Alcohol 120% / 52% Manual
USER Manual

System Requirements

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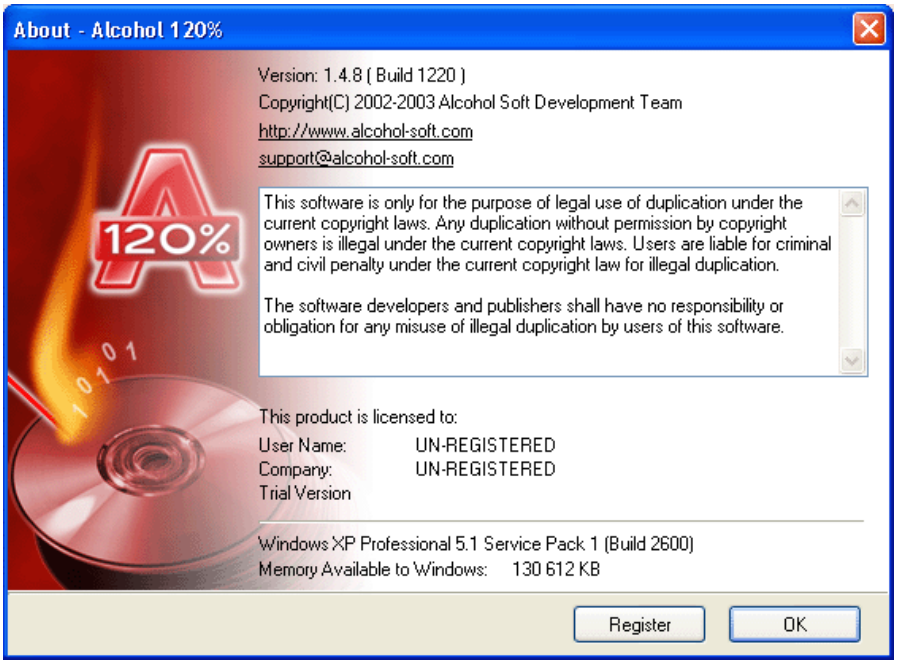
Download/Order
You can download the trial version of Alcohol 120% and Alcohol 52% (30 day trial) or place an order through www.alcohol-software.com. Here you can also find further information on Alcohol 120% and Alcohol 52%.

System Requirements
Please ensure your computer system meets the following requirements, otherwise Alcohol 120%/Alcohol 52% may not work properly:

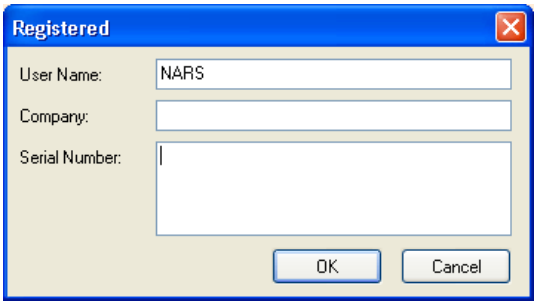
- Intel/AMD based PC with Windows 95/98/ME/NT/2000/XP/Server 2003 operating system. Windows 95 or Windows NT users, please pay attention as follow:
  1. Must install Internet Explorer 5.0 or later version
  2. Window NT 4.0 must update to Service Pack 5 or later version
  3. Windows 95 must be OSR2 or later version
- 32MB (or more) of RAM
- 10GB (or more) hard disk (a 74 minute CD image requires 650-700MB)
- One or more bus-mastering SCSI and/or ATAPI buses
- One or more CD-ROM/DVD-ROM drives. You can use a CD/DVD recorder as a reader with sufficient hard disk space
- One or more CD recorders (if you install more than 2 CD recorders, 700MHz CPU and 128MB RAM is recommended). Only required for Alcohol 120%.
- One or more DVD recorders (if you want to burn DVD format). Only required for Alcohol 120%.

Registering Alcohol 120%/Alcohol 52%

Following successful installation this screen will appear. Click on the "Register" button.



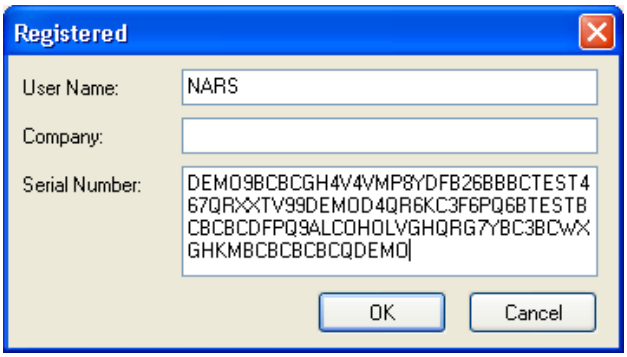
The following screen will appear.



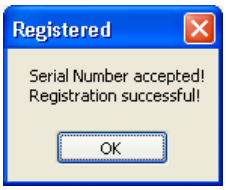
Now you need to copy and paste your serial number that came with your conformation of purchase e-mail into this box. Highlight your serial on your conformation email making sure that you do not have a gap at either end.

