

PORTABLE PLUS

Featuring...

- Battery power
- 25-line display (480 x 200)
- Full-size keyboard
- HP-IL and RS-232C interfaces
- Battery-powered printer and disc drive

THERE'S MORE...

- Industry standard CMOS 8086
 - Full 16-bit processor
 - High performance

- 128Kb CMOS RAM

- 192Kb CMOS ROM

- 17 IBM function calls in BIOS

PORTABLE PLUS

New Market Opportunities

- International
- Medium to large businesses
- Vertical

PORTABLE PLUS

Most Likely Uses

- Portable extension of desktop PC
- Portable terminal/electronic mailbox
- Remote data gathering/processing

PORTABLE PLUS

Software Marketing Strategies

- Improved datacomm
- Sales force automation software
- Custom ROMs
- Bundled systems

BUILT-IN ROM SOFTWARE

- MStm-DOS 2.11
- P.A.M.
- TERM
- HP LINK
- SECURE
- PACK
- EDLIN (DOS line editor)
- DOS commands

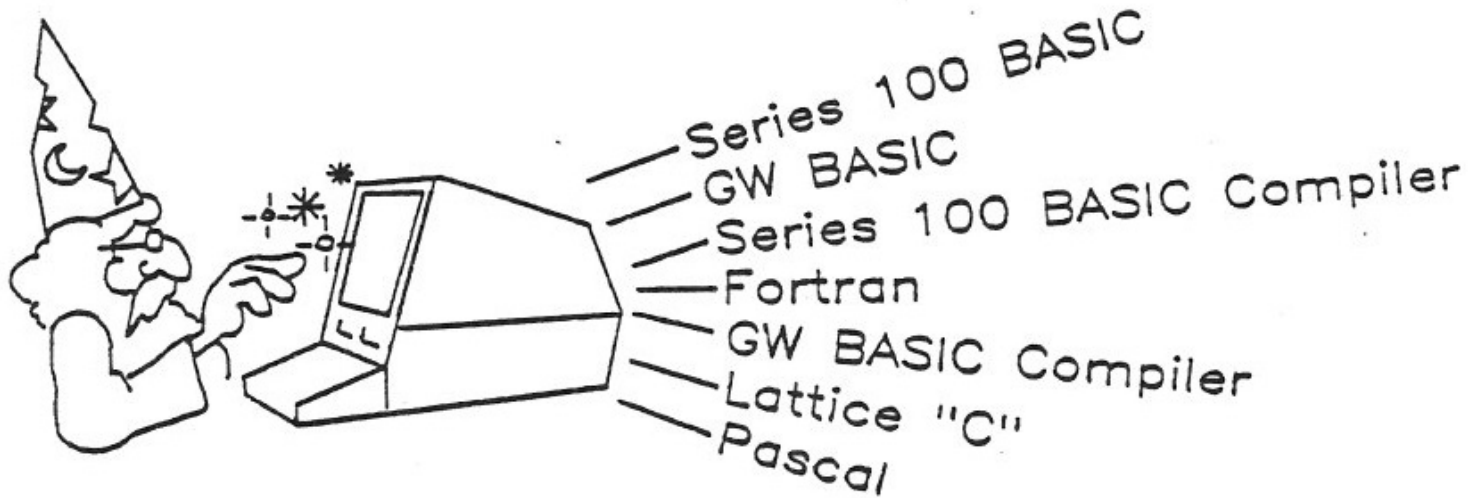
PLUG-IN ROM SOFTWARE

- MS-WORD
- PC 2622
- Lotus 1-2-3
- MEMOMAKER/Time Manager
- MBASIC

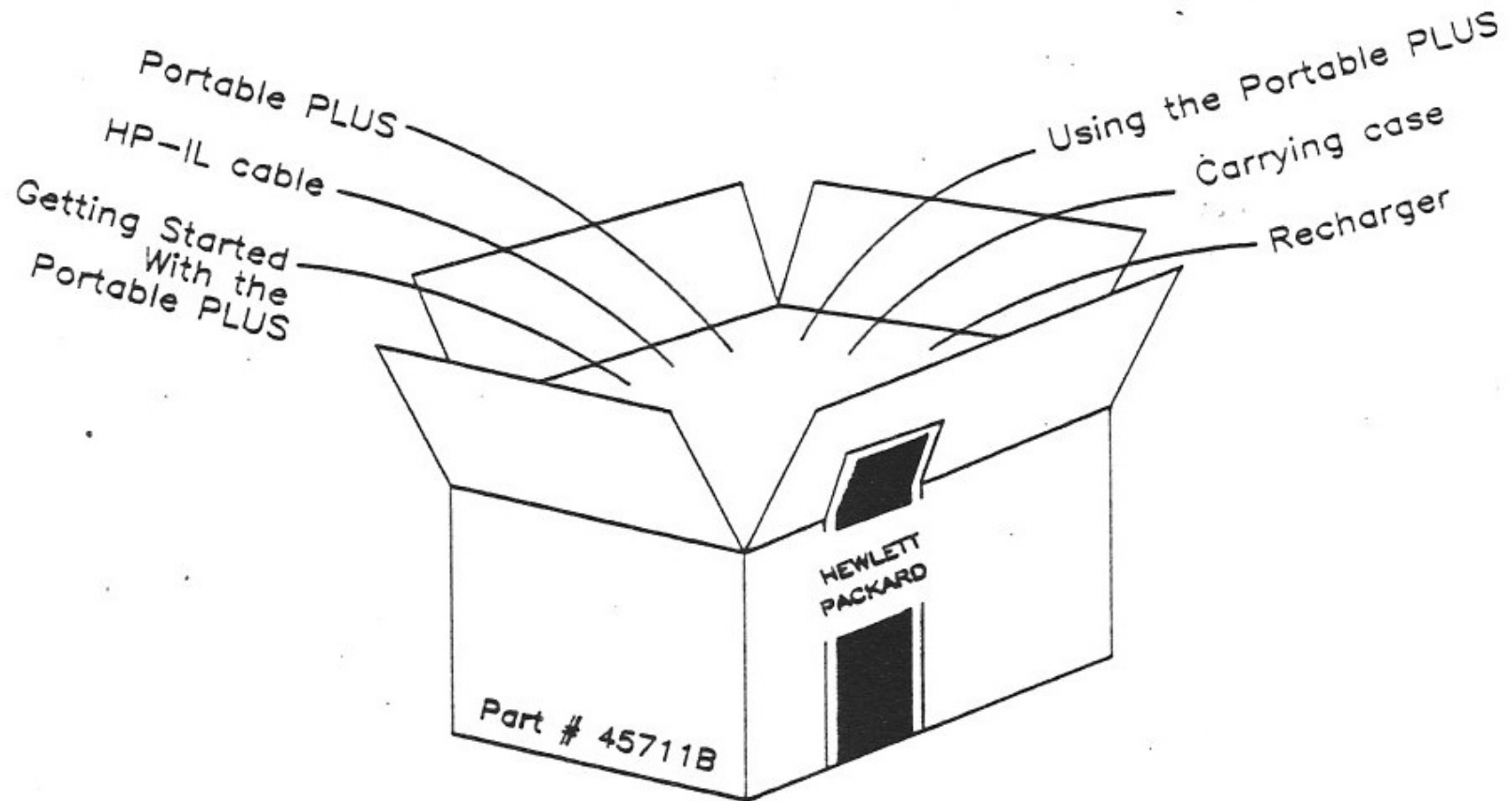
OPTIONAL HARDWARE

- 1200 BPS modem
- CMOS RAM module (expandable from 128Kb to 384Kb)
- CMOS ROM drawer (12 slots)
- Video monitor module

LANGUAGES WISH LIST



WHAT'S IN THE BOX

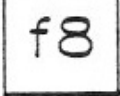



PORTABLE PLUS - ALWAYS ON!

- Press any key to go from sleep mode to awake mode.

