

AdamTM Home Software Library

Program Loading Instructions and
Other Helpful Information about
32 SmartBASICTM Programs



For ADAMTM, The ColecoVision[®] Family Computer System

Item No. 7826

COLECO
ELECTRONICS

Program Loading Instructions

This section contains the information you need to load programs from the ADAM Home Software Library digital data pack or disk. Follow these step-by-step instructions to run the program of your choice!

Pick A Program!

The ADAM Home Software Library includes six kinds of programs: Applications, Educational, Graphics, Games, Mathematics and Miscellaneous.

Apply your SmartBASIC™ skills with the applications programs:

Applications Programs

biorhythm	loan
checkbook	mileage
decide	questexam

Get a degree of ADAM smarts from the educational programs:

Educational Programs

arithmetic	numbers
flashcard	tachist
metric	vocab

Try some artful excitement with the graphics programs.

Graphics Programs

kaleido	squares
sparkle	walloons

Play it for all it's worth with the games programs.

Games Programs

decode	obstacle
groan	roadrace
jot	wari

You can add method to your mathness with the mathematics programs:

Mathematics Programs

curve	integrate
diffeqn	simeqn
graph	stats

Explore the real and the abstract with miscellaneous programs.

Miscellaneous Programs

birthday	powers
pi	pythag

Eight Steps for 32 Programs!

Step 1: Make sure that no disks or data packs are in any of the drives.

Step 2: Turn the switch on the back of the ADAM printer to ON. Turn the television on. Make sure any disk drives are plugged in and turned on.

Step 3: Any time you want to work with ADAM Home Software Library programs, you need to load SmartBASIC first.

Insert the SmartBASIC digital data pack or disk into the drive. Pull the Computer Reset switch on the Memory Console.

Step 4: Once SmartBASIC is loaded and the SmartBASIC prompt (**▮**) appears, remove the SmartBASIC data pack or disk. Insert the ADAM Home Software Library digital data pack or disk in the drive.

If you have more than one drive, you may leave SmartBASIC in the drive and put the ADAM Home Software Library in another drive. Be sure to specify which drive the programs are in when you type commands. The drives are numbered as follows:

First Digital Data Pack Drive	d1
Second Digital Data Pack Drive	d2
First Disk Drive	d5
Second Disk Drive	d6

Examples of commands that address optional drives are given in Steps 5 and 6.

Step 5: Maybe you already know the name of the program you want. Say you wanted to run the walloons program. Just type **run walloons** and press Return. (Make sure you type the program names in small letters.) Your program loads and you are ready to go.

If you are using additional drives, you must specify which drive the Home Software Library is in. For example, if the ADAM Home Software Library is in the second disk drive, you type **run walloons, d6** and press Return.

Step 6: If you aren't sure of the name of the program you want to run, take a look at the contents of the data pack or disk. Type **run menu** and press Return. After a few seconds, the title screen appears. To see the table of contents press any key.

Remember, if you are using additional drives, you must specify the drive that ADAM Home Software Library is in. For example, if the Home Software Library is in the second data pack drive, you type **run menu, d2** and press Return.

Step 7: Read through the list of program names to find the one you want. walloons? sparkle? Type the number that corresponds to the program you want and press Return. If you want to go back to SmartBASIC instead, type **END** and press Return.

Step 8: Once you are in a particular program, what if you want to return to SmartBASIC? Hold down the Control key and simultaneously press the C key. Then press Return.

HELPFUL HINTS

There are several ways to escape a program. If one doesn't work, try another.

1. You can hold down the Control key and press the letter C simultaneously, then press Return.
2. You can press the Escape/WP key.

Either method takes you back to SmartBASIC.™

If the program cues you to "PRESS ANY KEY" and the key you pressed doesn't work, try another.

If your Lock key is on, ADAM may not read your commands.

tachist and flashcards

Do not type any extra spaces when you are typing in answers.

questexam

Once you have completed the program, do not add entries to total a greater number than initially specified. Restart the program from the beginning to add a larger number of entries.

decide

The maximum number of entries is 9.

simeqn

The program will not let you divide by zero.

birthday

To stop the program so you can read the screen, hold down the Control key and press the S key. To resume the program, press the Control and S keys again.

obstacle

To start the program, press either the spacebar or the Return key.

Program Changes

Some of the programs have been changed and improved since the book was printed. So, the program code on the digital data pack or disk will not exactly match the program listing in the book. This page tells you, by line number, how the program appears on the digital data pack or disk.

