

April 1988

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:

Child Protect Speed up medical attention when you are away from your child with this customized authorization form.

Recipe Filer Use this friendly database to organize those family recipes.

Financial Conversions A tool box to help manage your finances.

Home Inventory This program helps keep track of all those household valuables.

Color Correspondent A mini word processor for your letter-writing needs.

Auto Maintenance Keep track of maintenance schedules for up to five vehicles.

Education Notes Preview the presidential election with this poll program from Steve Blyn.

Novices Niche Five fun and helpful quickies to get you started.

Kingmaker Promote your candidate to kingship as master of the guild.

Easy As Pie Here's a little help for BASIC programmers in the form of a utility program.

Budget Master Let the *Home Financial Analyst* help organize income and expenses.

Color Mixer This CoCo 3 utility from H. Allen Curtis helps choose colors for your next BASIC creation.

Wishing Well CoCo 3 "fixes" for Wishing Well favorites from the past.

Barden's Buffer Discover the world of Hershey characters with *Hershey Utility* and *Hershey Font Driver*.

The OS-9 files on the "flip" side of this month's RAINBOW ON DISK include:

KISSable OS-9 Finally, a driver/descriptor pair for the WordPak RS.



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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.

This month's RAINBOW ON DISK is formatted in such a way that programs for Disk BASIC are on both sides of the disk. The flip side of the disk has been "partitioned" and does hold 11 Disk BASIC files. You may copy these files to another disk manually or back up the entire flip side of the disk.

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.

The Disk BASIC portions of the disk are 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.

How Do I Get to the OS-9 Programs?

The OS-9 side of RAINBOW ON DISK contains two directories: CMDS and SOURCE. It also contains a file, read.me.first, which explains the division of the two directories. The CMDS directory contains executable programs and the SOURCE directory contains the ASCII source code for these programs. BASIC09 programs will only be offered in source form so they will only be found in the SOURCE directory.

OS-9 is a very powerful operating system. Because of this, it is not easy to learn at first. However, while we can give specific instructions for using the OS-9 programs, you will find that the OS-9 programs will be of little use unless you are familiar with the operating system. For this reason, if you haven't "learned" OS-9 or are not comfortable with it, we suggest you read *The Complete Rainbow Guide to OS-9* by Dale Puckett and Peter Dibble.

The following is not intended as a course in OS-9. It merely states how to get the OS-9 programs from RAINBOW ON DISK to your OS-9 system disk. Use the procedures appropriate for your system. Before doing so, however, boot the OS-9 operating system according to the documentation from Radio Shack.

- 1) Type `load dir list copy` and press ENTER.
- 2) If you have only one disk drive, remove the OS-9 system disk from Drive 0 and replace it with the OS-9 side of RAINBOW ON DISK. Then type `chd/d0` and press ENTER. If you have two disk drives, leave the system master in Drive 0 and put the RAINBOW ON DISK in Drive 1. Then type `chd/d1` and press ENTER.
- 3) List the `read.me.first` file to the screen by typing `list read.me.first` and pressing ENTER.
- 4) Entering `dir` will give you a directory of the OS-9 side of RAINBOW ON DISK. To see what programs are in the CMDS directory, enter `dir cmds`. Follow a similar method to see what source files are in the SOURCE directory.
- 5) When you find a program you want to use, copy it to the CMDS directory on your system disk with one of the following commands:

One-drive system: `copy /d0/cmds/ filename /d0/cmds/ filename -s`

The system will prompt you to alternately place the source disk (RAINBOW ON DISK) or the destination disk (system disk) in Drive 0.

Two-drive system: `copy /d1/cmds/ filename /d0/cmds/ filename`

Once you have copied the program, you execute it from your system master by placing that disk in Drive 0 and entering the name of the file.

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 1988 edition of RAINBOW magazine. (The corresponding page number is noted for your convenience.)

Front Side		Back Side	
Page	Filename	Disk BASIC Files	
Page	Filename	Page	Filename
APR	MENU	APR	MENU
025	MED FORM	126	COLORMIX
032	RECIPES	148	#BLOOD
036	FINANCE	148	#HEART
044	INVNTORY	148	#DRIVE2
049	LETRRITR	148	#COCOKEYS
060	MAIN	148	#SPELLKEY
068	EXPNS	148	COPIER
069	REM	148	FONTUTIL
070	ELECTION	179	HFDRIIVER
072	BRU	184	EXAMPLE
073	ENCRYPT	189	
074	SHOOTEM		
074	CALENDAR		
075	QUILT		
088	KINGBOOT		
090	KING		
101	UTILITY1	167	wpdrv.dr
116	BUDGET	168	wp.dd
120	REPORT	169	wecho.dd

OS-9 Files	
Page	Filename
	read.me.first
	CMDS
	SOURCE
166	CO80.patch
167	wpdrv.src
168	wp.src
169	wecho.src

Indicates "Wishing Well" fix files; see Page 146.

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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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