- Doesn't respond? Either:
 - Connect the battery,
 - Attach the charger,
 - or, send it for repair.

TO TURN OFF THE DISPLAY

- Press the "Off" key  while in P.A.M.
- Hold down the contrast  key until power down.
- Leave the keyboard alone; Portable PLUS will time out.

EMERGENCY RESET

Press the hard reset button on the battery pack.

Last Resort Only! All RAM disc data will be lost!

BUILT-IN SELF-TEST

Checks:

- System RAM
- System ROM
- HP-IL
- RAM, ROM, and HP-IL

To Start the Self-test:

1. Turn off the Portable PLUS.
2. Hold down **CTRL** , **Shift** , **Extend** ;
press **f8** .

PORTABLE PLUS KEYBOARD

- Functional key groups:
 - Display control
 - Edit (remember Extend char)
 - Function
 - Terminal control

- Compatible with Touchscreen and The Portable

- Creates ROMAN8 character set
(Shown on page 2-5 of Using manual.)

INTEGRATED NUMERIC KEYPAD

f1	f2	f3	f4	Menu	User System	f5	f6	f7	f8	Select	<	^	v	>
				Clr line	Clr dsp	+Line	-Line	+Char	-Char	Num	<	Prev	Next	>
~	!	@	#	\$	%	^	&	*	()	/	-	=	Back Space
<	Q	W	E	R	T	Y	U ₄	I ₅	O ₆	P	[]	;	/
>	Tab													
Cap	CTRL	A	S	D	F	G	H	J ₁	K ₂	L ₃	:	;	"	Return
DEL ESC	Shift	Z	X	C	V	B	N	M ₀	<	>	?	/	+	Shift
	Print Enter	Extend char									Extend char	Break Stop		

"N" indicator is in status block on P.A.M. screen.

