main title). The system automatically assigns the title of the page you specify as the main title. You may edit (change) the defaults if they are not satisfactory.

We will now show you briefly how a graph is made. Don't concern yourself with small details; try to get a general idea of how the system operates. All of the steps involved here are explained in detail later in this manual. The first display you see after you start up the B-GRAPH system is the MAIN MENU. It displays the twelve types of graphs from which you may choose. MAIN MENU commands appear across the bottom of the screen.



PARAMETER TABLES													
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.		
1	31	5	40	9	62	13	67	17	68	21	71	25	72
2	38	6	41	10	63	14	67	18	68	22	71	26	74
3	39	7	57	11	63	15	67	19	69	23	72	27	75
4	40	8	59	12	64	16	68	20	70	24	72		

1.0 OVERVIEW

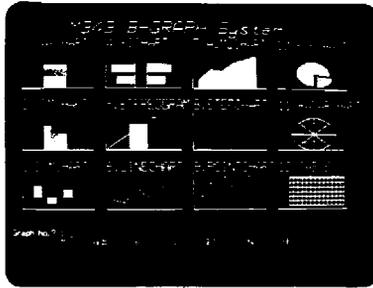
The type of graph to be drawn is selected from the MAIN MENU.

To do this, enter M and press the RETURN key.

Select command : M [RETURN]

The system then asks for the number of the type of graph you want:

M **RETURN**



Enter the number of the graph to be made and press RETURN. In this example, we have chosen Graph #5, the STEREO GRAPH.

M

Graph No. ? : 5 [RETURN]

The B-GRAPH INPUT SHEET (which will become the DOCUMENT LIST when all the PARAMETERS have been entered) is displayed along with the 27 PARAMETERS which determine the form the graph will take.

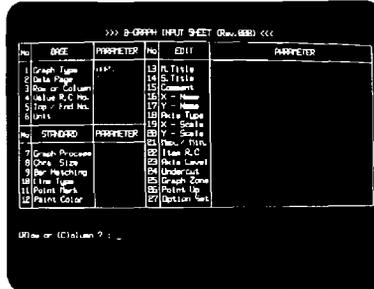
MAIN MENU	DOCUMENT LIST MENU		GRAPH TYPES		
AU # 21	B 50	GR 49	ACML 108	BAR4 98	POINT 113
BT 22	BT 50	HELP 53	BAR1 81	BAR5 101	RADAR 124
END 23	E 52	L 52	BAR2 90	LINE 105	STEP 109
G 27	ED 45	P 49	BAR3 95	PIE 118	TABLE 127
HELP 27	G 52	PS 53			
M 5					
SET 27					

1.0 OVERVIEW

BAR5

Data Page: 1 [RETURN]

1 RETURN



The contents of page 1 are shown below for your information only. The table will not appear on the screen at this point.

```

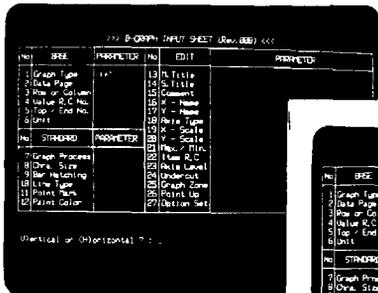
1 : <SALES BY PRODUCT>
2 :
3 : MONTH PRODUCT A PRODUCT B PRODUCT C . TOTALS
4 :
5 : JAN 48 89 15 152
6 : FEB 46 97 16 159
7 : MAR 44 105 13 162
8 : APR 47 126 17 190
9 : MAY 43 118 19 180
10: JUN 42 123 22 187
11: JUL 40 128 27 195
12: AUG 36 134 32 202
13: SEP 31 145 33 209
14: OCT 33 147 39 219
15: NOV 25 152 46 223
16: DEC 23 166 58 247
17: TTL 458 1530 337 2325
18:
19: comment :
20: *6.10.10.10.10./4
    
```

Specifications for BASE PARAMETERS are entered and on the next page.

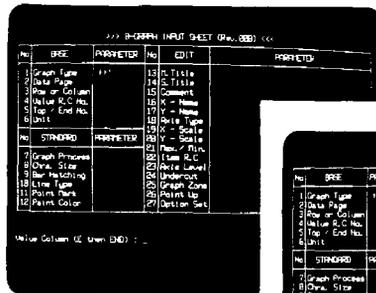
MAIN MENU		DOCUMENT LIST MENU		GRAPH TYPES	
AU *	21	B	50 GR	49	ACML 108 BAR4 98 POINT 113
BT	22	BT	50 HELP	53	BAR1 81 BAR5 101 RADAR 124
END	27	E	52 L	52	BAR2 90 LINE 105 STEP 109
G	23	ED	45 P	49	BAR3 95 PIE 118 TABLE 127
HELP	27	G	52 PS	53	
M	5				
SET	27				

