** SPECIAL ISSUE: TRS-80 COMPUTING INDEX!! **

$.80 1988

CANADIAN $1.00 VOLUME 2
NUMBER 1

TRS-80 COMPUTING

PROGRAMS

SOFTWARE

ARTICLES

HARDWARE

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GRAPHICS PROGRAM—#6

This month's graphics program is called 'Timebomb'. Type and run this program and watch the timebomb go off. Turn up the volume for sound.

THE PROGRAM:TIMEBOMB

```
1 '*** TIMEBOMB ***
2 '
10 PMODE 4,1
15 PCLS
20 SCREEN 1,1
25 CIRCLE(128,96),80
30 CIRCLE(128,96),90
35 PAINT(0,0),5
40 FOR T=30 TO -30 STEP -1
45 A=(2*3.1415)*T/60
50 LINE(128,96)-(75*SIN(A)+128,75*COS(A)+96),PSET
55 SOUND Q*2+1,20/(Q+1)+1
60 LINE(128,96)-(75*SIN(A)+128,75*COS(A)+96),PRESET
65 Q=60-2*T:FOR Y=Q TO 0 STEP -1:NEXT
70 NEXT
75 CLS
80 PCLS
85 PRINT@237,"BOOM!"
90 SOUND 1,30
95 PMODE 4,1
100 SCREEN 1,1
105 FOR I =2 TO 200 STEP 2
110 CIRCLE(128,96),I
115 NEXT I
120 SCREEN 1,1
125 FOR X =2 TO 200 STEP 2
130 CIRCLE(128,96),X,,3
135 NEXT X
140 FOR I=2 TO 200 STEP 2
145 CIRCLE(128,96),I,3,.5
150 NEXT I
155 GOTO 155
```

TRS-80 SOFTWARE...

COLOR COMPUTER GRAPHICS DESIGNER.....ONLY $29.95

The CoCo Graphics Designer produces beautiful Greeting Cards, Banners, and Signs for holidays, birthdays and other occasions.

The program features picture, border, and character font editors, so that you can modify or expand the already built in libraries. Plus a special 'grabber' utility is included to capture areas of high resolution screens for your picture library.

REQUIREMENTS:A CoCo I,II, or III with at least 32K, one disk drive, BASIC 1.0 /1.1,ADOS 1.0/1.1 or JDOS. Printers supported include:Epson RX/FX, Gemini 10X , SG10, NX10, C-Itoh 8510, DMP 100/105/110/130/430 CGP220, many Okidata (check with Zebra) Seikosha GP100/250, Gorilla Banana, Legend 808.
#C323 CoCo Graphics Designer

PICTURE DISK #1-This supplementary picture library diskette contains over one hundred additional pictures.
#C333 Picture Disk #1 $14.95

COLORED PAPER PACKS-150 sheets (50 each red, yellow, blue) with 60 matching envelopes. Perfect for making your productions outstanding.
#C274 Paper Pack $19.95

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Woodhaven, NY 11421
(718) 296-2385

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COLOR COMPUTER HARDWARE...

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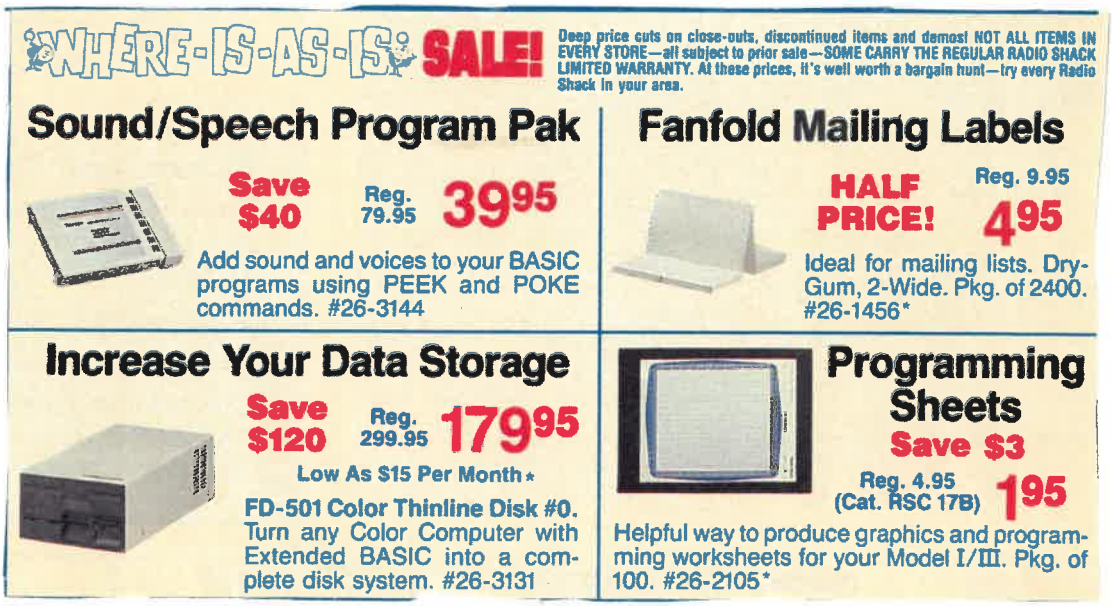
Tandy 200-Multiplan and four other programs built in. 24K. Modem. 40x16 display. Catalog #26-3860



