

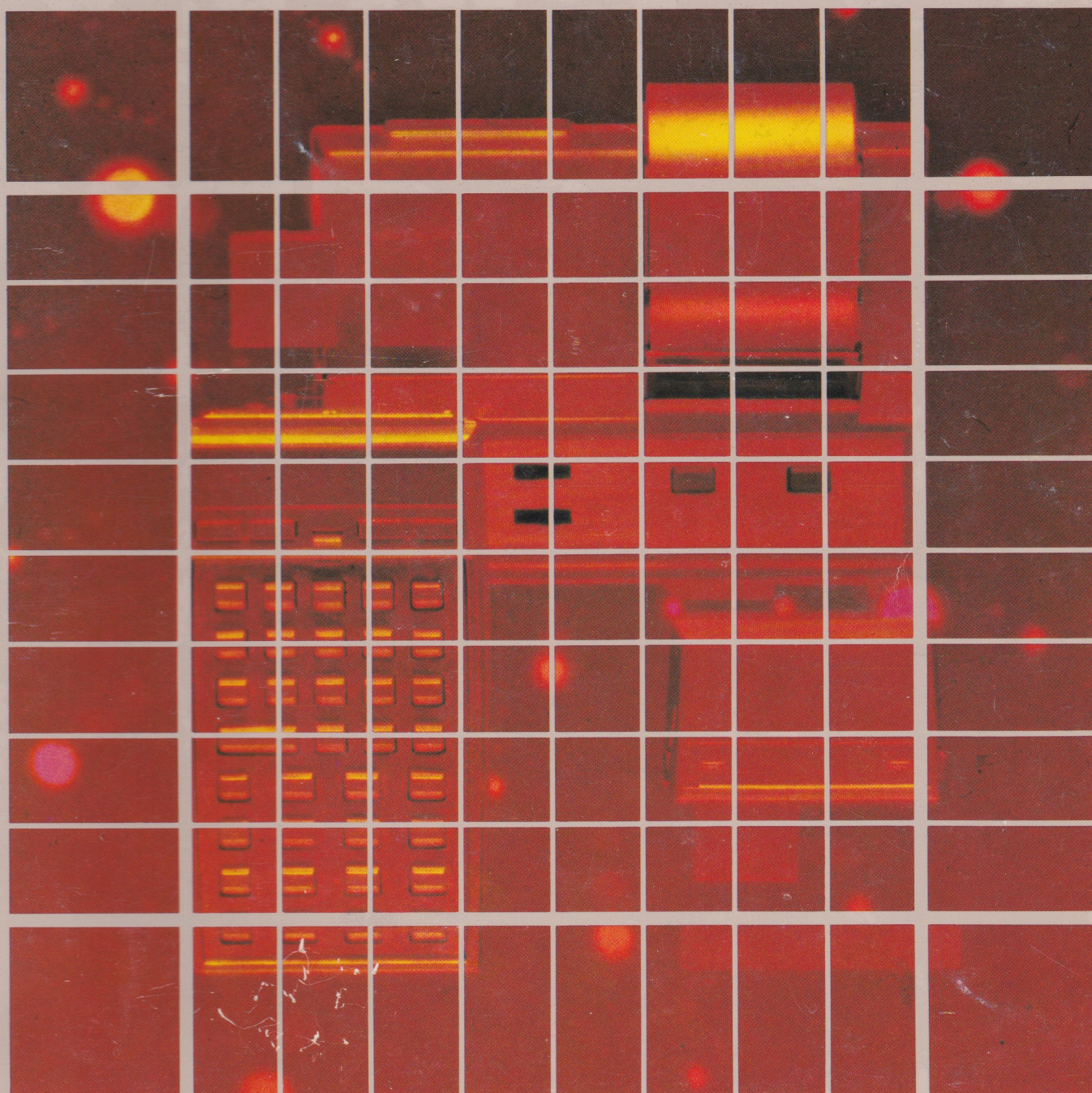
BRINKMAN

HEWLETT-PACKARD

HP 82180A

Extended Functions/Memory Module

OWNER'S MANUAL



HP 82180A Extended Functions/Memory Module
Owner's Manual



HEWLETT
PACKARD

Corvallis Division
1000 N.E. Circle Blvd., Corvallis, OR 97330, U.S.A.

HP 82180A

Extended Functions/Memory Module

Quick Reference Card

While the HP 82180A Extended Functions/Memory Module is plugged into the calculator, the following functions are available for your use. This module also provides you with 127 registers of extended memory and enables you to utilize one or two HP 82181A Extended Memory Modules to increase the size of extended memory.

Extended Functions

ALENG

Returns the length of the string in the ALPHA register to the X-register.

ANUM

Searches the ALPHA register for an ALPHA-formatted number and returns the numerical value to the X-register. (The X-register is unaffected if there is no number in the ALPHA register.)

AROT

Rotates the contents of the ALPHA register by the number of characters indicated by the number in the X-register. Rotates left for positive numbers, right for negative.

ATOX

Moves leftmost character out of the ALPHA register and places its character code in the X-register. (Refer to back page, Displayable Characters and Their Corresponding Codes.)

CLKEYS

Clears all key assignments.

GETKEY

Halts program execution until either a key is pressed or approximately 10 seconds elapse. Puts keycode in X-register if key is pressed; puts zero in X-register if no key is pressed within the time period.

Displayable Characters and Their Corresponding Codes

Char.	Code	Char.	Code	Char.	Code
-	0	3	51	N	78
π	1	4	52	O	79
π	4	5	53	P	80
π	5	6	54	Q	81
π	6	7	55	R	82
μ	12	8	56	S	83
μ	13	9	57	T	84
≠	29	:	58	U	85
space	32	;	59	V	86
!	33	<	60	W	87
"	34	=	61	X	88
#	35	>	62	Y	89
\$	36	?	63	Z	90
%	37	@	64	[	91
&	38	A	65	\	92
'	39	B	66	]	93
(	40	C	67	/	94
)	41	D	68	-	95
*	42	E	69	τ	96
+	43	F	70	a	97
,	44	G	71	b	98
-	45	H	72	c	99
.	46	I	73	d	100
/	47	J	74	e	101
0	48	K	75	Σ	126
1	49	L	76	†	127
2	50	M	77		



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