1.0 OVERVIEW

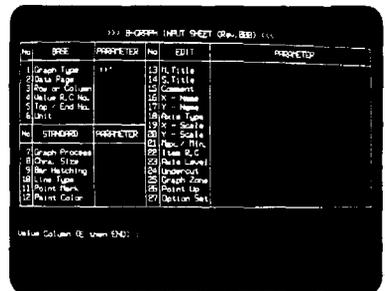
C RETURN



V RETURN



2 RETURN

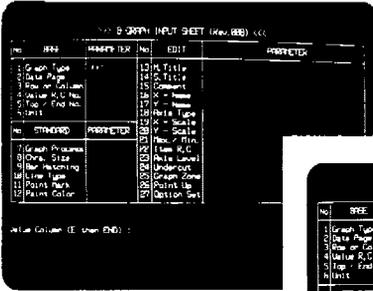


PARAMETER TABLES

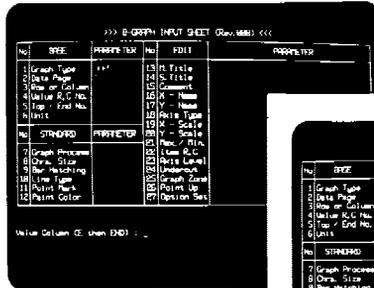
| NO. |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 31 | 5 | 40 | 9 | 62 | 13 | 67 |
| 2 | 38 | 6 | 41 | 10 | 63 | 14 | 67 |
| 3 | 39 | 7 | 57 | 11 | 63 | 15 | 67 |
| 4 | 40 | 8 | 59 | 12 | 64 | 16 | 68 |
| | | | | | | 17 | 68 |
| | | | | | | 18 | 68 |
| | | | | | | 19 | 69 |
| | | | | | | 20 | 70 |
| | | | | | | 21 | 71 |
| | | | | | | 22 | 71 |
| | | | | | | 23 | 72 |
| | | | | | | 24 | 72 |
| | | | | | | 25 | 72 |
| | | | | | | 26 | 74 |
| | | | | | | 27 | 75 |

1.0 OVERVIEW

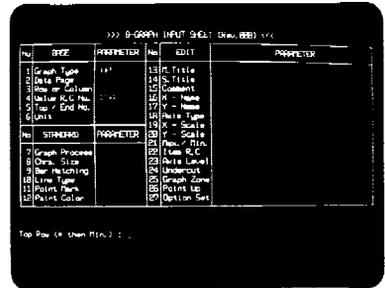
3 RETURN



4 RETURN



E RETURN

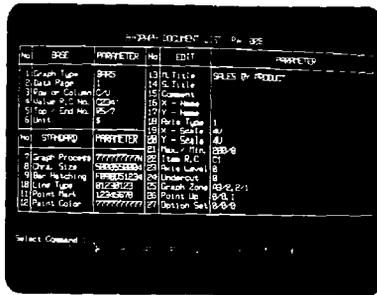


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HELP — 27	G — 52 PS — 53	
M — 5		
SET — 27		

1.0 OVERVIEW

After the last BASE PARAMETER (#6, Unit) has been entered, the system generates the STANDARD and EDIT PARAMETERS.

\$ RETURN



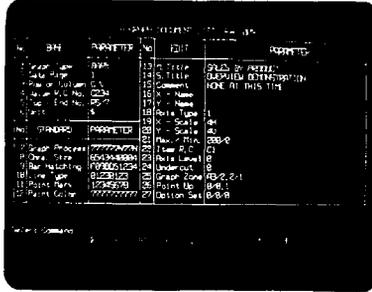
The STANDARD PARAMETERS govern the color specifications for sections of the graph, the size of the titles and other written information on the graph, the type of lines and point markers to be used, the pattern to be used when hatching bars, and paint color specifications. These PARAMETERS may be edited if the default PARAMETERS assigned by the system are not satisfactory.

The EDIT PARAMETERS govern how the graph will be presented, including the title, sub title, scales and so forth. You determine the default PARAMETERS for the STANDARD PARAMETERS. The B-GRAPH system determines the EDIT PARAMETERS based on your entries to the BASE PARAMETERS. Both these PARAMETERS and STANDARD PARAMETERS are always initially determined by the system, but may be edited if the default PARAMETERS assigned by you or the system are not satisfactory.

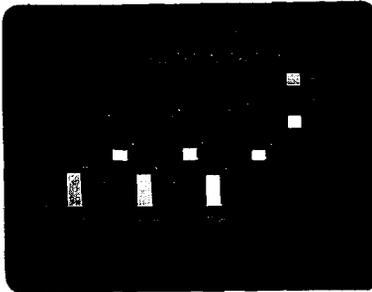
MAIN MENU	DOCUMENT LIST MENU	GRAPH TYPES
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M — 5		
SET — 27		

1.0 OVERVIEW

In our example, a few PARAMETERS were added and a few changes made in PARAMETERS.



When PARAMETERS on the DOCUMENT LIST are satisfactory, then you can have the graph drawn on the screen. After the graph is on the screen, the graph may be printed out as hard copy on the plotter or printer. You may also return to the DOCUMENT LIST to change some of the PARAMETERS or to return to the MAIN MENU.



PARAMETER TABLES													
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.				
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3	39	7	57	11	63	15	67	19	69	23	72	27	75
4	40	8	59	12	64	16	68	20	70	24	72		

1.0 OVERVIEW

This manual will cover the details of the commands available to the user, explanations of the various PARAMETERS which may be specified, hints on editing PIPS pages to graph the data more effectively, and many examples of each graph.

As with any tool, the more it is used, the more adept the user becomes at using it. Use B-GRAPH to expand the power and versatility of PIPS in your business applications.

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3	39	7	57	11	63	15	67	19	69	23	72	27	75
4	40	8	59	12	64	16	68	20	70	24	72		

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M343SX

B-GRAPH
DATA (データ)

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M343SX

B-GRAPH
PROGRAM (プログラム)

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