COLOR COMPUTER SOFTWARE...

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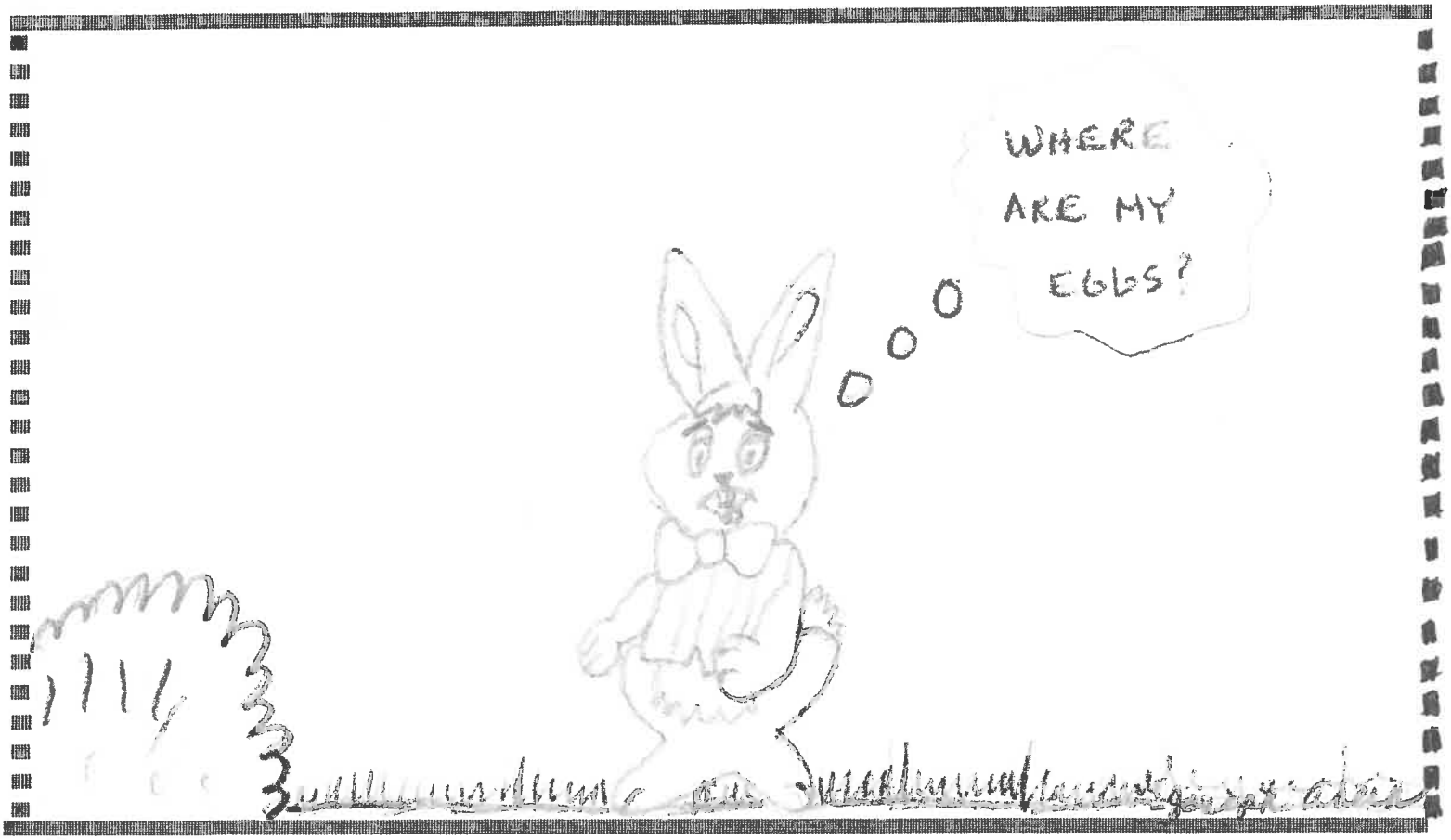
Ghana Bwana	Reg.$29.95	Sale-$14.95
Dallas Quest	Reg.$29.95	Sale-$14.95
Color Reference Guide	Reg.$4.95	Sale-$2.95

