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100 REM ** COPY ALL DISCS **           [1714]
110 REM * by Stefan Riege *           [575]
120 REM BASIC CTRL PROGRAMM          [1027]
130 :                                  [174]
140 REM init + prg loop                [1867]
150 :                                  [174]
160 MODE 2:PEN 1:PAPER 0:INK 0,0:BORDER 0: [5883]
INK 1,26:CLEAR:DEFINT a-z:|DISC
170 mc=&A400:tdat! =&3700:DIM form(6,9):tr= [6228]
0:erfl=&A4F7:offset=erfl+1
180 CALL &BB00:GOSUB 920:IOBuffer=&BE80 [2700]

```

Listing "Copy all Disk"

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190 tr.1=0:tr.2=39:copy.art=1:lw=1:laufw1= [4071]
&A48D:laufw2=&A4C0
200 PRINT TAB(10)CHR$(24)" COPY ALL DISCS [5327]
"CHR$(24)" written by Stefan Riege";
210 PRINT" (C) 1986,87 - v2.05":PRINT STRI [4012]
NG$(80,"_"):WINDOW 9,80,4,25
220 PRINT "Weil das Format der Quelldisket [6421]
te immer wieder neu erkannt und"
230 PRINT "kopiert werden muss, ist die Ue [6054]
bertragung relativ langsam !!!!!"
240 WINDOW 1,80,6,25:PRINT STRING$(80,"_") [3429]
:WINDOW 1,80,10,25
250 menu=1 [421]
260 WHILE menu [1068]
270 CLS:PRINT"HAUPTMENUE":PRINT [1429]

```

Listing "Copy all Disk"

```

280 PRINT"S - Start-Track :":tr.1 [2311]
290 PRINT"E - End-Track :":tr.2:PR [2698]
INT
300 PRINT"A - Anzahl Drives :":lw:PRIN [2207]
↑
310 PRINT"C - Copy-Format :": [2281]
320 IF copy.art=1 THEN PRINT"Normal-Copy" [3416]
ELSE PRINT"CAD-Copy"
330 PRINT:PRINT"ENTER - Start Copy" [1841]
340 PRINT"P - Programmende" [1919]
350 a$="":WHILE a$="" :a$=UPPER$(INKEY$):W [2173]
END
360 IF a$="P" THEN MODE 2:END [2045]
370 IF a$=CHR$(13) THEN menu=0 [1059]
380 IF a$="S" THEN LOCATE 25,3:INPUT " [2971]
,tr.1
390 IF a$="E" THEN LOCATE 25,4:INPUT " [2154]
,tr.2
400 IF a$="A" THEN LOCATE 25,6:INPUT " [3006]
,lw
410 IF a$="C" THEN copy.art=3-copy.art [1888]
420 WEND [390]
430 [174]
440 REM eigentliches Kopierprogramm [872]
450 [174]
460 CLS:IF lw=1 THEN 490 [1544]
470 PRINT"Please insert Source Disk into D [4813]
rive A,"
480 PRINT"Destination Disk into Drive B _ [3939]
CHR$(143):CALL &BB18
490 FOR l1=tr.1 TO tr.2 STEP 6 [1219]
500 tr=l1:etr=l1+5:IF etr>tr.2 THEN etr=t [1942]
r.2
510 GOSUB 1000:CLS:a$="source":b$="read": [4400]
GOSUB 780:GOSUB 580:GOSUB 720
520 PRINT:a$="destination":b$="writ":GOSU [4335]
B 780:GOSUB 870:GOSUB 960
530 NEXT l1 [435]
540 GOTO 250 [419]
550 [174]
560 [174]
570 REM get format [995]
580 IF copy.art=1 THEN IF tr<>tr.1 THEN RE [2057]
TURN
590 FOR i=1 TO 6:track=tr+i-1:IF track<=et [1360]
r THEN GOSUB 610
600 GOSUB 1000:NEXT i:RETURN [2062]
610 l2=0 [404]
620 |GETFORM,track:IF PEEK(erf1)<>0 THEN l [3482]
2=l2+1:IF l2<>5 THEN 620 ELSE n=0:GOTO 680
630 m=256:buff=offset:xbuff=buff [1727]
640 p=PEEK(buff):IF p=m THEN 670 [1805]
650 IF p<m THEN m=p:xbuff=buff [1213]

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660 buff=buff+1:GOTO 640 [1304]
670 n=buff-xbuff:IF n>9 OR (n<8 AND n<>0) [2088]
THEN n=9
680 IF n=0 THEN FOR w=1 TO 9:form(i,w)=-1: [2460]
NEXT:RETURN
690 IF n<>0 THEN FOR s=0 TO n-1:form(i,s+1 [4507]
)=PEEK(s+xbuff):NEXT:RETURN
700 [174]
710 REM read tracks [1232]
720 dat!:=tdat!:FOR i=1 TO 6:track=tr+i-1 [1922]
730 IF track<=etr AND form(i,1)<>-1 THEN G [2567]
OSUB 750
740 NEXT i:RETURN [719]
750 FOR k=1 TO 9:|READ,track,form(i,k),dat [5208]
!:=dat!:=dat!+512:GOSUB 1000:NEXT:RETURN
760 [174]
770 REM insert disk.. [1222]
780 IF lw=2 THEN GOTO 810 [1541]
