

April 1987

RAINBOW

The Color Computer Monthly Magazine

ON DISK

RAINBOW ON DISK contains the programs featured in the pages of THE RAINBOW, The Color Computer Monthly Magazine. It is intended as a companion to the magazine, not as a separate entity. The articles accompanying the programs in THE RAINBOW may include important information and system requirements necessary to the operation of the programs.

The disk is specially formatted and contains both BASIC and OS-9 operating system programs.

This edition of RAINBOW ON DISK includes:

Fifth Dimension Discover how five-dimensional arrays work.

Hurricane Tracker A way to predict hurricane landfall.

Freezer Prevent those freezer burn blues.

Education Notes Steve Blyn's *Graph* teaches properties of line graphs.

Yardsale Use your CoCo for yard sale inventory control as well as price tags.

Word Guess Guess the secret word before time runs out!

Novices Niche Nine short programs dealing with nearly everything from graphics to checkbooks.

Wishing Well Use this installment of Fred Scerbo's life skills series to conquer the metric system.

CoCo Calculator Let your CoCo graphically emulate a four-function calculator.

Easter Patterns Encourage your youngsters to excel in this seasonal pattern matching game.

Battling Blue Bert Bust down barriers and capture the Intolerants with this graphics game.

Saucer Defense A brand new CoCo 3 space game for your library.

Round Robin Let CoCo organize the teams in your next tournament.

Write III Turn your CoCo 3 into a multi-featured word processor.

Kidsmath Let CoCo teach addition and subtraction skills to your children.

Romans Do you know the difference between XXI and 37? Let CoCo do the work for you.

Cheap Spread Spreadsheets have never been so simple.

Bits and Bytes Use *Lister* to see what those ASCII files on your disk really say.

The "flip" side of this month's RAINBOW ON DISK includes:

KISSable OS-9 Included are several tools and patches designed especially for the enhancement of your OS-9 system.

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Instructions For Use

This disk is a "floppy," formatted under Disk Extended BASIC on the front side and under the Microware OS-9 operating system on the back. To access the OS-9 programs on the back, you must remove the disk from your drive, boot your OS-9 system, turn the disk over and reinsert it.

Some issues of RAINBOW ON DISK may be partially formatted under Disk BASIC on the back side as well as the front. You should check both sides of the disk using Disk BASIC's DIR command for this occurrence.

Before you run any of the programs on RAINBOW ON DISK, you should first use the Disk BASIC BACKUP command to make a backup of both sides of the disk, giving you a working copy. You are able to back up the OS-9 formatted side of the disk under Disk BASIC. For the protection of the RAINBOW ON DISK master, the disk does not have write-protect notches, so you cannot accidentally write to it.

If you are running OS-9, you will find a read.me.first file in the root directory. You should list this file to your screen or printer for information about the structure of the OS-9 side of the disk.

The Disk BASIC side of the disk is menu driven. To begin, type RUN"MENU" and press ENTER. A menu of the files appears, from which you may run any of the BASIC programs by pressing its corresponding letter key. The machine language programs, indicated by an asterisk, will not run properly from the menu. These machine language files must be loaded and executed with the LOADM and EXEC commands.

When a file is run from the RAINBOW ON DISK menu, part of the menu itself remains in memory. Because of this, you may encounter an OM? Error on some of the programs, indicating that the file is too large for memory. If this occurs, you will have to remove the disk and turn off your CoCo for a few seconds, then LOAD and RUN the program as you normally would from Disk BASIC, bypassing the menu.

Many of these programs require special loading instructions and other information necessary to the proper functioning of the program. For complete instructions regarding each of the following files on RAINBOW ON DISK, refer to the April 1987 edition of RAINBOW magazine. (The corresponding page number is noted for your convenience.)

Front Side/Disk BASIC

| Page | Filename |
|------|----------|
| 024 | FIFTHDIM |
| 029 | HURRTRAK |
| 038 | FREEZER |
| 047 | GRAPHS |
| 053 | YARDSALE |
| 060 | WORDGUES |
| 068 | SPINNER |
| 068 | CIRCLES |
| 068 | IPOPPER |
| 070 | GROCERY |
| 070 | BASEBALL |
| 072 | RECIPE |
| 073 | MPG |
| 074 | CEMENT |
| 075 | CHECKS |
| 078 | LIFESKL6 |
| 091 | COCOCALC |
| 101 | EASTER |
| 109 | BLUEBERT |
| 117 | SAUCER |
| 121 | RNDROBIN |
| 126 | INPUT |
| 157 | 3 WRITER |
| 167 | ADDITION |
| 172 | ROMANS |
| 176 | SPREAD |
| 196 | LISTER |

Back Side/OS-9 Format

read.me.first

CMDS

| Page | Filename |
|------|----------|
| 198 | driveoff |
| 201 | terminal |
| 204 | mdir |
| 205 | strip |

SOURCE

| | |
|-----|------------------|
| 198 | driveoff |
| 198 | driveoff.listing |
| 199 | IOman.patch |
| 201 | terminal.asm |
| 204 | mdir.c |
| 205 | strip.c |

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If any manufacturing defect becomes apparent, return the defective disk within 30 days of purchase and it will be replaced free of charge. Please return the defective disk with a letter specifying the problem to RAINBOW ON DISK, The Falsoft Building, P.O. Box 385, Prospect, KY 40059

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