MSTM-DOS "REVIEW"

- Path names
Example: B:\bin\etc
- DOS commands
- Batch processing commands
(echo, goto, if, pause)
- I/O redirection (>, <)

MS-DOS COMMANDS

Internal: Part of the operating system.

External: Reside on ROM disc. Must be loaded each time they are used.

MS-DOS INTERNAL COMMANDS

- BREAK
- CHDIR
- CLS
- COPY
- CTTY
- DATE
- DEL
- DIR
- EXIT
- MKDIR
- PATH
- PAUSE
- PROMPT
- REM
- REN
- RMDIR
- SET
- TIME
- TYPE
- VERIFY
- VOL

MS-DOS EXTERNAL COMMANDS

- EDLIN
- CHKDSK
- FORMAT
- DEBUG
- MORE
- DISKCOPY
- SORT
- FC
- PRINT
- FIND

DOS ON THE PORTABLE PLUS

- Supports localization as described in DOS documentation (Int 38H).

- Has hidden directory of DOS utilities.
 - Hidden to end users.

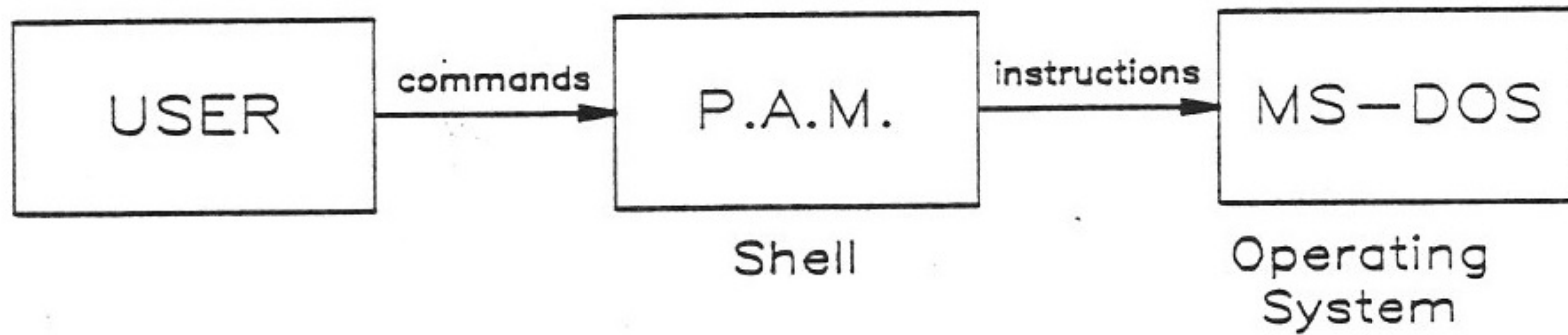
 - Aren't documented in Using manual.

P.A.M. PERSONAL APPLICATIONS MANAGER

Provides...

- Point-and-go application access
- System configuration by menu
- File management

