

Sample screen page from Amstrad memory pager.

PAGE No. 1 STARTS AT 256 ENDS AT 511 DECIMAL

MEM	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	ASCII
&0100	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0110	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0120	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0130	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0140	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0150	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0160	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
&0170	32	00	0A	00	C5	20	2D	2D	2D	2D	2D	2D	2D	20	41	4D	2...E ----- AM
&0180	53	54	52	41	44	20	4D	45	4D	4F	52	59	20	50	41	47	STRAD MEMORY PAG
&0190	45	52	20	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	ER -----
&01A0	2D	00	34	00	14	00	C5	20	2D	2D	2D	2D	2D	2D	2D	20	-.4...E -----
&01B0	42	79	20	50	2E	20	50	61	74	6F	6E	2C	20	20	41	75	By P. Paton, Au
&01C0	67	75	73	74	20	31	39	38	34	20	2D	2D	2D	2D	2D	2D	gust 1984 -----
&01D0	2D	2D	2D	2D	2D	00	28	00	1E	00	AD	20	10	01	8D	20	-----.(...- ..
&01E0	E4	0D	05	00	C3	28	0D	00	00	D4	29	EF	28	28	19	50	d...C(...T)o((.P
&01F0	F5	FF	0E	28	03	0B	00	D3	29	29	F7	10	29	00	3D	00	u.(...S))w.).=.
MEM	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	ASCII

SPACE BAR TO ADVANCE 1 PAGE, 'J' TO JUMP OR ANY OTHER KEY TO QUIT

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10 REM ----- AMSTRAD MEMORY PAGER -----
20 REM ----- By P. Paton, August 1984 -----
30 MODE 2:DEF FNC(T)=(80-LEN(S$))/2)
40 S$="AMSTRAD CPC464 MEMORY PAGER":PRINT:PRINT TAB(FNC(T))S$
50 L=LEN(S$):S$=STRING$(L,126):PRINT TAB(FNC(T))S$
60 S$="BY PETER PATON":PRINT:PRINT TAB(FNC(T))S$
70 S$="This program will allow you to examine the CPC464's memory contents"
80 PRINT:PRINT TAB(FNC(T))S$
90 S$="In the form of a hexadecimal dump. Each screen holds one memory page"
100 PRINT:PRINT TAB(FNC(T))S$
110 S$="Which is 256 bytes.":PRINT:PRINT TAB(FNC(T))S$
120 S$="On running the program you will be prompted for a START AT PAGE NO."
130 PRINT:PRINT TAB(FNC(T))S$
140 S$="This should be an integer in the range 0 - 255":PRINT:PRINT TAB(FNC(T))S$
150 S$="Press "+CHR$(24)+" SPACE BAR "+CHR$(24)+" to run the program "
160 PRINT:PRINT:PRINT:PRINT TAB(FNC(T))S$;
170 K$=INKEY$:IF K$<>" " THEN 170
180 KEY 128,"BORDER 1:INK 0,1:INK 1,24"+CHR$(13)
190 MODE 2:INK 0,20:INK 1,0:BORDER 20
200 LOCATE 20,25:PRINT"AMSTRAD CPC464 MEMORY PAGER"
210 WINDOW #1,1,80,5,20
220 REM ----- INPUT START PAGE NUMBER -----
230 LOCATE 2,2
240 LOCATE 5,2:PRINT CHR$(24):" START AT PAGE No. > ";CHR$(24):" ?";CHR$(8);
250 LINE INPUT S$:S=VAL(S$):PAGE=S
260 IF S<0 OR S>255 THEN LOCATE 5,2:PRINT CHR$(7):"OUT OF RANGE";CHR$(18); ELSE
GOTO 280
270 FOR I=1 TO 1000:NEXT:GOTO 240
280 REM ----- PRINT HEXDUMP -----
290 W$=CHR$(24)+" MEM 0 1 2 3 4 5 6 7 8 9 A B C D E F
ASCII "+CHR$(24):LOCATE 1,4:PRINT W$:LOCA
TE 1,21:PRINT W$
300 LOCATE 5,2:PRINT CHR$(18):LOCATE 5,2:PRINT"PAGE No. ";S;
310 PRINT"STARTS AT ";(S*256):" ENDS AT ";((S*256)+255):" DECIMAL"
320 LOCATE 1,5
330 S=S*256
340 LOCATE 1,5:FOR M=S TO 65535 STEP 16:I=I+1
350 REM ----- CONVERT TO HEX AND SET PRINT FORMAT ----
360 A$=HEX$(M)
370 IF LEN(A$)=1 THEN PRINT" &000";A$;" ";
380 IF LEN(A$)=2 THEN PRINT" &00";A$;" ";
390 IF LEN(A$)=3 THEN PRINT" &0";A$;" ";
400 IF LEN(A$)=4 THEN PRINT" &";A$;" ";
410 REM ----- SET TO PRINT 16 BYTES ON EACH ROW -----
420 FOR R=0 TO 15
430 REM ----- GET CONTENTS OF MEMORY -----
440 X$=HEX$(PEEK(M+R))
450 IF LEN(X$)=1 THEN PRINT"0";X$;" ";
460 IF LEN(X$)=2 THEN PRINT X$;" ";
470 NEXT R
480 REM ----- PRINT ASCII REPRESENTATION OF MEMORY CONTENTS -----
490 PRINT" ";:FOR C=0 TO 15
500 IF PEEK(M+C)>31 THEN PRINT CHR$(PEEK(M+C)); ELSE PRINT".";
510 NEXT C
520 PRINT
530 REM ----- IF 16 ROWS HAVE BEEN PRINTED THEN STOP -----
540 REM ----- AND WAIT FOR A KEY TO BE PRESSED -----
550 IF I/16=INT(I/16) THEN GOSUB 580
560 NEXT M
570 END
580 LOCATE 5,23:PRINT CHR$(24):" SPACE BAR ";CHR$(24):" TO ADVANCE 1 PAGE, OR "C
HR$(24):" J ";CHR$(24):" TO JUMP OR ANY OTHER KEY TO
QUIT";
590 K$=INKEY$:IF K$="" THEN 590
600 IF K$<>" " AND K$<>"J" THEN LOCATE 5,23:PRINT"RUN TERMINATED";CHR$(18) ELSE
GOTO 630
610 LOCATE 20,25:PRINT"Press '0' On Keypad To Restore Screen Colours";CHR$(11);
620 END
630 IF K$=" " THEN CLS #1:LOCATE 1,23:PRINT CHR$(18) ELSE GOTO 690
640 REM ----- PRINT NEXT PAGE HEADER -----
650 PAGE=PAGE+1
660 LOCATE 5,2:PRINT CHR$(18):LOCATE 5,2:PRINT"PAGE No. ";:PRINT PAGE;" ";
670 PRINT"STARTS AT ";:PRINT (PAGE*256):PRINT" ENDS AT ";:PRINT ((PAGE*256)+255
):PRINT" DECIMAL"
680 LOCATE 1,5:RETURN
690 LOCATE 5,23:PRINT CHR$(18):LOCATE 5,23:PRINT"Jump To Page > ";
700 LINE INPUT K$
710 IF VAL(K$)>=0 AND VAL(K$)<256 THEN 720 ELSE PRINT CHR$(7):GOTO 690
720 PAGE=VAL(K$):S=VAL(K$):CLS #1:GOTO 300

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