Applications Programs

decide

```
510 PRINT " I need a list of each ";
1220 IF t<>3 THEN PRINT " Each "; t$; " must "
1450 PRINT "what value would you assign to";
```

Educational Programs

vocab

```
1120 IF h >= 5 THEN 1140
```

arithmetic

```
140 k = RND (2): k = PEEK (64885): IF k<>67 AND k<>99 THEN 140
```

metric

```
140 q = RND (2): q = PEEK (64885): IF PEEK (64885)<>67 AND PEEK
(64885)<>99 THEN 140
```

Game Programs

walloons

```
2320 x 1 = x 3 : x = x ! - 11 : rv = 48 : GOSUB 260 : rv = 32 : x = x 3 +
1 : y = y 2 + 32 : GOSUB 260
2330 rv = 16 : x = x 3 + 11 : y = y2 + 26 : GOSUB 260 : rv = 0 : x = x 3 :
y = y2 + 20 : GOSUB 260 : NEXT
130 IF PEEK (259) = 210 THEN POKE 16783, 01
```

Graphics Programs

roadrace

```
2090 IF PEEK (64885)<>67 AND PEEK (64885)<>99 THEN 2090
```

groan

```
180 q = RND (2): q = PEEK (64885): IF q<>67 AND q<>99 THEN 180
```

jot

```
220 q = RND (2): q = PEEK (64885): IF q<>67 AND q<>99 THEN 220
```

Mathematics Programs

simeqn

```
305 IF n<>INT (n) THEN PRINT: PRINT "***ERROR!** IT MUST BE A
WHOLE NUMBER": PRINT: GOTO 300
310 PRINT: IF n > 0 and n <= m THEN 340
```

Miscellaneous Programs

pi

```
140 j = RND (2): j = PEEK (64885): IF j<>67 AND j<>99 THEN 140
```

90-DAY LIMITED WARRANTY

Coleco warrants to the original consumer purchaser in the United States of America that the physical components of this digital data pack (the "Digital Data Pack") or disk will be free of defects in the material and workmanship for 90 days from the date of purchase under normal in-house use.

Coleco's sole and exclusive liability for defects in material and workmanship of the Digital Data Pack or Disk shall be limited to repair or replacement at an authorized Coleco Service Center. This warranty does not obligate Coleco to bear the cost of transportation charges in connection with the repair or replacement of defective parts.

This warranty is invalid if the damage or defect is caused by accident, act of God, consumer abuse, unauthorized alteration or repair, vandalism or misuse.

Any implied warranties arising out of the sale of the and Digital Data Pack or Disk including the implied warranties of merchantability and fitness for a particular purpose are limited to the above 90 day period. In no event shall Coleco be liable to anyone for incidental, consequential, contingent or any other damages in connection with or arising out of the purchase or use of the Digital Data Pack or Disk. Moreover, Coleco shall not be liable for any claim of any kind whatsoever by any other party against the user of the and Digital Data Pack or Disk.

This limited warranty does not extend to the programs contained in the Digital Data Pack or Disk and the accompanying documentation (the "Programs"). Coleco does not warrant the Programs will be free from error or will meet the specific requirements or expectations of the consumer. The consumer assumes complete responsibility for any decisions made or actions taken based upon information obtained using the Programs. Any statements made concerning the utility of the Programs are not to be construed as express or implied warranties.

Coleco makes no warranty, either express or implied, including any implied warranties of merchantability and fitness for a particular purpose, in connection with the Programs, and all Programs are made available solely on an "as is" basis.

In no event shall Coleco be liable to anyone for incidental, consequential, contingent or any other damages in connection with or arising out of the purchase or use of the Programs and the sole and exclusive liability, if any, of Coleco, regardless of the form of action, shall not exceed the purchase price of the Digital Data Pack or Disk. Moreover, Coleco shall not be liable for any claim of any kind whatsoever by any other party against the user of the Programs.

This warranty gives you specific legal rights, and you may have other rights which vary from State to State. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

SERVICE POLICY

Please read your Owner's Manual carefully before using your Digital Data Pack or Disk. If your Digital Data Pack or Disk fails to operate properly, please refer to your Owner's Manual. If you cannot correct the malfunction **after** consulting this manual, please call Customer Service on Coleco's **toll-free service hotline: 1-800-842-1225 nationwide**. This service is in operation from 8:00 a.m. to 10:00 p.m. Eastern Time, Monday through Friday.

If Customer Service advises you to return your Digital Data Pack or Disk, please return it postage prepaid and insured, with your name, address, proof of the date of purchase and a brief description of the problem to the Service Center you have been directed to return it to. If your Digital Data Pack or Disk is found to be factory defective during the first 90 days, it will be repaired or replaced at no cost to you. If the Digital Data Pack or Disk is found to have been consumer damaged or abused and therefore not covered by the warranty, then you will be advised, in advance, of repair costs.

If your Digital Data Pack or Disk requires service after expiration of the 90 day Limited Warranty period, please call Coleco's toll-free service hotline for instructions on how to proceed: **1-800-842-1225 nationwide**.

IMPORTANT: SAVE YOUR RECEIPTS SHOWING DATE OF PURCHASE.



ColecoVision® is a registered trademark of Coleco Industries, Inc.
SmartBASIC™ and **ADAM™** are trademarks of Coleco Industries, Inc.

1984 Coleco Industries, Inc. All Rights Reserved.

Printed in the U.S.A.