

UNREAL SOFTWARE COMPANY PRESENTS

# CONVERT

Version 1.0

COPYRIGHT 1985 SAGE ENTERPRISES  
ALL RIGHT RESERVED

SOFTWARE IDENTIFICATION NUMBER

**NOTE:** The copying and distribution of copyrighted software is **ILLEGAL**. Copyright laws allow you to make backup copies or conversions for your own personal use only. Persons who give or sell copies of this program to another person are guilty of a criminal act and may be subject to a penalty of \$50,000. Anyone found to be violating this copyright shall be prosecuted.

IBM is a trademark of International Business Machines, Inc.; Zenith 100 is a trademark of Zenith Data Systems; TRS-80 is a trademark of Tandy/Radio Shack; CP/M is a trademark of Digital Research; Coleco, ADAM, Super Game, SmartFiler, SmartWriter, SmartLogo, SmartBASIC, Donkey Kong, Donkey Kong Jr., Buck Rogers, Smart Letters and Forms, Dragon's Lair, Recipe Filer, ADAMCalc, and ExperType are all trademarks of Coleco Industries, Inc.

Unreal Software Company and Sage Enterprises are not affiliated with Coleco in any way.

## LIMITED 90 DAY WARRANTY

Sage Enterprises will replace this software for a period of up to 90 days from date of purchase. If this product fails to load or is otherwise damaged during the warranty period, simply return it to Sage Enterprises, Rt. 2, Box 211, Russellville, MO 65074 and we will send you a replacement. PLEASE include a description of your system and details of the problems you encountered.

This warranty is valid only for registered owners of CONVERT. If you did not buy CONVERT directly from SAGE ENTERPRISES then you should immediately notify us. To register your software send us your name, address, software ID # (see cover), the date of purchase and the name of the company from which it was purchased.

This product was developed by Unreal Software Company in association with Sage Enterprises for the specific purposes described in these instructions and therefore accepts no liability for the misuse of this product. The specific limitations and purposes of this software are detailed in these instructions. PLEASE READ THE WARNINGS AND INSTRUCTIONS CAREFULLY BEFORE PROCEEDING.

### PRODUCT DESCRIPTION

CONVERT transfers data and programs between ADAM CP/M and the following Single-Sided Double-Density CP/M formats:

Zenith 100 CP/M 85  
TRS-80 Model IV CP/M +  
IBM PC CP/M-86

CONVERT does not support any other formats or software written for any operating system except CP/M 2.2 generic software. CONVERT requires an ADAM equipped with SmartBASIC, a minimum of one data drive and one disk drive, and CP/M 2.2.

NOTE: Your ADAM can only run programs that are CP/M 2.2 compatible. These programs are commonly called generic CP/M 2.2 programs. ADAM cannot generally run programs that were written for other versions of CP/M or that has been specially configured for another computer. Most dealers and suppliers of CP/M programs have the capability of supplying CP/M 2.2 software on a variety of disk formats. Unfortunately, few companies can supply such software in the ADAM format. Most such companies can supply CP/M 2.2 software in the formats that CONVERT can read.

When buying such software make sure that you get a generic CP/M 2.2 version copied to one of the three formats listed above. DO NOT buy CP/M+, CP/M 85 or CP/M 86 software that is not fully CP/M 2.2 compatible.

CONVERT requires at least one disk drive and one data drive. The best arrangement is to have two disk drives, although this is not necessary.

In addition to copying programs from the three formats to the ADAM format, you can also transfer data files.

How does CONVERT work? CONVERT reads the necessary tracks of one disk and manipulates the information in order to put it into the format ADAM needs. CONVERT copies an entire disk. If you do not need all of the information copied, you can use CP/M to delete that information.

## INSTRUCTIONS

Many of you will want to use CONVERT as soon as you can but because of the nature of this program, it is urgent that you read the instructions and warnings carefully before running the program. Failure to insert the proper media in the proper drive can result in the loss of important programs and files. You should also make a backup copy of the CONVERT disk or data pack. We recommend using PACKCOPY or another backup utility to make a backup copy or you can follow these instructions for making a backup copy.

### BACKING UP CONVERT

First load SmartBASIC according to the instructions in your ADAM manual.

Remove the SmartBASIC disk or data pack.

Insert your CONVERT disk or data pack in the appropriate drive (d1 for data pack, d4 for disk).

Use the CATALOG command to list the directory of the CONVERT media. The following files should be listed: CONVERT and MLMOD.

Next type in the following commands:

```
BLOAD MLMOD, A29860
```

Insert the media you plan to use to store your backup copy of CONVERT. Type in:

```
BSAVE MLMOD, A29860, L140, d?
```

The "d?" indicates the drive number where MLMOD will be saved, you should specify the appropriate drive according to the instructions for this command in your ADAM manual (d1=data drive 1, d2=data drive 2, d4=disk drive 1, d5=disk drive 2).

Insert your CONVERT media in the appropriate drive and type in:

```
LOAD CONVERT, d?
```

Insert your backup media in the appropriate drive and type in:

```
SAVE CONVERT, d?
```

You should now put your original CONVERT away in a safe place and use your backup copy for daily usage.

### RUNNING CONVERT

In order to use CONVERT you must first load SMARTBASIC. Unfortunately some early versions of SMARTBASIC contain defects that will not allow you to run CONVERT and other Basic programs. To determine if you have a current version of SMARTBASIC do the

following: Load SMARTBASIC according to the instructions that accompanied your ADAM; remove SMARTBASIC when it is loaded; then type in the following line:

```
PRINT PEEK(260)
```

Press RETURN after you enter the line. A number will be printed on your screen. If it is less than 79, then you have an old version of SMARTBASIC. Do NOT attempt to use CONVERT unless the number printed is 79 or higher. If you have an old version of SMARTBASIC, you can obtain a current version from either Coleco or a Honeywell service center.

