

BOOT DISK CHANGER UTILITY

This program is released under the FAIRWARE concept.

In other words, this program is NOT public domain. The program may be freely distributed by private users and User Groups only, providing such distribution meets the following criteria:

- 1) No fee may be charged for a copy of this disk other than an amount not to exceed \$1.00 (1 blank disk)
- 2) All the original files must remain intact on the copy disk.

If you like this program, and use it, please send a fairware donation of \$10.00 to the address below. Your \$10.00 will go a long way to ensuring a plentiful supply of new software to meet your needs in the future. If you don't need or intend to use this program, please pass it along to a friend, keeping the above criteria in mind.

Scott Morrow
P.O. Box 1763, CFPO 5056
Belleville, Ontario
Canada
K0K 3R0

Boot Disk Changer Utility Ver. 2.1

How many times have you come across a program that you would like to run from a drive other than the one the program was written for?

How many of you Ramdisk owners have a drawer full of Assembly Language files that you would like to store and run from your ramdisk, but cannot because these programs insist on loading from DSK1?

How many times have you gone through an Extended Basic program looking for all the references to DSK1 in order to have it load files from another disk drive?

How many times have you gone through Assembly Language files with a disk sector editor looking for references to DSK1?

Using BDC (Boot Disk Changer) you can change all the DSK references in your Basic/Extended Basic programs, Program Image assembly language files, and D/F 80 assembly language Object files to whatever drive you wish to have them run from.

WARNING:

THIS PROGRAM CHANGES YOUR FILES BY DIRECTLY EDITING DISK SECTORS . ENSURE ALL CHANGES TO YOUR FILES ARE DONE ON A BACK UP DISK ONLY! DO NOT ALTER YOUR ORIGINAL DISK FILES!

Loading BDC:

To load BDC, simply insert BDC into DSK1 and select Extended Basic from the TI title screen. The program will then automatically load and run.

Once BDC is running, a menu will appear. Select items from the menu with E or D, then press enter.

NOTE: Should you wish to return to the main menu from any area, simply erase the input at any prompt (FCTN 3), or enter a blank answer to any prompt.

CATALOG DISK:

Catalogs disk to screen. Once catalog is displayed, a number of options are available. If you wish to mark a file, select the number corresponding to the filename. This filename, and the drive which has been cataloged will become the defaults in the ALTER FILE and PRINT FILE area, depending on the type of file selected, until a new file has been marked.

If the catalog contains more than 9 entries, pressing <N> will scroll to the next page. <E> returns the user to the main menu.

PRINT FILE:

Prints a selected D/V 80 or D/F 80 file to the printer. To return to the menu screen without printing a file, simply press ENTER without answering a prompt, or deleting (FNCT 3) the default prompt.

ALTER FILE:

This section changes the DSK references in your files.

When selected, a two choice menu will be displayed.

- 1) Alter D/F 80 Object file
- 2) Alter Program Image file

If the file to be altered is a Display Fixed 80 format Object File, select choice 1. You will then be prompted for a filename. Enter the name of the file you wish to alter. Next, enter the drive number where the file is located, then drive number you wish to have all the DSK references changed to. BCD will then proceed to locate all the references to DSK and change them to the drive number you specified. Once completed, the changed lines will be re-saved to the disk over the old file. BDC can only change the DSK references in UN-COMPRESSED format D/F 80 Object files. If the file is in Compressed format, BDC will issue a message to that effect, and return you to the main menu.

If the file to be altered is a BASIC, EXTENDED BASIC, or PROGRAM type Assembly File, select choice 2.

You will then be prompted for the name of the file, the drive to search for the file, and the drive number you wish to change the DSK references to. As before, BDC will then search the selected drive, find the file, alter the references, then save the file back to the disk over the old file, then return to the main menu screen. Unfortunately, because of the routines used, PROGRAM type files stored on a device located above CRU 1000 cannot be altered. This applies mainly to owners of 2 Horizon Ramdisks. The second HRD will not be detected for program type files.

Helpful Hints:

If you wish to change the boot drive of a program which uses a number of smaller files, copy all the files onto a backup disk and have BDC search each file for boot references. Then re-copy the files to the intended drive. Many programs have DSK references in more than one file.

In order to properly alter a PROGRAM type file, the file must be stored on the disk in one continuous file, ie. NOT A FRACTURED FILE. To ensure this, use a file-by-file copier such as DM1000 to copy your files to a BLANK backup disk to be altered.

BDC will only change references to DSK when it is followed immediately by a number from 1 to 9. For Example,

BDC will recognize and change:

DSK1,DSK5,DSK8, etc.

but will ignore DSK.TEST.LOAD

BDC will also change any references to DSK that are within the text of a program, for example:

```
10 CALL CLEAR
20 PRINT "Please insert disk into DSK1"
30 RUN "DSK1.BDC"
```

In this example, both the reference to DSK1 in the text of line 20 and the RUN reference in line 30 will be changed to the new DSK number.

A few of the more complex programs load their files by reading data on a sector by sector basis. In these programs, there are no references to DSK, and therefore BDC cannot alter these files. Fortunately, these loaders are few and far between.

If you have any comments or suggestions for future versions, please feel free to write to me at the above address. All letters will receive a prompt reply.

Scott Morrow