DEMO9BCBCGH4V4VMP8YDFB26BBBCTEST467QRXXTV99DEMOD4QR6KC3F6PQ6BTESTBCBCBCDFPQ9ALCOHOLVGHQRG7YBC3E

Set your cursor in the top left hand corner of the registration box and paste your number. Then click "OK"

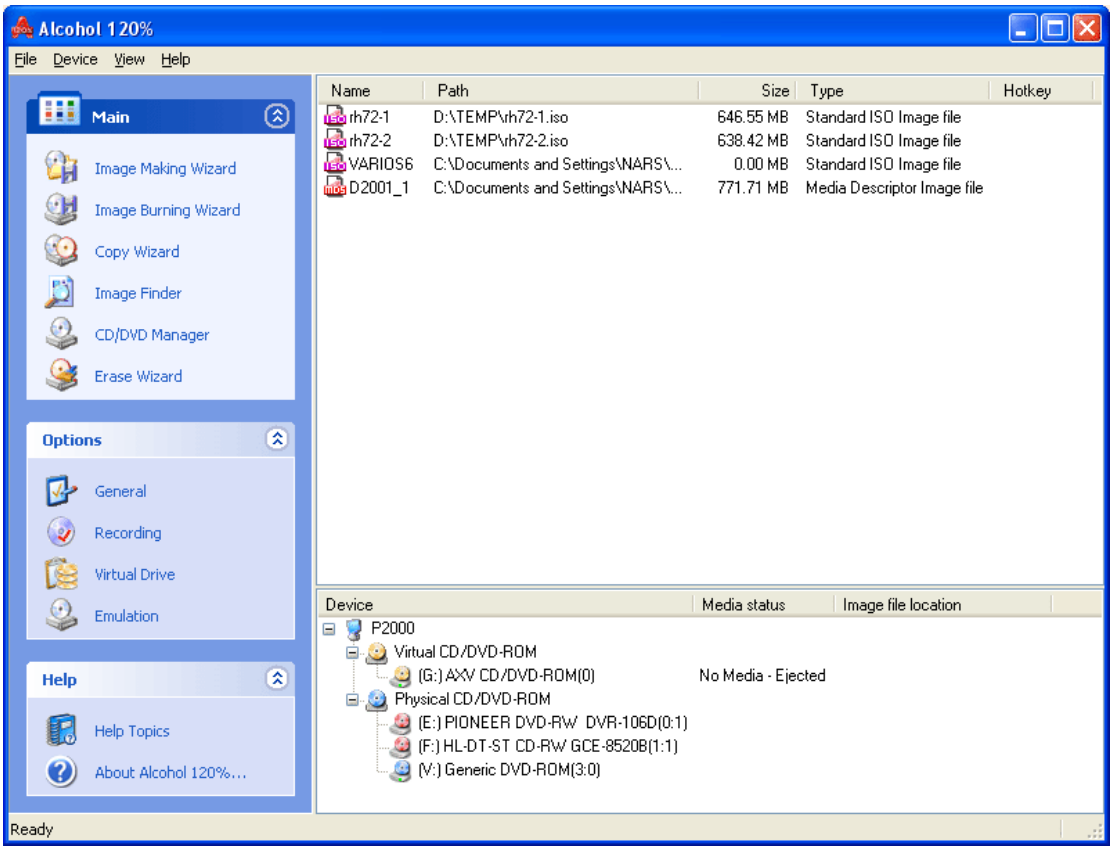


If you have carried out the procedure correctly you will see the following screen. Congratulations! You have now installed and registered Alcohol Software. Click "OK" and you are finished.