If everything is OK at this point then you can proceed. Insert your CONVERT disk or data pack in the appropriate drive.

If CONVERT is on a data pack then you should type in the following commands to load and run the program:

```
LOAD CONVERT, d1  
RUN
```

Then follow the instructions provided on screen and in this manual.

If CONVERT is on a disk then you should type in the following commands to load and run the program:

```
LOAD CONVERT, d5  
RUN
```

Then follow the instructions provided on screen and in this manual.

## DEFINITIONS

**Source Media:** your original data pack or disk that contains the programs and/or data you wish to convert to another CP/M format.

**Destination Media:** the blank formatted data pack or disk that will receive the data and/or programs from the source media.

\*\*\*\*\*

### WARNING

\*\*\*\*\*

1. CONVERT is an image copy and translation program, it copies the entire contents of a disk or data pack to another disk or data pack. If the Destination Media contains any information it will be DESTROYED by CONVERT. Copy only to a formatted disk or data pack that is blank or that contains information you no longer wish to keep.

2. CONVERT will NOT copy the system tracks of your disk or data pack. These tracks may contain the CP/M operating system for a particular computer.

3. All media used by CONVERT must be in CP/M format. ADAM disks and data packs must be formatted using the CP/M format option provided in your CP/M software before using CONVERT. All IBM CP/M 86, ZENITH CP/M 85 and TRS80 IV CP/M+ disks must be SINGLE SIDED DOUBLE DENSITY. If you are copying ADAM CP/M software to one of these other formats, then the destination disk should have been formatted on the appropriate computer using the appropriate CP/M and must be SINGLE SIDED DOUBLE DENSITY format. When formatting disks you should ALWAYS use the verify option to insure that the media does not include any bad blocks. (NOTE: If you wish to copy from ADAM CP/M format to one of these other CP/M formats, you can use a disk that has been formatted using the ADAM DOS for your destination media. While this procedure is not recommended, it will usually work.)

4. Because data packs and disks may be damaged or exposed to electromagnetic radiation during shipping, caution should be exercised when first using a data pack or disk. Should a data pack be difficult to insert or perform unusually when loading, remove it from your computer immediately.

5. NEVER attempt to copy data packs or disks that will not load. Any media that produces I/O ERRORS should never be used in the copy process. Use only high quality formatted blank data packs and disks.

6. Should a data drive or disk drive malfunction during the copy process, you may interrupt the process by holding down the CONTROL key and pressing the C key at the same time. Once the program terminates remove media from all drives, then reload SMARTBASIC and CONVERT before proceeding. If this procedure does not work then press the GAME CARTRIDGE reset button to stop the process.

7. Always turn on all disk drives before turning on ADAM.

8. We recommend using CONVERT with two disk drives. Although copying between a disk and data drive will normally not present any problems, the data drives are more prone to producing errors than are the disk drives.

9. NOT ALL CP/M programs will run on the ADAM. Most CP/M 2.2 Public Domain programs will run on the ADAM without modification. Commercial CP/M programs will often present problems, especially if they use machine specific features, such as graphics or color. Because of the wide differences in programming practices we cannot guarantee that any particular program will run on the ADAM after using CONVERT. Generally data files can be copied regardless of the version provided it is in one of the specified formats.

## CONVERT OPTIONS

After you have typed in the LOAD and RUN instructions for CONVERT, the program will load the machine language component (MLMOD) and your screen will change color. After a few seconds the first option screen will appear with a blue background. You should remove your CONVERT data pack or disk before entering any option choices.

CONVERT provides you with the following options:

- 1 - List Directory Only
- 2 - Copy Files to ADAM CP/M
- 3 - Copy Files from ADAM CP/M
- 9 - Exit from Program

Select the option you wish to use. If you select 1, you will be asked to indicate the drive and format of the media.

If you select 2 or 3, you will be asked to specify source and destination drives as well as the format of the foreign media.

At each of these prompts, you will have the option of returning to the main menu. In the copy options you will have a final opportunity to abort the copy and return to the Main Menu after you have specified the parameters for the copy. This is sort of a failsafe option that allows you one more chance to abort the copy in the event you have made a mistake and selected the wrong drives or media. ALWAYS carefully read the messages presented on your monitor before entering a command. At the completion of these options the program will always return to the Main Menu.

**NOTICE:** The process of moving files to or from ADAM format is relatively complex and will therefore require more time than other copy utilities. Never leave your ADAM unattended while copying software or running any programs that take an extended period of time to complete. Also remember that all electronic equipment produces heat and is affected by heat. Keep ADAM cool and your computer will last you a long time.

This completes the instructions for running and using CONVERT. We hope that you will find this program useful.

Dear ADAM Owner:

Thank you for buying our software. We hope it will be a useful addition to your ADAM software library. In addition to developing software for the ADAM, we also publish EXPANDABLE COMPUTER NEWS (ECN), a bi-monthly ADAM only publication.

ECN was the first ADAM only publication and includes programs, reviews, technical information, user group news, new product developments, public domain software, articles and more. If you would like to know more about ECN, write us and we will send you a free sample copy. Subscriptions are currently \$12.00 for 6 bi-monthly issues. We think it is a buy that is hard to beat.

In the future we also will be producing more software for the ADAM, including utilities, business programs, development tools and more. Please feel free to write us and let us know what type of software products you would like to see made available.

Because we receive a large volume of mail, we can only answer those letters that include a self-addressed, stamped return envelope.

Thank you for your support.

SAGE ENTERPRISES

**SAGE ENTERPRISES**  
EXPANDABLE COMPUTER NEWS  
ROUTE 2, BOX 211 RUSSELLVILLE, MO. 65074