

```

100 ***** [F97C]
101 * COMPRESS.DAT - DATA-Lader von 'CPC' [1066]
102 ***** [7880]
103 * [DEB6]
104 DATA A000,C3,06,A0,C3,D7,A0,11,C8,7CE2 [5C92]
105 DATA A008,50,21,00,C0,87,28,07,CD,299B [8C4E]
106 DATA A010,1D,A0,D8,CD,49,A0,CD,4C,304E [9EE0]
107 DATA A018,A0,CD,8F,BC,C9,FE,01,20,7CF2 [4F1E]
108 DATA A020,12,DD,7E,00,CD,B4,BB,4F,3401 [2CB8]
109 DATA A028,CD,69,BB,79,E5,CD,B4,BB,69FF [6676]
110 DATA A030,E1,87,C9,FE,04,37,C0,DD,4A21 [88C6]
111 DATA A038,66,06,DD,6E,02,DD,56,04,2C0C [4D96]
112 DATA A040,DD,5E,00,25,2D,15,1D,87,7AE1 [DDA0]
113 DATA A048,C9,CF,95,BB,CD,51,A1,7D,4B43 [92F8]
114 DATA A050,CD,B5,A1,7C,CD,B5,A1,7A,5DA4 [6F24]
115 DATA A058,CD,B5,A1,7B,CD,B5,A1,3E,5D90 [391C]
116 DATA A060,FF,32,D1,A1,06,00,7E,CD,6331 [F586]
117 DATA A068,65,A1,38,1F,8E,20,19,CD,19BF [2DD2]
118 DATA A070,65,A1,38,14,8E,20,0E,CD,1921 [696E]
119 DATA A078,91,A1,CD,91,A1,CD,A3,A0,77AA [05F8]
120 DATA A080,CD,BA,A0,18,14,CD,91,A1,5F97 [C6D2]
121 DATA A088,CD,91,A1,04,CD,65,A1,38,5026 [CA7C]
122 DATA A090,05,78,FE,7F,38,D0,CD,A3,0709 [4586]
123 DATA A098,A0,3A,D1,A1,87,20,C5,CD,4ACF [1F04]
124 DATA A0A0,B5,A1,C9,78,B7,C8,48,CD,6AA5 [CA0E]
125 DATA A0A8,91,A1,10,FB,41,CD,B5,A1,6D87 [27D6]
126 DATA A0B0,7E,CD,B5,A1,CD,65,A1,10,165E [FDE8]
127 DATA A0B8,F7,C9,06,00,4E,04,CD,65,4A9F [78DA]
128 DATA A0C0,A1,38,09,7E,B9,20,05,78,5D7A [4892]
129 DATA A0C8,FE,7F,38,F1,78,F6,80,CD,6905 [290C]
130 DATA A0D0,B5,A1,79,CD,B5,A1,C9,4F,77C1 [EF00]
131 DATA A0D8,AF,32,D2,A1,CD,8E,A1,6F,4EED [BE74]
132 DATA A0E0,CD,8E,A1,67,3A,D2,A1,87,5B3D [8810]
133 DATA A0E8,CD,79,B7,28,07,CD,FB,A0,687A [78FC]
134 DATA A0F0,D8,CD,1A,BC,CD,1F,A1,CD,5058 [3564]
135 DATA A0F8,7A,BC,C9,FE,01,20,12,DD,04B1 [98EE]
136 DATA A100,7E,00,CD,B4,BB,4F,CD,69,28F7 [520C]
137 DATA A108,BB,79,E5,CD,B4,BB,E1,87,5589 [2428]
138 DATA A110,C9,FE,02,37,C0,DD,66,02,5D8A [C0C6]
139 DATA A118,DD,6E,00,25,2D,B7,C9,CD,758B [1C14]
140 DATA A120,8E,A1,57,CD,8E,A1,5F,CD,7677 [2222]
141 DATA A128,51,A1,CD,8E,A1,87,C8,47,1483 [45BE]
142 DATA A130,3A,D2,A1,87,C0,C8,78,CB,33C7 [86E6]
143 DATA A138,BB,20,0B,CD,8E,A1,77,CD,5EE7 [0F28]
144 DATA A140,65,A1,10,F7,18,E4,CD,8E,15C4 [87BA]
145 DATA A148,A1,77,CD,65,A1,10,FA,10,5614 [8386]
146 DATA A150,D9,E5,7A,32,D0,A1,22,CC,5D2C [7CD4]
147 DATA A158,A1,42,05,CD,20,BC,10,FB,4F5B [10CC]
148 DATA A160,22,CE,A1,E1,C9,F5,15,28,3D2E [5CC8]
149 DATA A168,05,CD,20,BC,18,19,1D,28,3EB6 [63B2]
150 DATA A170,19,3A,D0,A1,57,2A,CE,A1,113D [1A96]
151 DATA A178,CD,26,BC,22,CE,A1,2A,CC,7ECC [7856]
152 DATA A180,A1,CD,26,BC,22,CC,A1,F1,6F53 [E7EA]
153 DATA A188,B7,C9,AF,32,D1,A1,F1,37,7AD9 [9FFE]
154 DATA A190,C9,F5,3A,D0,A1,8A,28,06,5436 [16A2]
155 DATA A198,14,CD,23,BC,18,15,1C,16,365A [4786]
156 DATA A1A0,01,2A,CC,A1,CD,29,BC,22,1E06 [D7D0]
157 DATA A1AB,CC,A1,2A,CE,A1,CD,29,BC,4132 [9928]
158 DATA A1B0,22,CE,A1,F1,C9,CD,95,BC,3D5A [E640]
159 DATA A1B8,DB,AF,32,D1,A1,C9,CD,80,4BA6 [2B30]
160 DATA A1C0,BC,DB,FE,1A,37,C8,3E,FF,747B [EF5A]
161 DATA A1C8,32,D2,A1,C9,00,00,00,00,3530 [DCFE]
162 DATA *Ende* [E486]
163 adr=&A000:zeile=104 [3694]
164 MEMORY adr-1 [7892]
165 READ d$ [9400]
166 IF d$="*Ende*" THEN 179 [586A]
167 pr=0 [821A]
168 FOR i=1 TO 8 [1F70]
169 READ a$:a=VAL("&"+a$) [114E]
170 POKE adr,a:adr=adr+1 [DD18]
171 pr=pr*2:IF pr>65535 THEN pr=pr-65535 [D498]
172 pr=UNT(pr)XOR a:IF pr<0 THEN pr=pr+65535 [99B0]
173 NEXT i [3D06]
174 READ pr$:pr2=VAL("&"+pr$):IF pr2<0 THEN [3392]
175 pr2=pr2+65536 [ACD6]
176 IF pr<>pr2 THEN 178 [0D12]
177 zeile=zeile+1 [BB68]
178 GOTO 165
179 PRINT "Pruefsummenfehler in Zeile":zeile
180 STOP [1A04]
181 SAVE "compress.bin",b,&A000,&1D0:END [1880]