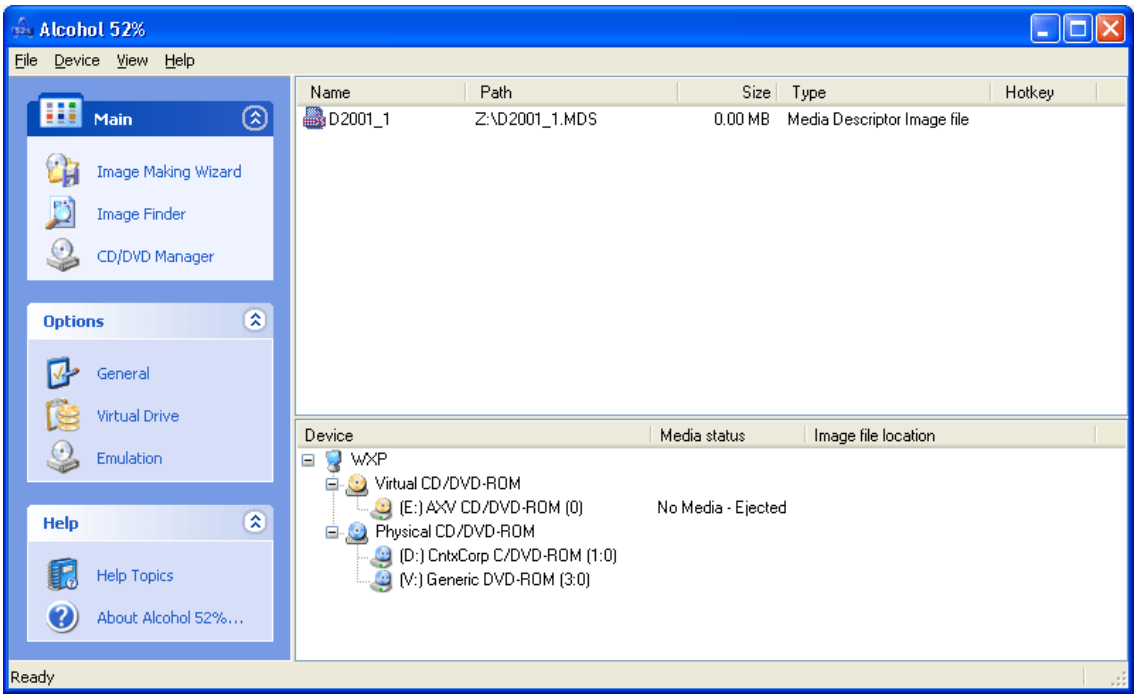


Main Window

This window opens when you start Alcohol 120%



This window opens when you start Alcohol 52%



There are twelve (12) main icons in the main window of Alcohol 120%, eight (8) in Alcohol 52%:

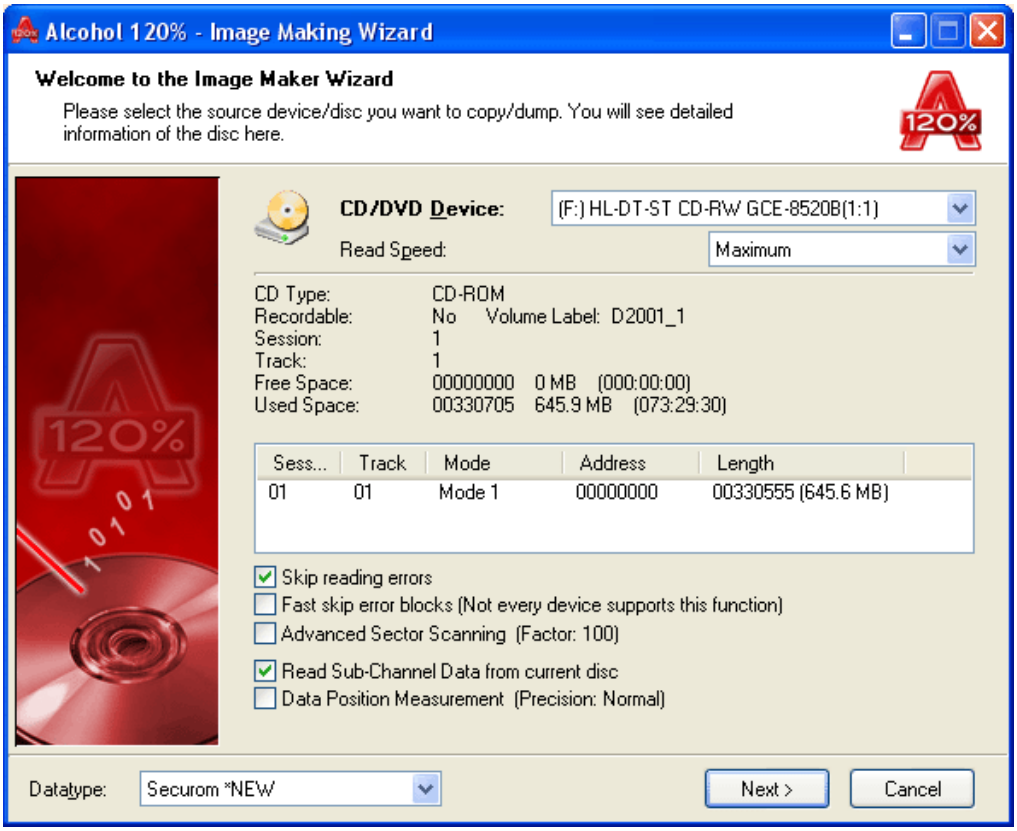
	Image Maker	Creates an image file from a source CD/DVD disc
	Image Burner	Burns an image file to a recordable CD/DVD disc **(only available in Alcohol 120%)**
	Copy Wizard	Copies a source CD/DVD to a recordable CD/DVD disc **(only available in Alcohol 120%)**
	Image Finder Wizard	Searches for image files on the hard disk drive
	Device manager	Shows information about CD/DVD devices and discs
	CD/DVD Erase Wizard	Erases CD-RW/DVD-RW/DVD+RW/DVD-RAM **(only available in Alcohol 120%)**
	Options General	Changes the General Options of Alcohol
	Options Recording	Changes the Recording Options of Alcohol 120% **(only available in Alcohol 120%)**
	Options Virtual Drives	Changes the Settings for Alcohol's Virtual Drives
	Options Emulation	Changes the Emulation settings in Alcohol
	User Manual	User Manual
	About	Shows software installation details

Additionally, the Main Window contains four (4) dropdown menus: File, Device, View and Help, which allow users to change settings and reach the User Manual.