THE PROGRAMMER



1 9 8 8

THIS MONTH'S PROGRAM:

EASTER EGG HUNT

EASTER EGG HUNT

BY: JOEY AHERN

This month's program, 'Easter Egg Hunt' can be used on the CoCo 1, 2, or 3 with a mininumof 16K. The object of the game is to try to help the bunny find his eggs. In order to do that you have to answer the multiplication problem correctly. All instructions are included in the game.

```
5 CLEAR 200
10 CLS
15 PRINT@37,"WELCOME TO..."
18 PRINT@165,"EASTER HUNT!!"
20 PRINT@293,"(C)1987 BY JOEY AHERN"
22 FOR PAUSE=1 TO 2000:NEXT PAUSE
24 CLS
26 PRINT"WOULD YOU LIKE INSTRUCTIONS?"
28 INPUT A$
30 IF A$="Y"THEN GOTO 34
32 IF A$="N"THEN GOTO 42
33 GOTO 26
34 CLS
36 PRINT"EASTER HUNT IS A GAME DESIGNED FOR THE COLOR COMPUTER.THE COMPUTER WILL
 DRAW A PICTURE OF 8 DIFFERENT COLORED EGGS.YOU HAVE TO HELP THE BUNNY BY GETTIN
G THE CORRECT ANSEWER TO THE MULTIPLICATION PROBLEM.";
37 PRINT"THEN THE EGG WILL DISAPPEAR AND GO INTO THE BUNNY'S BASKET."
38 PRINT"PRESS <ENTER> TO START THE GAME"
40 INPUT B$
42 CLS
44 GOSUB 82
46 RESET(6,7):SET(30,26,1):FOR PAUSE=1 TO 4000:NEXT PAUSE
47 GOSUB 82
48 RESET(13,7):SET(31,26,2):FOR PAUSE=1 TO 4000:NEXT PAUSE
49 GOSUB 82
50 RESET(19,7):SET(32,26,3):FOR PAUSE=1 TO 4000:NEXT PAUSE
51 GOSUB 82
52 RESET(6,10):SET(33,26,4):FOR PAUSE=1 TO 4000:NEXT PAUSE
53 GOSUB 82
54 RESET(13,10):SET(34,26,5):FOR PAUSE=1 TO 4000:NEXT PAUSE
55 GOSUB 82
56 RESET(19,10):SET(35,26,6):FOR PAUSE=1 TO 4000:NEXT PAUSE
57 GOSUB 82
58 RESET(10,13):SET(36,26,7):FOR PAUSE=1 TO 4000:NEXT PAUSE
59 GOSUB 82
60 RESET(16,13):SET(37,26,8)
62 FOR PAUSE=1 TO 1000:NEXT PAUSE
64 CLS
66 PRINT@103,"CONGRATULATIONS!"
68 PRINT@167,"YOU WON THE GAME!"
70 FOR PAUSE=1 TO 3000:NEXT PAUSE
72 CLS:END
74 CLS
76 PRINT@200,"SORRY,YOU LOSE!"
78 FOR PAUSE=1 TO 2000:NEXT PAUSE
80 CLS:END
82 CLS(0)
84 FOR H=47 TO 56:SET(H,29,5):NEXT H
86 FOR H=54 TO 56:SET(H,28,5):NEXT H
```

```
88 FOR V=25 TO 29:SET(47,V,5):NEXT V
90 FOR V=20 TO 24:SET(50,V,5):NEXT V
92 FOR H=46 TO 49:SET(H,22,5):SET(H,24,5):NEXT H
94 SET(46,23,5):SET(51,25,5):SET(52,26,5)
96 SET(53,27,5):SET(48,23,7):REM BUNNY
98 FOR H=28 TO 39:SET(H,27,2):NEXT H
100 FOR H=28 TO 39:SET(H,28,2):NEXT H
102 FOR H=28 TO 39:SET(H,29,2):NEXT H
104 FOR H=29 TO 38:SET(H,24,2):NEXT H
106 SET(29,25,2):SET(29,26,2):SET(38,25,2):SET(38,26,2):REM BASKET
110 SET(6,7,1):SET(13,7,2):SET(19,7,3)
112 SET(6,10,4):SET(13,10,5):SET(19,10,6)
114 SET(10,13,7):SET(16,13,8):REM EGGS
116 M=RND(12)
118 Q=RND(12)
120 PRINT M"X"Q"="
122 INPUT C
124 IF C=M*Q THEN PRINT"YOU'RE RIGHT!"
126 IF C<>M*Q THEN GOTO 74
128 RETURN
```

