

10	REM *****	[E322]
20	REM ***	[F444]
30	REM *** Soundeditor	[BFA6]
40	REM ***	[2A48]
50	REM *** copyright 1985/86 by	[EB1A]
60	REM *** Markus Melchinger	[C52E]
70	REM *** Laubachweg 24	[3600]
80	REM *** 7958 Laupheim	[5074]
90	REM ***	[B952]
100	REM *****	[D342]
110	REM	[492C]
120	MEMORY 41999	[6D78]
130	DATA 3e,00,0e,00,cd,34,bd,c9	[EB3E]
140	FOR i=0 TO 7:READ a\$:POKE 42000+i,VAL("&" + a\$):NEXT	[B05A]
150	' Felddaten	[C708]
160	DATA 080630,080830,081030,180610,180810,181010	[A2D4]
170	DATA 320611,320811,321011,450611,450811,451011	[F7C4]
180	DATA 560611,560811,561011,171311,181310	[FB2A]
190	DATA 181610,451640	[A10A]
200	RESTORE 160:DIM feld\$(19),wert\$(19)	[A610]
210	FOR i=1 TO 19	[1BBC]
220	READ feld\$(i)	[0B12]
230	wert\$(i)=STRING\$(VAL(MID\$(feld\$(i),5,1)), "0")	[F1B0]
240	NEXT i	[2EFC]
250	FOR i=10 TO 15:wert\$(i)="1":NEXT i	[3938]
260	' Bilschirmaufbau	[8720]
270	MODE 2	[9360]
280	PRINT:PRINT"SOUNDEDITOR by Markus Melchinger	[BC58]
290	PRINT:PRINT"Kanal(2 SPACE)Periode(3 SPACE)Lautstaerke(3 SPACE)Huellkurve(3 SPACE)Ton 0=ein(2 SPACE)Rauschen 0=ein	[B650]
300	PRINT:PRINT"A":PRINT:PRINT"B":PRINT:PRINT"C"	[F16A]
310	PRINT:PRINT:PRINT"Rauschfrequenz"	[A3D2]
320	PRINT:PRINT:PRINT"Huellkurve";TAB(32);"Frequenz"	[DCA4]
330	P=1	[CAEB]
340	FOR feld=1 TO 19	[9F28]
350	GOSUB 1390:PRINT wert\$(feld);	[A572]
360	NEXT feld	[DD66]
370	PRINT:PRINT:PRINT"Huellkurvenformen":PRINT:PRINT	[F3FA]
380	FOR i=8 TO 15:PRINT TAB((i-8)*10+5);	

HEX\$(i);:NEXT i	[8D7A]
390 MOVE 0,40:FOR i=1 TO 3:DRAWR 20,-40:	
DRAWR 0,40:NEXT i	[0D2C]
400 MOVE 80,40:DRAWR 20,-40:DRAWR 40,0	[892C]
410 MOVE 160,40:DRAWR 20,-40:DRAWR 20,40	
:DRAWR 20,-40	[92E2]
420 MOVE 240,40:DRAWR 20,-40:DRAWR 0,40:	
DRAWR 40,0	[0AC0]
430 MOVE 320,40:FOR i=1 TO 3:DRAWR 0,-40	
:DRAWR 20,40:NEXT i	[2AEC]
440 MOVE 400,0:DRAWR 20,40:DRAWR 40,0	[BFCA]
450 MOVE 480,0:DRAWR 20,40:DRAWR 20,-40:	
DRAWR 20,40	[D332]
460 MOVE 560,0:DRAWR 20,40:DRAWR 0,-40:D	
RAWR 40,0	[BC6A]
470 FOR i=1 TO 19	[01CC]
480 MOVE (VAL(MID\$(feld\$(i),1,2))-1)*8-	
6,404-(VAL(MID\$(feld\$(i),3,2))-1)*16	[9090]
490 DRAWR VAL(MID\$(feld\$(i),5,1))*8+10,	
0:DRAWR 0,-24	[C794]
500 DRAWR VAL(MID\$(feld\$(i),5,1))*-8-10	
,0:DRAWR 0,24	[1988]
510 NEXT i	[7FFC]
520 ' Register zuruecksetzen	[C70A]
530 wert=0	[C6CE]
540 FOR reg=0 TO 13:GOSUB 1350:NEXT reg	[CB58]
550 wert=&X111111:reg=7:GOSUB 1350	[C1D8]
560 ' Register editieren	[9C40]
570 feld=1:P=1:wert=0:CALL &BB81: ' Curso	
r an	[F43A]
580 GOSUB 1390	[6F54]
590 a\$=INKEY\$:CALL &BB84:CALL &BB81:IF a	
\$="" THEN 590	[F96A]
600 a\$=UPPER\$(a\$)	[B7FC]
610 IF a\$=CHR\$(13) THEN 810	[3ACC]
620 IF a\$(<>CHR\$(&F2) AND a\$(<>CHR\$(&7F) T	
HEN 650	[44CE]
630 p=p-1:IF p=0 THEN feld=feld-1:p=1:IF	
feld<1 THEN feld=19	[51E8]
640 GOTO 580	[E960]
650 IF a\$(<>CHR\$(&F3) AND a\$(<>" " THEN 68	
0	[9FBA]
660 p=p+1:IF p>VAL(MID\$(feld\$(feld),5,1)	
) THEN p=1:feld=feld+1:IF feld>19 TH	
EN feld=1	[DFA4]
670 GOTO 580	[9366]
680 IF a\$(<>CHR\$(&F0) THEN 710	[5AC2]

