



### ISSUE #39 (2 DISKS)

#### FIDDLER ON THE DISK

A musical treat! Listen to square dance music and learn about some of the instruments used to play the original songs.

#### Q & D CAT TOOL

Organize and customize your catalogs with this handy utility. We use this to customize the catalogs on SOFTDISK.

#### CAROL DAY'S SLIDE SHOW #3

Another great collection of hi-res images created by the talented Carol Day.

#### Q & D GEMINI STUFF

One section will help you set up your printer. The other gives you customized fonts to download to your printer. Designed for Gemini 10X.

#### SCRAMBLED WORDS

Choose your category, then unscramble the letters to spell states, state capitals, movie star names, or famous sayings.

#### SPELLING

Enter your own spelling list into this program and let your Apple help your team to spell!

#### THE BIG BALANCE

Only you have the knowledge to tip the scales of your balance in his unique quiz games.

#### DOS 'N' STUFF - PART 10

Along with the information in this article, you'll get a really intelligent menu program. You'll also begin to unravel the mysteries of machine language. In DOS COUNTED CROSS STITCH

This program contains 8 patterns that can be adapted to a variety of uses from cross stitch to needlepoint.



### ISSUE #40 (2 DISKS)

#### POE ADVENTURE

If you have read any of Edgar Allen Poe's stories, you'll have a head start with this adventure game.

#### HEART BEAT

Let your Apple explain what those wiggly lines on the heart monitor mean.

#### APPLE PIANO

Use a hi-res keyboard to create music to use in your own BASIC programs.

#### PACKER/UNPACKER

All the details on how to pack and unpack hi-res pictures.

#### WAVES

Graph 6 trigonometric functions on the hi-res screen.

#### CASSETTE LABELS

You'll need a printer for this one. Make custom audio cassette box labels that say just what you want them to.

#### READ CATALOG

This utility puts DOS catalog information into a text file so that you can get at it from BASIC.

#### HANGMAN

There's an extra with this popular game—you can make your own words file!

#### BF16 MODIFIER

Load a binary file into memory, then search through it to find the character you need to change.

#### MEMORY DUMP

See what is really going on inside your Apple!

#### BLOCKOUT

Win this two-player lo-res game by building a wall around your opponent.

#### TRANSCRIPT EVALUATOR

Attention educators! You definitely need this one!



### ISSUE #41 (2 DISKS)

#### AVIATION SOFTWARE REVIEWS

Reviews and demos of some of the flight planning and simulator systems currently on the market.

#### BASKETBALL STATS

Your Apple can figure free throw percentages, give performance figures over a basketball season and much more.

#### STATE QUIZ

Knowing state capitals won't help you with this quiz! Now, if you know all the state birds.

#### CASE CONVERTER

This programmer's utility will allow you to write upper and lower case instructions for any Apple.

#### DIGIT GAME

This is a game of deductive logic. Clues are provided.

#### BOX PUZZLES

These puzzles aren't really that hard to solve. It all depends on how you look at them.

#### IQ TEST

How smart are you? Common sense counts for more than a degree in this test.

#### ABSENCE LIST PRINTER

The school secretary will appreciate this one.

#### PRINTER STYLE

The printer set-up program will work with a variety of printers.

#### BREAKOUT II

Here's a version of an old favorite.

#### LIFE EXPECTANCY

How long will you live?

#### MATHFACTS

A perfect program for the youngsters to practice addition and subtraction.



### ISSUE #42 (2 DISKS)

#### BLAST

Use your joystick to blast the alien ships.

#### SPELLBOUND

This flash-card type spelling drill will test your spelling.

#### PLUS TAX

If you have ever had to figure sales tax, you'll appreciate this helpful program.

#### Q & D FILE COMPARE

Do you have two versions of the same program? Are they identical? Now you can find out!

#### BUGS

If you think the bugs are out to get you, you're right!

#### ROAD MAP

How good are you at road construction? This two player game is a real challenge.

#### WINDOW WORDS

Test your knowledge on the parts of speech!

#### TRIVIAL STATES

How much do you know about your own state?

#### TYPEWRITER

Throw out your typewriter! Your Apple, a printer, and this program are all you'll ever need.

#### PRINT SHOP ENVELOPES

Anyone who has the PRINT SHOP program will appreciate this handy program to print envelopes.

#### ALGAE

Averaging Letter Grades Accomplished Easily will help teachers get on with more important work!

#### BASIC PROGRAMMING FORMS

All plan-ahead people will like these helpful forms.

#### MAP SKILLS

Learn all about map reading.

#### MUSIC OF ERIN

Twelve musical selections along with pictures.



### ISSUE #43 (2 DISKS)

#### ACRES UP II

Another great solitaire game from Paul Zelman!

#### FLEXI-GRAPH

This program shows all kinds of information on the text screen—fast!

#### FOIL THEORY

Learning about binomials is easy.

#### CATALOG SORT V2.0

Alphabetize your catalogs—fast—with this improved version.

#### RAINBOW GAME

Can you get four different colors in a row?

