


Advanced Disc Toolkit

The Advanced Disc Toolkit for Acorn Computers

The most comprehensive Toolkit ROM compatible with:

- * BBC, BBC B+, Electron, Master Series & 
- * 6502, Z80, 32016 Second Processors
- * 65C102, 80186 Co-Processors
- * DFS 0.90, DNFS 1.20, 1770 DFS, ADFS, ECDNET (including fully Acorn compatible DFS's)
- * Acorn Winchester hard disc
- * Shadow RAM, sideways RAM

Over 30 commands in 16 Kb of compact machine code featuring:

- * ADFS disc utilities in ROM
- * disc commands automatically operate in DFS and ADFS
- * memory editor operates on both sides of Tube
- * bi-directional hex/ascii/65C02 disassembler editor
- * memory/disc editor operates in 40 and 80 column modes
- * memory editor can access all ROMs, sideways RAMs
- * transfer files between DISC, TAPE, NET, etc.

Very well received by the media, reviewers & users

- * "Take a close look at ADT it's superb" - (Database Publications)
- * "This Rom is an absolute winner!" - (Viewfax Tubalink PRESTEL)
- * "It's excellent value for money" - (Acorn User)
- * "It has just about every utility you're likely to need" - (Database Publications)
- * "It is superb... it gets 10/10" - (Professional user London)
- * "Is extremely versatile and handles the roms & tube better than anything else I know" - (Business user Wilts.)
- * "Delighted with the facilities in ADT" - (Surrey user)

ADT The Advanced Disc Toolkit

SUMMARY

ADT is a powerful utility ROM for disc and non-disc users. It contains over 30 useful commands considered to be the most important utilities for any system. It has the intelligence to work in any filing system, such as TAPE, DFS, ADFS, or ECONET and also with any Acorn Machine, such as BBC B, B+, Electron, Master Series and Compact.

ADT features commands to format and verify discs in both DFS and ADFS and a disc sector editor to alter any sector on a disc. Lost files can be recovered with another command which will read or write sectors from a disc without the use of a catalogue. Files can be transferred from one filing system to another, eg with one command all files on TAPE could be transferred to DISC, including LOCKED files, or even files held on a DFS disc could be transferred to an ADFS disc, or vice versa.

A menu command allows file and directory names from disc to be listed onto the screen and a pointer can be moved around the screen to select and automatically load or run a particular file, even below PAGE or in sideways RAM. If the entry is a directory, then the files from that directory will be listed onto the screen. Other keys can be pressed to return back to the previous directory, to enter the parent directory or to enter the root directory. In this way, any file in any directory can be found and run very easily.

ADT also contains a very powerful memory editor and disassembler. This command can display memory in any screen mode and in a number of different formats, such as ascii, hexadecimal, 65C102 disassembler or a combination of ascii and hexadecimal. Memory can be examined from normal IO memory including the sideways ROMs as well as memory from a second processor or co-processor, such as the 6502, Z80, J2016 or 30186.

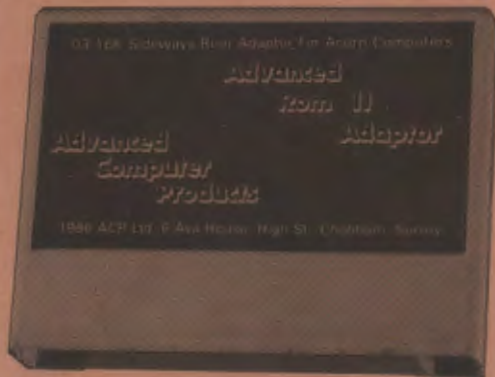
ADT contains many other commands including commands to load or run files below PAGE, load files into sideways RAM, to change a files load/execution addresses, to move memory from one address to another, to search a BASIC program, memory or a disc for a string, to display the free and used space and files on a disc, to compare two disc or files, to list the function key and envelope definitions, to list the sideways ROMs and to unplug sideways ROMs.

(product specification subject to change without prior notice)

Advanced Computer Products Ltd., 6 Ave House, High Street,
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ADVANCED ROM ADAPTOR II

Our versatile cartridge continues to grow in popularity and demand. This ROM/EPROM adaptor is a quality product fully enclosed in an Acorn approved casing, providing full protection for your valuable firmware! A.R.A. 2 not only allows 8K (2764) & 16K (27128) ROMS/EPROMS but also supports 27513 & 27011 devices (when used with the correct software) for which we are currently developing new products. Fully compatible with the Master Computer & Electron Plus 1



The best ROM cartridge is by far the ACP ARA II, and this would be suitable for use in schools since the EPROMs are fully enclosed, and away from prying fingers.

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ADVANCED ELECTRON DFS

The Advanced Electron Disc Filing System

A filing system ROM for the Electron computer fitted with Plus 1 and Plus 3. **A.E.D.** gives Electron users Acorn DFS compatibility. Using **A.E.D.**, software suitable for the Electron can be run from a 3 1/2 inch DFS disc or a 5 1/4 inch DFS disc when a secondary 5 1/4 inch drive is connected to the Electron Plus 3.

A.E.D. features include:

- * 1770 DFS compatibility
- * disc format and verify commands
- * allows 40 track discs to be read by 80 track drives
- * OSWORD & 7F emulation including read, write and format commands.
- * designed to operate with ADFS

A.E.D. commands:

- *ACCESS - sets or unsets file protection on a named file
- *BACKUP - backs up a disc onto another
- *CLOSE - closes all open files
- *COMPACT - moves all free disc space into one block
- *COPY - copies a file or files onto another disc
- *DELETE - removes a named file from the disc
- *DESTROY - removes specified files from the disc
- *DIR - changes the current directory
- *DRIVE - changes the current drive
- *EX - displays file information for a specified directory
- *FORM - formats a disc
- *FREE - displays free and used disc space in sectors and bytes
- *INFO - displays file information for a file or group of files
- *LIB - changes the current library
- *MAP - displays a map of the free disc space
- *RENAME - changes the name of a file
- *TITLE - changes the title of a disc
- *VERIFY - verifies all sectors of a disc for legibility
- *WIPE - removes specified files from a disc

A.E.D. utilities:

- *BUILD - creates an EXEC file
- *DUMP - displays a file in hex and ascii
- *LIST - lists a text file with line numbers
- *ROMS - catalogues the sideways ROM sockets
- *TYPE - lists a text file without line numbers

Note: **A.E.D.** utilities can also be used by ADFS

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ADVANCED PLUS 5 (A.P.5.)

User Port

provides the same I/O as the BBC (some different addressing exists in the Electron) so that various graphic & CAD devices (i.e. MOUSE) can be used.

1 MHz Bus

allows the connection of various memory devices & control applications also EPROM programmers.

TUBE Interface

adds the facility of connecting a SECOND PROCESSOR with an extra 64K RAM and a dramatic increase in speed.

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