**Listing. Menügesteuerte Beeinflussung des  
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690	feld=feld-1:p=1:IF feld<1 THEN feld=19	[6A94]
700	GOTO 580	[025A]
710	IF a\$<>CHR\$(&F1) THEN 740	[1CBE]
720	feld=feld+1:p=1:IF feld>19 THEN feld=1	[D788]
730	GOTO 580	[D860]
740	art=VAL(MID\$(feld\$(feld),6,1))	[8658]
750	IF art=1 AND a\$<>"0" AND a\$<>"1" THEN 590	[5674]
760	IF art=0 AND (a\$<"0" OR a\$>"F" OR (a\$>"9" AND a\$<"A")) THEN 590	[D47E]
770	MID\$(wert\$(feld),p,1)=a\$:PRINT a\$;	[9282]
780	ON feld GOSUB 970,970,970,1050,1050,1050,1050,1050,1100,1100,1100,1100,1100,1100,1170,1170,1220,1270	[6540]
790	p=p+1:IF p>VAL(MID\$(feld\$(feld),5,1)) THEN p=1:feld=feld+1:IF feld>19 THEN feld=1	[DEAC]
800	GOTO 580	[EF5C]
810	' Registerinhalte ausdrucken	[5FFE]
820	druck=-1:DIM werte(13)	[7EFC]
830	CLS:PRINT:PRINT"Registerinhalte:":PRINT	[1D34]
840	FOR feld=1 TO 3:GOSUB 970:NEXT feld	[1420]
850	FOR feld=4 TO 6:GOSUB 1050:NEXT feld	[2F7A]
860	GOSUB 1100:GOSUB 1170:GOSUB 1220:GOSUB 1270	[290C]
870	INPUT "Drucker ? (j/n)";a\$	[A434]
880	a\$=UPPER\$(a\$)	[E010]
890	IF a\$="J" THEN aus=8 ELSE aus=0	[9918]
900	PRINT:PRINT	[081A]
910	FOR i=0 TO 13	[2BBC]
920	PRINT#aus,USING "##";i;;PRINT TAB(10);:PRINT#aus,USING "###";werte(i)	[2B10]
930	NEXT i	[3C08]
940	PRINT:PRINT:PRINT"Taste druecken"	[171C]
950	WHILE INKEY\$="":WEND	[EDC8]
960	RUN	[5668]
970	' Periodenregister	[F844]
980	reg=(feld-1)*2	[4FC4]
990	wert=VAL("&"+RIGHT\$(wert\$(feld),2))	[595A]
1000	GOSUB 1350	[5294]
1010	reg=reg+1	[05EE]
1020	wert=VAL("&"+LEFT\$(wert\$(feld),1))	[C4F4]

1030	GOSUB 1350	[F89A]
1040	RETURN	[A98A]
1050	' Lautstaerkeregister	[622E]
1060	reg=((feld-4) MOD 3)+8	[7D6C]
1070	wert=VAL(wert\$(((feld-4) MOD 3)+7)) *16+VAL("&" + wert\$(((feld-4) MOD 3)+ 4))	[0C62]
1080	GOSUB 1350	[22A4]
1090	RETURN	[B794]
1100	' Multifunktionsregister	[4BF4]
1110	reg=7:wert=0	[79FC]
1120	FOR i=0 TO 5	[2CB2]
1130	wert=wert+2^i*VAL(wert\$(10+i))	[61E8]
1140	NEXT i	[925C]
1150	GOSUB 1350	[59A0]
1160	RETURN	[C690]
1170	' Rauschfrequenz	[250C]
1180	reg=6	[A636]
1190	wert=VAL("&" + wert\$(16) + wert\$(17))	[B936]
1200	GOSUB 1350	[5C98]
1210	RETURN	[AD88]
1220	' Huellkurve	[68A6]
1230	reg=13	[138A]
1240	wert=VAL("&" + wert\$(18))	[E49E]
1250	GOSUB 1350	[FAA2]
1260	RETURN	[9B92]
1270	' Frequenz der Huellkurve	[8E46]
1280	reg=11	[2190]
1290	wert=VAL("&" + RIGHT\$(wert\$(19),2))	[CA4C]
1300	GOSUB 1350	[519A]
1310	reg=reg+1	[CDF4]
1320	wert=VAL("&" + LEFT\$(wert\$(19),2))	[D29A]
1330	GOSUB 1350	[43A0]
1340	RETURN	[C890]
1350	' Register beeinflussen	[9D30]
1360	IF druck THEN werte(reg)=wert:RETUR N	[9AE0]
1370	POKE 42001,reg:POKE 42003,wert:CALL 42000	[0DEE]
1380	RETURN	[BB98]
1390	' Cursor positionieren	[17B4]
1400	LOCATE VAL(MID\$(feld\$(feld),1,2))+P -1,VAL(MID\$(feld\$(feld),3,2))	[592C]
1410	RETURN	[CB8C]

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