P.A.M.--THE DEFAULT SHELL



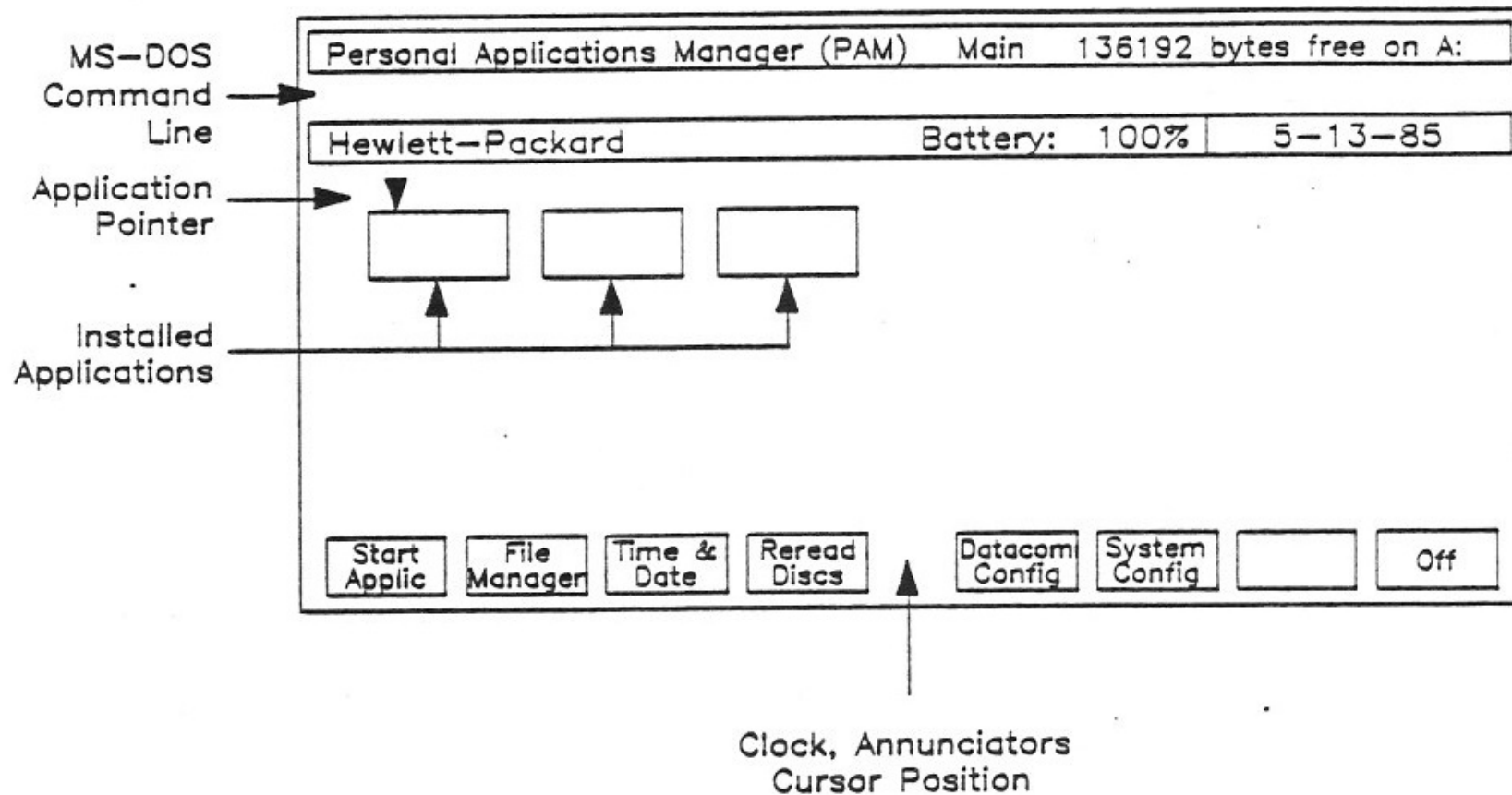
Shell is the program that processes user input in MS-DOS.

P.A.M.--ALTERNATIVES

- Run DOS from P.A.M.

- Redefine the shell
 1. Create a file called CONFIG.SYS
 2. CONFIG.SYS needs 1 line:
SHELL=B:\BIN\COMMAND.COM B:\BIN /P
 3. Reboot

P.A.M.



THE P.A.M. KEYBOARD

- Cursor keys and Tab key: Move the application pointer.
- Function keys: Access menus, start the File Manager, update the screen, and turn the display off.
- Other keys: Type commands on the DOS command line; use Back space to edit commands.

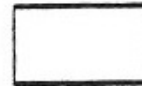
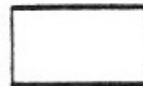
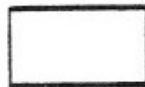
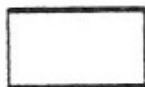
SETTING THE TIME AND DATE

- Looks different than the menu on the Portable—works the same.
- No help screen.
- Function of is "No Change", not "Default Values".

DATAKOM CONFIGURATION MENU

Datacom Configuration

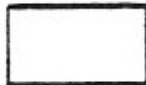
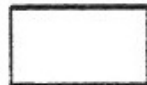
<u>Parameter</u>	<u>Serial</u>	<u>HP 82164</u>	<u>Modem</u>
Transmission Rate (BPS)	<input type="text" value="9600"/>	9600	1200
Word Length (bits)	7	7	7
Stop Bits	1	1	1
Parity	Even	Even	Even
XON/XOFF Pacing	On	On	On
CTS Line	Ignore	Ignore	---
DSR Line	Ignore	Ignore	---
DCD Line	Ignore	Ignore	---
Power to Interface	Off	---	Off



SYSTEM CONFIGURATION MENU

System Configuration

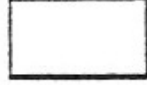
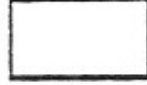
Parameter	Setting
Main Memory / Edisc	116K / 140K
External Disc Drives	1
Disc Write Verify	Off
Power Save Mode	On
Display Timeout (min)	5
Cursor Type	Box
Console Mode	HP
Tone Duration	Long
Plotter Interface	HP-IL
Printer Interface	HP-IL
Printer Mode	HP Graphics Only
Printer Pitch	Expanded-Compressed
Printer Line Spacing	No Configuration
Printer Skip Perforation	No Configuration
Datacom Interface	Serial



Next
Choice

Previous
Choice

Default
Values



Exit