```

```

10 *****
* [6D74]
20 * COMPRESS.BAS - Demo fuer COMPRESS [D9FA]
*
30 * es wird DEMO.BIL benoetigt [65EE]
*
40 *****
* [417A]
50 * [615B]
60 MODE 1:BORDER 17:INK 0,17:INK 1,4:INK
  2,26:INK 3,6 [DA3B]
70 WINDOW 1,40,1,24:PAPER 0:PEN 1 [303E]
80 WINDOW#1,1,40,25,25:PAPER#1,3:PEN#1,2
  [D4F6]
90 LOCATE 15,12:PRINT"COMPRESS DEMO":LOC
  ATE 15,13:PRINT STRING$(13,154) [70EE]
100 MEMORY &9FFF:LOAD"compress.bin" [759B]
110 PRINT#1,"Bild normal laden." [30F2]
120 LOAD"!DEMO.BIL",&C000 [810E]
130 PRINT#1,"Komprimiert speichern." [AD4E]
140 OPENOUT"!DEMO.KPT" [F30C]
150 CALL &A000,0 [6C8A]
160 PRINT#1,"Laenge von DEMO.KPT festste
  llen!" [DF26]
170 CLS:CAT [A75B]
180 FOR i=1 TO 1000:IF INKEY#=""THEN NEX
  T [ECAE]
190 PRINT#1,"wieder laden." [90BA]
200 OPENIN"!DEMO.KPT" [0344]
210 CALL &A003 [87D2]
220 PRINT#1,"Ueberzeugt, das COMPRESS hi
  lft ?" [0F9A]
230 a$=UPPER$(INKEY$):IF a$=""THEN 230 E
  LSE IF a$="N"THEN 110 [107B]
240 IF a$<>"J"THEN 230 [66AC]
250 END [9C1C]

```

Listing 2. Eine kleine Demonstration

```
113 DATA A04B,C9,CF,97,8B,CD,51,A1,7D,AA79 [F126]
```

Listing 3. Anpassung für den CPC 664

```
113 DATA A848,C9,CF,9B,BB,CD,51,A1,88,ABF9 [E626]
```

Listing 4. Anpassung für den CPC 6128