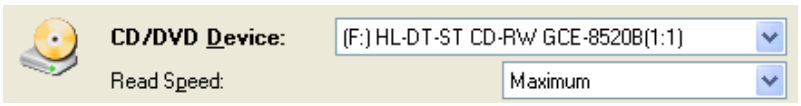
Image Maker

Creates an image file (*.mds is set as default) from a source CD/DVD disc. The image file can be burned onto a recordable CD/DVD disc.

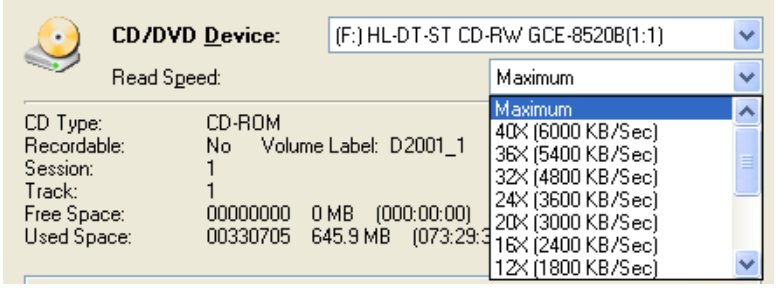
Insert the source CD/DVD into a CD/DVD drive. Click on the icon or select New from the "File" dropdown menu and the following window will appear.



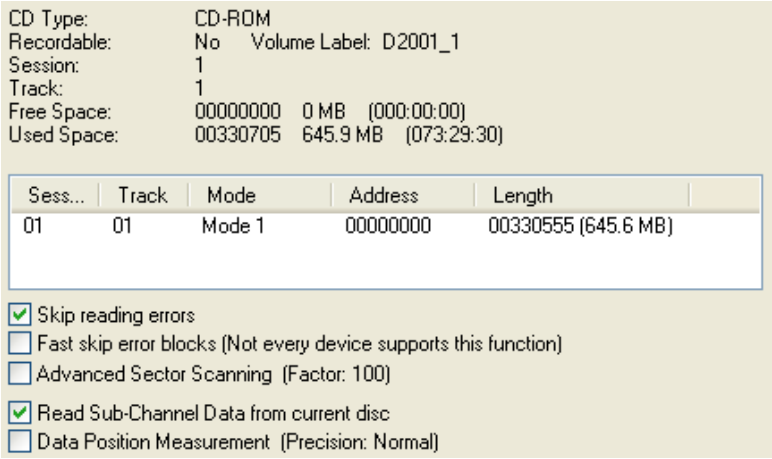
CD/DVD Device: Select the CD/DVD drive from the CD/DVD device list.



Read Speed: Once the CD/DVD drive is selected, choose the reading speed from the down-arrow point (maximum reading speed is set as default).



Media information: This window shows details of the inserted CD/DVD.



Skip reading errors (default): The source CD/DVD may have scratches or dust on the reading surface. If so, errors may occur during the reading process. It is suggested to select the "Skip reading error" feature, whenever you wish to create an image file (*.mds) onto your hard disk drive.

Fast skip error blocks (not every device supports this function) (optional): This option is mainly for special CD formats to speed up the image making process.

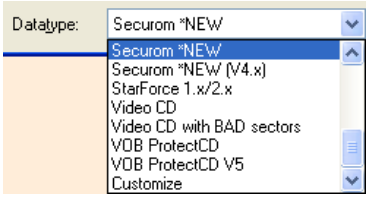
Advanced Sector Scanning: Skips large blocks of errors, boosting overall reading speed.

Read Sub-Channel Data from current disc (optional): This option is for special CD formats, as some data is stored in the sub-channel of the disc. Before selecting this function, you have to make sure what kind of datatype the source CD is (refer to datatype dropdown menu below).

