

March 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:

Check Writer Use your CoCo to write your checks for you.

Home Accountant Keep track of your personal financial records.

Financial Planner Use *FNANPLAN* to help you make practical financial decisions.

Barrel A colorful alternative to the Rubik's Cube.

Game Party Invite your friends over for a round of trivial pursuits. Also includes a sample question file, *GENERAL1/DAT*.

Typing Tutor This CoCo 3 program not only looks great, but will teach you how to type, too!

Education Notes A program designed to familiarize students with the Dewey Decimal system.

Novices Niche Five "shorties" to add to your CoCo library.

Amortize Let this program get you the numbers for that loan you are considering.

Graphit Develop versatile line and bar graphs with this charting program.

Bookkeeper's Helper *PAYROLL* will help you mind your business.

Joker Poker A fantastic graphics poker game for the CoCo 3.

BASIC Training Several routines to illustrate programming with strings.

Bits and Bytes of BASIC Why are RGB and composite colors different? Explore the color system on the new CoCo 3.

Stock Tracker See how your stocks stack up.

Wishing Well Fred Scerbo offers a computerized "flip" game.

Budget Master A monthly budget system for your tape-based CoCo.

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

KISSable OS-9 Included are several utilities, such as *binary* and *split*, to enhance your OS-9 tactics.

OS-9 Graphics Use *gload* and *gsave* for Hi-Res graphics in OS-9.

Barden's Buffer The programs *addnum* and *primenum* which illustrate C programming techniques.

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Instructions For Use

This disk is a "flippy," 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 March 1987 edition of RAINBOW magazine. (The corresponding page number is noted for your convenience.)

Front Side/Disk BASIC

Page	Filename
020	CHEKRITR
027	TAPEUSER
027	ACCOUNT
037	FNANPLAN
052	BARREL
061	GPARTY
DAT	GENERAL1
068	COCOTYPE
075	DEWEY
076	SWITCH
077	WAGECALC
078	TOTAL
080	COLRCHEK
080	ENVELOPE
083	AMORTIZE
087	GRAPHIT
097	PAYROLL
100	POKER
110	PART 1
110	ALT
111	ALT1
111	ALT2
111	PROBLEM
118	CO3COLOR
124	STOCK
127	GRAPH
170	ROBOFLIP
174	BUDGET

Back Side/OS-9 Format

`read.me.first`

CMDS

Page	Filename
198	binary
198	split
200	col
202	prompt
204	modcrc
204	date

SOURCE

198	binary.c
198	split.c
200	col.asm
202	prompt.asm
204	modcrc.c
204	date.c
159	gsave.src
159	gload.src
160	makepix
192	addnum.c
192	primenum.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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