#### CARDIO-PULMONARY RESUSCITATION

This multiple choice test can be used as a review of CPR.

#### RHYMER

Now you can find a word to rhyme with anything—even "anything"!

#### CUSTOM CHARACTERS

Create your own character sets for your printer.

#### MAKE DISK DOSLESS

This utility will allow you to free up extra space on your disk.

#### ALL ABOUT APPLES

This installment covers all the DOS error messages. You'll find out what they mean and some tips on preventing them from happening.

#### MATH REFLECTIONS

This series of articles explores math in depth. This month you'll find out about number theory, the Euclidean Algorithm and the GCD and LCM of two numbers.

#### ASTRONOMY PROGRAMS

A collection of 14 astronomy programs.

#### ALFREDO RETURNS

Alfredo, our animated hero, is back in another adventure.



### ISSUE #44 (2 DISKS)

#### FOREST FIRE

Water and firebreaks are your only tools as you try to put out this lo-res forest fire.

#### WORDSEARCH

Create your own word-search puzzles for school or for fun.

#### PRINT SHOP LIBRARY

24 PRINT SHOP graphics designs for your enjoyment. We've even included Q & D. PS IMAGER that allows you to see them on the screen.

#### PRODUCT REVIEWS

This month we have 12 hardware and software reviews.

#### DEEP SPACE

Your base is in deep space, and surrounded by aliens. Can you survive?

#### YAHTZEE

Watch the dice roll and choose wisely.

#### QUIK-KALC

How are you at adding numbers in your head?

#### ANIMAL PERSONALITY

Is there an "animal" hidden in your personality?

#### ZOO PICTURE MAKER

Now a printer routine for the ELECTRIC ZOO.

#### MUSIC CASSETTE LABELS

This is a very specialized program for specialized labels.

#### HELLO CUSTOMIZER

Here's a HELLO program that could double as a menu program.

#### BORDER MAKER

Add interest to your instructions and title pages.

#### HOLY MOSES

How well do you know the Ten Commandments?


#### ALFREDO'S LAMENT

The saga of Alfredo continues.

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SOFTDISK 



### ISSUE #45 (2 DISKS)

#### NECROMANCER'S REVENGE

This sequel to LIAR OF THE NECROMANCER continues the adventure as the necromancer returns to menace the people of the kingdom.

#### Q & D LESSER TEXT

Read the ALL ABOUT APPLES article to learn how to print text on the hi-res screen.

#### POKER SQUARES

How good a poker player are you? Find out with this card game that can be played competitively or solitaire-style.

#### COMP SORT

All you ever want to know about sorting — almost. Learn about eight different sorting routines.

#### ALFREDO'S DIGESTIVE DILEMMA

Alfredo is in trouble again! How does he get into these messes?!

#### GOBBLE

A word game for the whole family. How many words can you make in the grid before time runs out?

#### JUPITER

This plot of the moons of Jupiter is not just educational — the patterns on the hi-res screen are interesting by themselves.

#### MEGABUCKS

Picking lottery numbers is only part of this program. You can learn a lot about random numbers by reading the text and listing the program.

#### DOS 'N' STUFF — PART 14

Gary Bond explains how DOS deletes a file and how you can undelete it.

#### BITS 'N' BYTES — PART 4

Learn how to load values into the registers. You'll also write a short assembly language program.



### ISSUE #46 (2 DISKS)

#### MR. MACHINE

Here's the football program you've been waiting for! Predict the winners!

#### MOON BUGGY

We're sending you to the moon to rescue some stranded scientists. Don't fail us!

#### TRIPLE TRIVIA

Convert your trivia questions to a new game.

#### GEOMETRY FORMULAS

Twenty-three formulas to find area, volume, etc.

#### PALINDROME SQUARES

A cute novelty.

#### DIAMOND DRAW

Create hi-res pictures! This makes drawing easy.

#### ALL ABOUT APPLES

Find out what causes errors and how to avoid them in your programs.

#### DOS 'N' STUFF — PART 15

What is the VTOC? Read this installment to find out.

#### BITS 'N' BYTES — PART 5

Learn seven new commands and you'll be ready to write a machine language program.

#### ALFREDO'S CRUSHING CURIOSITY

Alfredo's in trouble again! This time, there's switches and water and...

#### HYPE ADVENTURE

You'll find mountains and pirates and lots of fun in this one!

#### PRINT SHOP GRAPHICS

14 more PRINT SHOP graphic designs created by Softpals just for you!

#### CRYPTO SOLVER

Cryptogram fans gather 'round! You need this program! It's fun!

#### Also—

MATHEMATICAL REFLECTIONS  
CODE CACHE



### ISSUE #47 (2 DISKS)

#### MOVIE MOGUL

Here's your chance to make millions in the movies. Just choose the right script and actors!

#### ARMS RACE

How well will you do in planning arms race expenditures?

#### RISKY ROLLER

A dice game where strategy makes the difference between winning and losing.

#### TEXT PATTERNS

There are logical rules to follow. All you have to do is find them!

#### MULTIPLICATION HELPER

Improve your multiplication skills with this program.