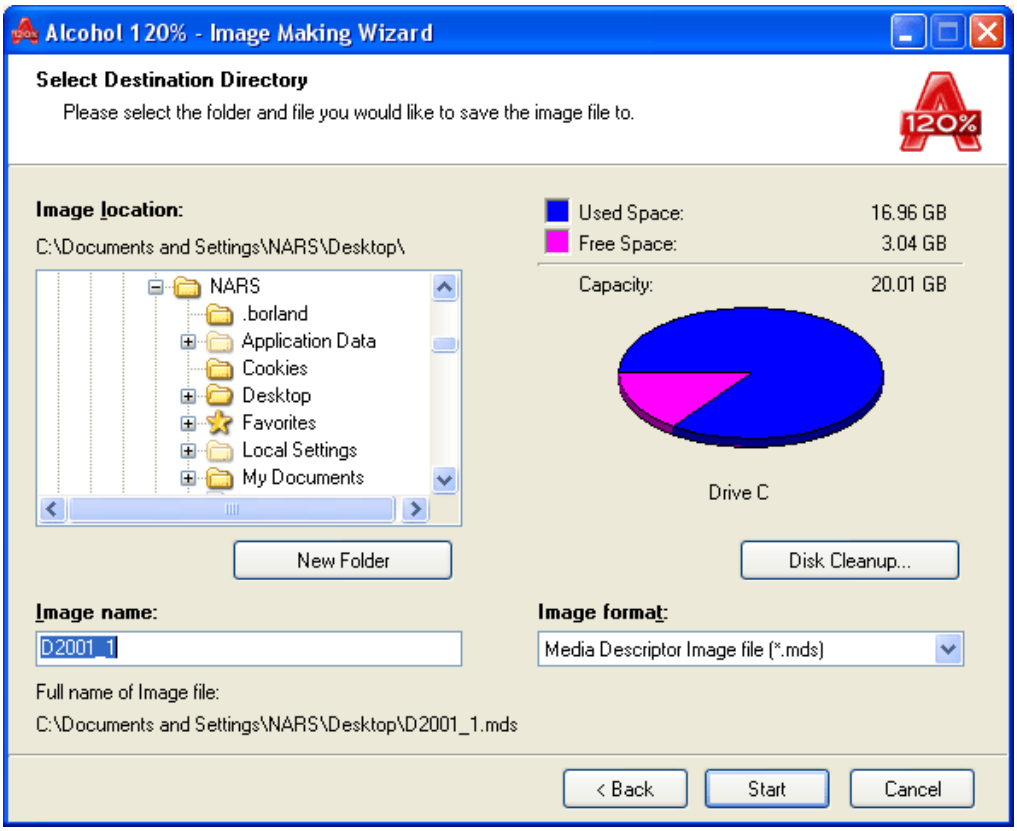
Data Position Measurement: New protections like SecuROM 4.8x work by positioning the data irregularly on the spiral track of the CD. This irregular positioning is measured, and emulated while the image is mounted.

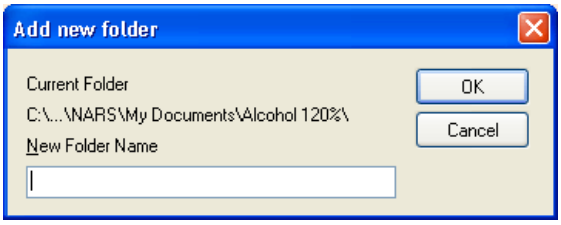
Please Note: Data Position Measurement can only be used with the Securom *NEW (V4.x), StarForce 1.x/2.x and VOB ProtectCD V5 profiles. The best results are obtained when the DPM reading speed is kept as low as possible.

Datatype: You have to make sure what kind of datatype the source CD is, and select the correct datatype. If you are not sure which datatype your source CD is, you can find detection software on the Internet. Another powerful source of information is our Support Forum at http://forum.alcohol-software.com.



Confirm all selections and press Next.

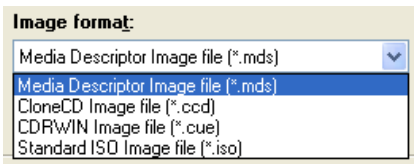




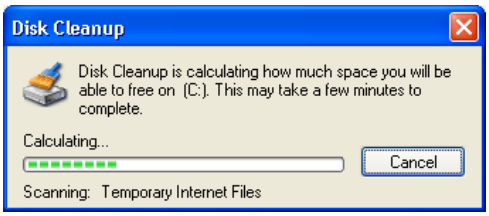
Notice: Here you can define where the image file (*.mds by default) is going to be saved on the hard disk drive. Click on New Folder to create a new folder on the hard disk drive. Alcohol 120% will remember the folder for the next time you create another image file.

