ADAM'S

DESK TOP

W.S.C.

Walters Software

USER
MANUAL

Version 1.0

ADAM'S
DESK TOP

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Introduction

The **ADAM'S DESK TOP** program from Walters Software Co. brings a new modern way for Adam users to use their computer. The EOS operating system that every Adam contains was in fact one of the first graphic operating systems available for any home computer. Take a look at SmartWRITER, it sure contains a lot of graphics, and all done with the EOS operating system. ADAM'S DESK TOP uses a modified EOS operating system to bring you a graphics desk top program to make your Adam work better for you, the Adam user. Options include ramdisk setup, init and reset. Standard Adam operating system with or without dot matrix printer routines, SmartDSK operating system. SmartWRITER setup with ramdisk and Dot matrix printer. Boot tools that allow you to boot almost any program from the ramdisk. A media can now contain as many bootable programs that there is room for, (block space). Copy tools that will backup a larger drive to a smaller drive by using more than one media. Quick ramdisk load and save options, and more. ADAM'S DESK TOP is also available in a Walters Software cartridge which makes it part of the Adam system. Pull the cartridge reset and the DESK TOP is ready to make using your Adam easier.

Starting Adam's Desk Top, (Disk/D.D.p.)

[1] Turn on your Adam computer and accessories, (an epson compatible printer, or Adam printer is required to print. A memory expander is required for the ramdisk, but not required to use the program).

[2] Insert the Desk Top media into a drive and pull the computer reset switch toward you.

Starting Adam's Desk Top, (cartridge)

[1] Turn your Adam computer off, and insert the cartridge into the cartridge slot.

[2] Turn on your computer, and pull the cartridge reset switch toward you.

[3] In a few moments the title screen will appear.

ADAM"S

" DESK TOP "

Select Options !

	V Reserve One Bank	VI Full Size

[1] Select the **Reserve One Bank** option if you plan on using a program that uses the 64K expander. This will reserve the last bank of 64K if your expander is a 128K or larger. You will not be allowed to save files to this area.

[2] Select the **Full Size** option to use the entire expander as a ramdisk.

Main Menu

	IV Exit Program	V About Program	VI Toolbox

[1] Use the **Exit Program** option to exit the Desk Top program.

[2] Use the **About Program** option to view the program information. Push smartkey (VI) to return to the Main Menu.

[3] Push smartkey (VI), the **Toolbox** to start the program.

ToolBox Menu

II Ramdisk Tools	III Boot Tools	IV Copy Tools	V Previous Menu	VI Copy Right

[1] Use the **Ramdisk Tools** option to init, reset, load, or save the ramdisk.

[2] Use the **Boot Tools** option to boot a program, drive or SmartWRITER.

[3] Use the **Copy Tools** option to backup a media, file or set up a boot file.

[4] Use the **Previous Menu** option to return to the Main Menu.

[5] Use the **Copyright** option to view the Copyright and program information.

[6] Push the Escape/WP key to return to the ToolBox Menu from almost anywhere in the program.

III Init Ramdisk	IV Load Ramdisk	V Save Ramdisk	VI Previous Menu

Init Ramdisk

[1] Use the **Init Ramdisk** option to initialize the ramdisk. This cleans the directory of all files.

[2] Use the **Reset Ramdisk** option to reset the ramdisk from full size or reserve one bank. This option will not destroy the files already in the ramdisk directory.

Load Ramdisk

[1] Use the **Load Ramdisk** option to copy a disk or data pack contents to the ramdisk.

Save Ramdisk

[1] Use the **Save Ramdisk** option to copy the contents of the ramdisk to a disk or data pack.

Media setup for Load ramdisk option

[1] Use a fresh disk or data pack. Initialize the directory with the amount of catalogs that you will need. If a 64K expander is used, 1 directory is best, a 256K works best with 2 if your files are large, or 3 if your files are small.

[2] Copy the files and programs that you wish to have in the ramdisk to the freshly initialize media. You can now load this media to the ramdisk if the blocks used is not larger than the ramdisk size.

[3] If the ramdisk size is larger than the media size and you wish to load more at a time, use the **Copy Media** option.

III Boot Drive	IV Smart Writer	V Boot Program	VI Previous Menu

Boot Drive

[1] The **Boot Drive** option will boot any drive and let you select the operating system, SmartDSK, Standard dot matrix printer or Standard Adam printer.

SmartWRITER

[1] Use the **SmartWRITER** option to use the SmartDSK operating System and select either ramdisk or data drive II, and the Adam printer or a dot matrix printer.

Boot Program

[1] Use the **Boot Program** option to boot a file loading program that was set up using the **Make Boot** option. A bootable file must contain the (.FL) suffix.

Operating Systems

[1] The **SmartDSK Operating System** is a new Adam operating system developed by Walters Software. It contains ramdisk and dot matrix printer drivers. It is also more compact and efficient, SmartWRITER works faster and better when using it. Almost all Walters Software programs use this system.

[2] The Standard dot matrix operating system is the one contained in every Adam with a dot matrix printer routine installed.

[3] The Standard Adam operating system is the one contained in your Adam.