#### FORMULA & MOLECULAR MASSES

The perfect program to help with your next chemistry assignment.

#### ALL ABOUT APPLES

Find out more about trapping errors.

#### MR. COPY

Read ALL ABOUT APPLES to learn about our new copy program.

#### ALFREDO'S WHOPPING WATTAGE

Alfredo is always in trouble. See what happens to him this time.

#### ANCIENT GREEK HISTORY

A greek history lesson the easy way — with the hi-res screen to help.

#### ALPHABET GAME

This is for the younger set. And for mocking-board owners.

#### PRINT SHOP GRAPHICS

More graphics designs sent in by subscribers.

#### Also—

MATHEMATICAL REFLECTIONS  
DOS 'N' STUFF PART 16  
ELECTIONS



### ISSUE #48 (2 DISKS)

#### THE PHRASE THAT PAYS

More fun, but less lucrative, than Wheel of Fortune. Who's the word wizard at your house?

#### MATTERS OF STATE

For geographers, not diplomats. For fun, or education.

#### THE ENVELOPE PLEASE!

Make your own envelopes that fit Print Shop cards!

#### PRINT SHOP CENTER

#### WINNERS

Scads of neat graphics by our subscribers. These are the best of show.

#### AMERICA'S PAST TIME

Not baseball, but history. Dates can be more fun than figs.

#### WORLD SERIES TRIVIA

Here's baseball. Do you remember Bill Dinnenn?

#### ALFREDO'S FIERY FIASCO

Mike Nuzzo's cartoon character goes underground again. The result is a blast!

#### CRIBBAGE SQUARES

Cribbage partner not available? You can still have a hot game!

#### BUBBLE SORT DEMO

Is your Apple out of sorts? This could help.

#### THE COMET COMETH

A preview of our series on Halley's extraterrestrial itinerary.

#### ASCII X-RAY MACHINE

Scan Apple's memory in either hex or ASCII.

#### MACHINE LANGUAGE SPOKEN

#### SOFTLY

A new tutorial on writing machine language programs from Stephen Lepisto.

#### Also—

GRAPPLER + DUMPER  
THE PRICE IS RIGHT!  
OKI SETUP  
ALL ABOUT APPLES



### ISSUE #49 (2 DISKS)

#### CHRISTMAS JUKEBOX

Sweet seasonal tunes with appropriate pictures.

#### MISSING LINK

Another great solitaire game from the master, Paul Zelman.

#### ALFREDO'S HULKING HUBRIS

The fantastic adventures of poor, downtrodden Alfredo continue. This time he overwears.

#### ALL ABOUT APPLES

Q & D Missing String Functions adds INSTRING, INPUT ANYTHING, and PRINT USING to BASIC.

#### PRINT SHOP IMAGES

Twenty-two fresh images for Print Shop lovers.

#### MACHINE LANGUAGE SPOKEN

#### SOFTLY, Pt.II

Continuing last month's exploration of HEX and opcodes.

#### BOWMEN

Try to defeat your arch enemies, the other bowmen.

#### BIG ERNIE

If you answer right, Ernie will make it across the canyon.

#### HALLEY HORIZONS

A graphic illustration of Halley's progress through the heavens in '86.

#### RUNNER'S LOG

Remember your time for that six mile run on Oct.4? No? Runner's log does.

#### REM REMOVER PLUS

BASIC REM'S are great documentation but they slow down your program and make it larger. Now you can easily strip them all out.

#### THE PRICE IS RIGHTER

We replace last month's archaic mark-up algorithm with the modern one.

#### MATHEMATICAL REFLECTIONS

Pi and Scandinavian insurance claims.

#### COMPUTER EYES

An in depth look at a new image digitizer.



### ISSUE #50 (2 DISKS)

#### WORMSHOT

An arcade game: "Blast the vermin from the sky before it devours your meteor shield".

#### DUNGEON OF THE DRAGON

A "tongue in cheek" text adventure.

#### OBSERVATION

A TV's version of a game like TV's Concentration.(tm)

#### TOUGH GUY'S I.Q. TEST

Are you a genius? Find out with this adaptation of a MENSA test.

#### NETWORK

A two-player hi-res board game of strategy.

#### SECRET STUFF DECODER

A tool which helps create and solve cryptograms.

#### HI-RES IMAGE MOVER

Reverses graphics images left-to-right so iron-on images aren't backwards.

#### PRINT SHOP IMAGE FLIPPER

Reverses Print Shop images left-to-right.

#### MATHEMATICAL REFLECTIONS

A statistical test to see if APPLE'S random number generator is really random, plus a graphical view of the Central Limit Theorem at work.

#### FRENCH VOCABULARY

Tests your ability to translate French-to-English or English-to-French.

#### HALLEY'S SOLAR SOJOURN

Take a look at the comet's travels in the past 76 years.

#### TOMATO THEORY

Several options are available to fill your screen with a kaleidoscope of graphics.

#### MOEBIUS DEMO

An exciting overview and running demo of Greg Malone's newest role-playing adventures

Moebius: The Orb of Celestial Harmony.

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