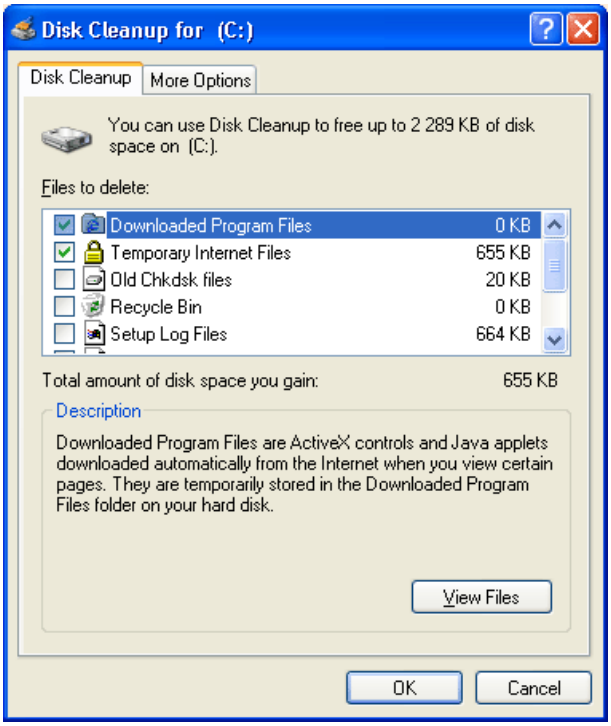
Hint: If this is the first time you use Alcohol 120%/Alcohol 52%, create a new folder on your local drive for Alcohol 120%/Alcohol 52% image files, for example "Alcohol 120%/Alcohol 52% Images". Assign useful names to your image files, so that you will be able to know which you are looking for in the future and it will be easier to find the image files created by Alcohol 120%/Alcohol 52%. If your local drive's free space is somehow limited, don't create too many images as you may suffer from insufficient disk space.

Image format: You can select which image format you would like to save onto your hard disk drive. Media Descriptor Image File (*.mds) is set as default.



Disk cleanup: This selection will calculate how much space you will be able to free on your hard drive by removing temporary Internet files, installed Windows components and software that you no longer use, and emptying the Recycle Bin, giving you more space on your hard drive for your images.





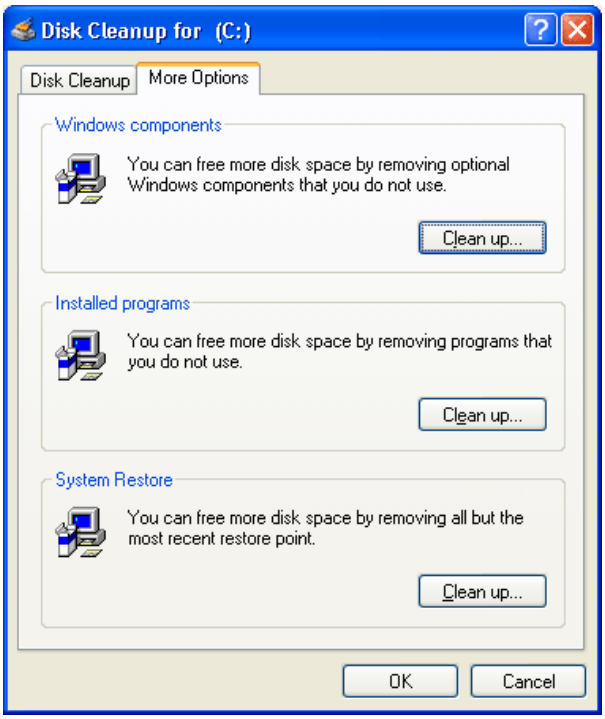
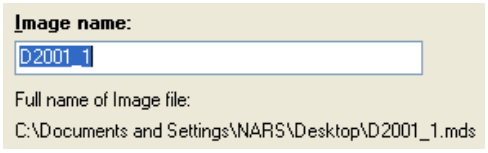


Image name: Name of the image file that is going to be created.



After selecting the location of the image file, confirm all settings with the Start button and the image file will be created. Please note that "Disc read errors" are normal for some protections and can be ignored.