III Copy Media	IV Copy File	V Make Boot	VI Previous Menu

Copy Media

[1] The **Copy Media** option will backup a larger drive to a smaller drive by using additional smaller medias. If you are trying to backup a 256K ramdisk to a 160K disk drive, it would take 2 disk (320K) to completely back up the ramdisk.

[2] To use the **Copy Media** option first make sure your destination medias are freshly initialized. If the backup uses more than 1 destination media, you will have to number them in order to use them to load the source drive later.

Load Drive

[1] The **Load Drive** option is used to load a drive with files. The source is the drive that contains the files or programs. The destination is the drive that will receive the contents of the source drive. The source can include more than one media.

Save Drive

[1] The **Save Drive** option will save the contents of a drive to another. The source drive is the one that contains the files or programs to be saved. The destination drive is the drive to receive the files. The destination medias must be freshly initialized and numbered if more than 1 is to be used.

Copy File

[1] The **Copy File** option is used to copy a file using the exact file name or a new name that you type in. When copying a file to be used with a boot file the program file name must be exactly as the one in the boot. If it is not, the program will not boot. Some file utilities do not work correctly.

Make Boot

[1] The **Make Boot** option will allow you to make a boot file that will boot a file loading program. SmartBASIC is such a program.

[2] The **Make Boot** option will produce a boot file name with a (.FL) suffix. An example (BASIC1.FL). This file along with the BASICPGM program will boot SmartBASIC from a disk, data pack or ramdisk. The advantage of this is, it doesn't matter where the files are located on the media. This lets you put several file loading programs on one disk, data pack or ramdisk.

Setting up SmartBASIC

[1] First choose a media to recieve the new files. It can contain files, but must contain room for the boot file and program file. It must also contain file name space for 2 files.

[2] Insert the SmartBASIC media into a drive.

[3] Select the **Copy Tools** option from the ToolBox Menu by pushing smartkey (IV).

[4] Select the **Make Boot** option from the Copy Menu by pushing smartkey (V).

[5] Select the drive by pushing the corresponding smartkey of the drive that contains the SmartBASIC media.

[6] Type in a file name, and push smartkey (V), (BASIC1), works great for SmartBASIC 1.

[7] Select the device to receive the boot file.

[8] If everything was correctly done you should see the **File Save Complete** message on the computer screen.

[9] Using the **File Copy** option copy the BASICPGM file to the media that contains the boot file.

[10] Using the **Boot Program** option, select the boot file you just made and SmartBASIC 1 will boot from that media.

Coleco Boots

[1] Also contained on the Desk Top media is three boot files for Coleco programs. AdamLink 2, Smart Letters, and FlashCard Maker. You can also use a block copy program like TOOLKIT from SmartDSK III to copy the boot file to the originial program. SmartDSK III is a Walters Software ramdisk and utility program for SmartBASIC 1 and 2. It is available direct or from most Adam computer stores.

File Names

[1] File names for programs must be correct inorder for the program to boot. The boot file can be named anything you wish, but the program name must be exact. Some file utilities insert hidden spaces, these show up as a (32) when using TOOLKIT from SmartDSK III.

[2] You may wish to have a program that uses the same program name, on the same media. You must then change the program name in both the boot file and the program name. For SmartBASIC 2, I use the program name BASICPGM2. You must also change the program name in the boot file with a block editor, like TOOLKIT.

File Loading Programs

[1] File loading programs are programs that can be moved anywhere on a media and still boot. The boot looks in the directory for the file name and where the program is located on the media. It uses this information to load and boot the program. Almost all of Walters Software programs are now file loading. The ones that were block loading have been upgraded.

Software Program

[1] Some software programs contain more than one file. A program file, screen file, picture file and setup file could be part of the software program. All the files belonging to the software program must be on the same media inorder for the program to boot and work correctly.

Using A Block Loading Program

[1] A block loading program must be in the exact block location inorder for the program to load and boot correctly. If you have a program, and would like to boot it from the ramdisk, copy the program to your ramdisk load media, using a copy program like COPY from SmartDSK III. Then copy the rest of the files that you want in the ramdisk with a file copy program like MANAGER from SmartDSK III.

Modifing a Boot

[1] Modifing a boot is not as hard as most Adam users think. A good block editor like TOOLKIT from SmartDSK III works great. TOOLKIT displays the contents in decimal and ascii, this makes it much easier for novice Adam users to work with. The program boot is always located in block 0 of a media. Within this boot is the program file name. The name will appear in ascii and decimal. Using the same beginning as the original name type in your new name, file type and a (3). The (3) marks the end of the file name.

An Example

30000	80	P
30001	114	r
30002	111	o
30003	103	g
30004	114	r
30005	97	a
30006	109	m
30007	72	H
30008	3	.

Device Error Messages.

(1). DCB not found, can't find device.
(2). DCB busy.
(3). DCB idle error.
(4). No date.
(5). No file.
(6). File name exists .
(7). No FCB.
(8). Match error.
(9). Bad file number.
(10). EOF error.
(11). Too big error.
(12). Full catalog.
(13). Full media.
(14). File NM error.
(15). Rename error.
(16). Delete error.
(17). Range error.
(18). Can't sync1.
(19). Can't sync2.
(20). Prt error, file locked.
(21). Tape stat error.
(22). Device stat error.
(23). No program.
(24). No catalog on media.