GOOD TYPING HABITS

1.Always sit in a well padded chair.
2.Best if a desk lamp is put over the keyboard when typing.
3.When your hand gets tired always rest.
4.Don't let liquid get near the computer.
5.Always wash your hands before touching the keyboard.
6.Try to keep you keyboard covered when not using. Keep keyboard away from dusty rooms.
7.If typing a long line check to see if you made any typing errors before pressing <ENTER>.
8.Keep wires that come from the keyboard behind objects such as chairs or tables, or put them under a rug. If you can't do neither then tape wires with correct tape to the floor. If someone trips on them the effect can be... well you know, not onlt will the person get hurt but you will lose the computer.
9.Never leave your computer on for more than 4 hours. Your computer gets hot and needs at least 30 minutes to cool off.
10.Always wait 15 seconds before turning on a computer after you just shut it off.

Good Typing!

HOW TO USE THIS INDEX

To use this index you will need to know the folllowing:

That ad means advertisement.
That art means article.
That Co-Co means Color-Computer.
That softw means software.
That EXB means Extended Basic Required.
That pro means program.
That tips means helpful hints.
That + means and or also. Ex. Art + Ad
That Co-Co Softw Ad + Art means Color Computer Software advertisement and article.
That Helpful Art means Useful or Helpful Articles also could mean informational article.
That order means an order form.

Note:Some order forms are not listed in the index. If you would like the order forms not listed send to address on next page. Also that some articles and ad. and stuff like that are with other names. These art., etc... can be found under names like the following:
Software
Machine Specifics
Programming the TRS-80
Classified

Whenever you would like an updated order form for programs, our magazine, or have any questions please send to any of the following addresses:

David McNally
267B Pleasant Street
Canton, Ma. 02021

Joey Ahern
65 Oak Road
Canton, Ma. 02021

Note:This issue of the magazine is not included in the index. Also names are alphabetical order for your convience.

P.S. Look for or send for an order form for our new programs, Trivia and The Print Shop minature for TP-10 printer. Also for other printers but please send a copy of your printers CHR$ codes for the graphics.

For the Co-Co only!!!

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THE BEST COCO ASSEMBLY LANGUAGE PROGRAMMING BOOKS IN PRINT

"Assembly Language Programming for the CoCo" (The Book) and the CoCo 3 (The Addendum). Professionally produced (not just skimpy technical specifications). THE CoCo reference books.

THE BOOK - 289 pages of teaching assembly language for the CoCo 1 & 2. It's used as a school text and is an intro to Computer Science. It describes the 6809E instructions, subroutines, interrupts, stacks, programming philosophy, and many examples. Also covered are PIAs, VDG, SAM, kybd, jystk, sound, serial port, and using cassette and disk. $18.00 + $1.50 s/h.

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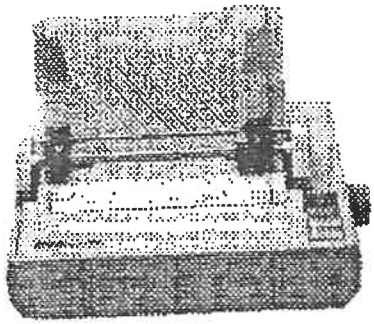
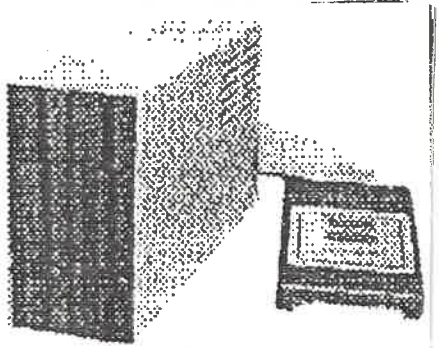


COCO ACCESSORIES



Hardware

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