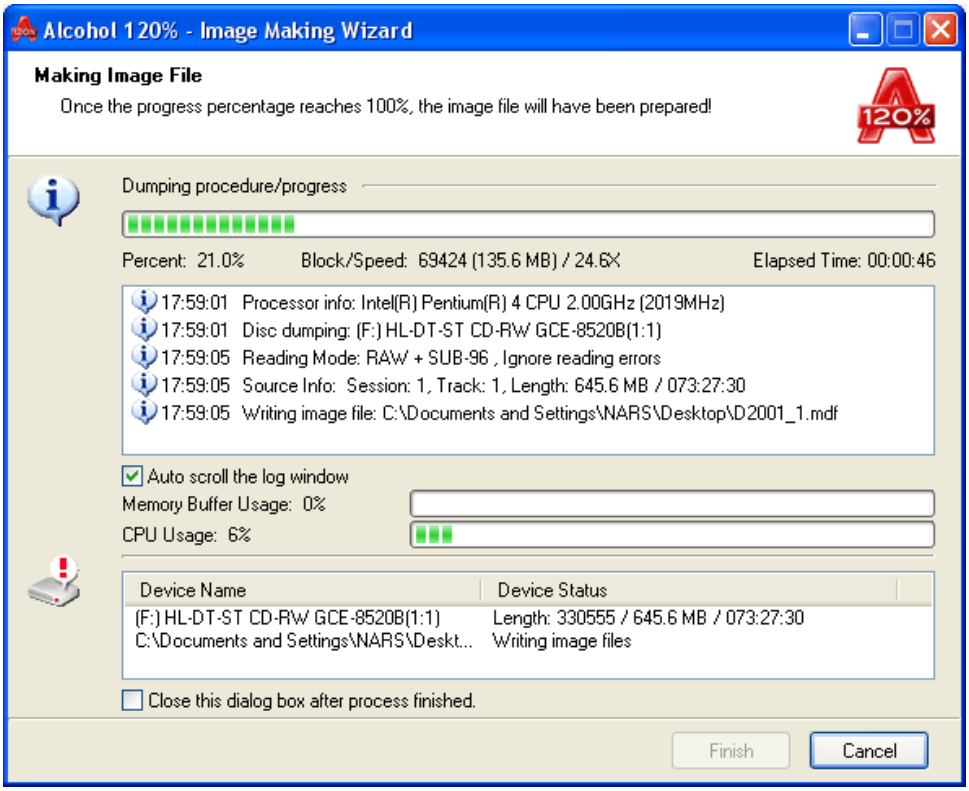
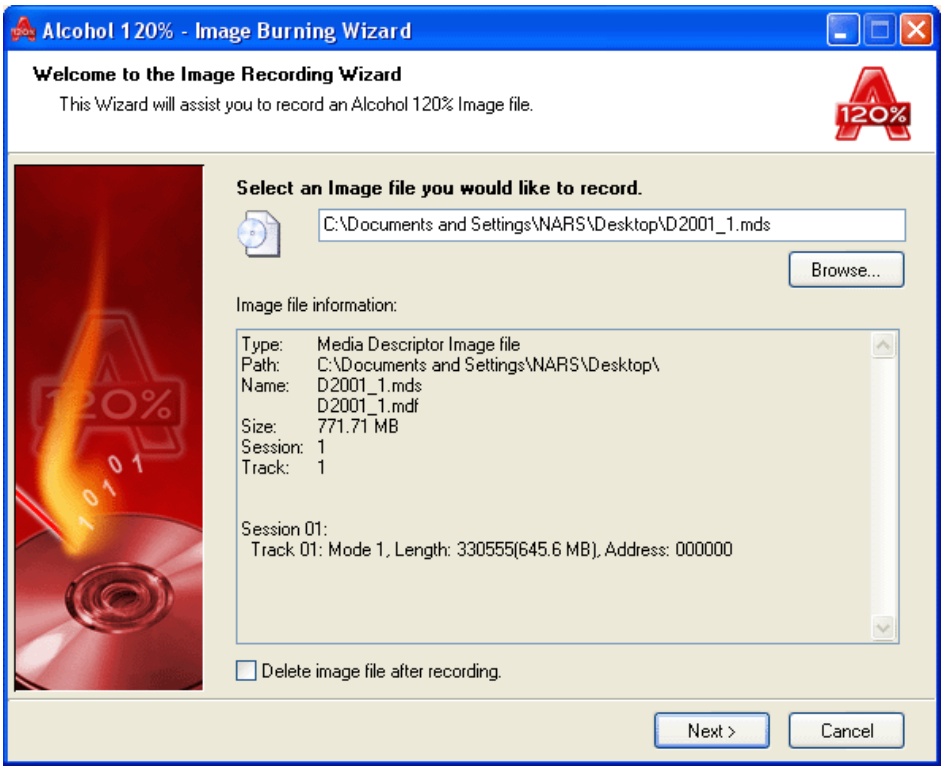


Image Burner

This option is only available in Alcohol 120%.

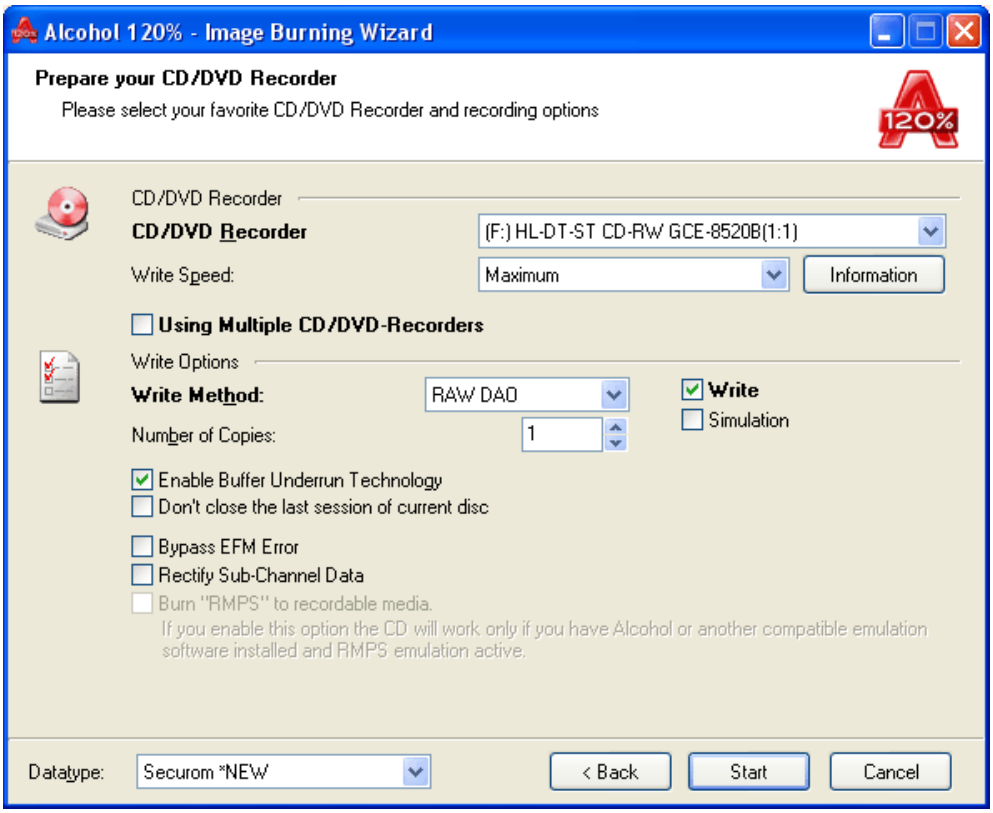
Burns an image file to a recordable CD/DVD disc.