790 PRINT"Please insert "a$" disc into dri [6362]
ve A then press any key:CHR$(143);
800 CALL &BB18:PRINT CHR$(8)" ":GOTO 830 [1854]
810 IF a$="source" THEN laufw=0 ELSE laufw [3280]
=1
820 POKE laufw1,laufw:POKE laufw2,laufw [2309]
830 PRINT:PRINT b$"ing track"tr"-etr [1745]
840 RETURN [555]
850 [174]
860 REM format tracks [1047]
870 FOR i=1 TO 6:track=tr+i-1:IF track<=et [2448]
r AND form(i,1)<>-1 THEN GOSUB 890
880 NEXT i:RETURN [719]
890 FOR f=1 TO 9:POKE IOBuffer+f-1,form(i, [5255]
f):NEXT:|FORMAT,track:GOSUB 1010:RETURN
900 [174]
910 REM load mc [782]
920 IF PEEK(mc)=&21 THEN RETURN ELSE SYMB [4951]
L AFTER 256:MEMORY mc-1
930 LOAD"copyall.bin",mc:CALL mc:RETURN [2303]
940 [174]
950 REM write tracks [752]
960 dat!:=tdat!:FOR i=1 TO 6:track=tr+i-1 [1922]
970 IF track<=etr AND form(i,1)<>-1 THEN G [2519]
OSUB 990
980 NEXT i:RETURN [719]
990 FOR k=1 TO 9:|WRITE,track,form(i,k),da [4825]
t!:=dat!:=dat!+512:GOSUB 1000:NEXT:RETURN
1000 REM auf Abbruch pruefen [1531]
1010 IF INKEY$<>CHR$(3) THEN RETURN [2451]
1020 PRINT:PRINT"*** ^C abgebrochen !!! ** [2431]
*"
1030 PRINT:PRINT"Druecke ENTER":WHILE INKE [4886]
Y$<CHR$(13):WEND
1040 GOTO 250 [419]

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100 REM BASIC LOADER fuer COPYALL.BIN [3043]
110 REM -- 1986 by Stefan Riege -- [2274]
120 REM [272]
130 [174]
140 MODE 1:RESTORE:DEFINT a-z:mc=&A400 [2185]
150 SYMBOL AFTER 256:MEMORY mc-1 [1610]
160 zeile=1000 [659]
170 [174]
180 FOR a=1 TO 26 [926]
190 pr=0 [117]
200 FOR b=1 TO 10 [1234]
210 READ by$ [744]
220 POKE mc,VAL("&"+by$) [571]
230 pr=pr+PEEK(mc) [693]
240 mc=mc+1 [686]
250 NEXT b [378]
260 READ pruef [378]
270 IF pr<>pruef THEN 500 [920]
280 zeile=zeile+10 [568]
290 NEXT a [383]
300 [174]
310 PRINT"Allles OK - Bitte Diskette einlegen," [3273]
320 PRINT"um MC zu speichern !" [2752]
330 CALL &BB18 [389]
340 SAVE"copyall.bin",b,&A400,mc-&A400 [1219]
350 END [110]
360 [174]
500 PRINT"Data-Fehler in Zeile"zeile:STOP [3383]

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510 : [174]
1000 DATA 21,09,A4,01,0D,A4,C3,D1,BC,00,976 [2249]
1010 DATA 00,00,00,1B,A4,C3,32,A4,C3,73,910 [1618]
1020 DATA A4,C3,87,A4,C3,9B,A4,47,45,54,1396 [1126]
1030 DATA 46,4F,52,CD,52,45,41,C4,57,52,1017 [1955]
1040 DATA 49,54,C5,46,4F,52,4D,41,D4,00,939 [1538]
1050 DATA FE,01,C0,11,FF,01,CD,5E,A4,1E,1213 [2617]
1060 DATA 00,DD,56,00,DF,67,A4,21,F8,A4,1242 [1537]
1070 DATA E5,DF,6A,A4,E1,30,0B,3A,51,BE,1335 [1883]
1080 DATA 77,23,7D,FE,1F,20,EF,AF,32,F7,1307 [1688]
1090 DATA A4,11,00,0A,7B,DF,6D,A4,7A,DF,1155 [2385]
1100 DATA 70,A4,C9,63,C7,07,6C,C5,07,72,1208 [1849]
1110 DATA CA,07,03,C6,07,FE,03,C0,D5,E1,1304 [1739]
1120 DATA 1E,00,DD,56,04,DD,4E,02,DF,84,997 [2080]
1130 DATA A4,C9,66,C6,07,FE,03,C0,D5,E1,1559 [1783]
1140 DATA 1E,00,DD,56,04,DD,4E,02,DF,98,1017 [2277]
1150 DATA A4,C9,4E,C6,07,FE,01,C0,DD,56,1402 [2185]
1160 DATA 00,21,D3,A4,06,09,7A,77,23,23,734 [1448]
1170 DATA 23,23,10,F9,21,D5,A4,11,80,BE,1080 [1788]
1180 DATA 06,09,1A,77,13,23,23,23,23,10,335 [2443]
1190 DATA F7,1E,00,3A,D3,A4,57,3A,D5,A4,1232 [2269]
1200 DATA 4F,21,D3,A4,DF,DO,A4,C9,52,C6,1563 [2355]
1210 DATA 07,00,00,00,02,00,00,00,02,00,11 [1226]
1220 DATA 00,00,02,00,00,00,02,00,00,00,4 [1551]
1230 DATA 02,00,00,00,02,00,00,00,02,00,6 [1311]
1240 DATA 00,00,02,00,00,00,02,00,00,00,4 [1551]
1250 DATA 00,00,00,00,00,00,00,00,00,00,0 [976]

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