Click on the Image Burner icon or click on the "File" dropdown menu and select Image Burner. Click on Browse to choose an Image File from the hard disk drive. Once an Image File is selected, all details of the Image File will be shown in the window.



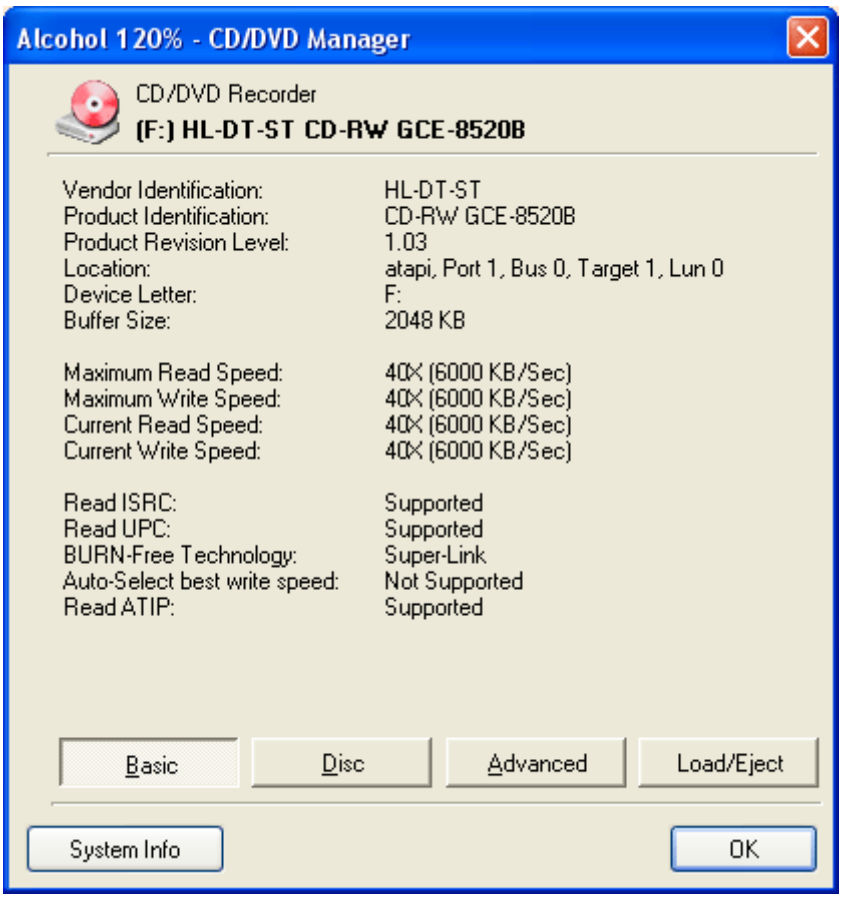
If the checkbox "Delete image file after recording" is enabled, the image file will be deleted after a successful recording. Without a successful recording, the image file will remain in the hard disk drive.

Confirm all selections with Next.

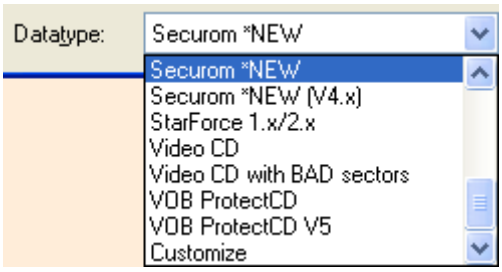


You can choose a CD/DVD recorder and write speed by clicking the down-arrow. A slower writing speed is recommended, as the defective rate will be lower than with high writing speed.

Notice: You can specify the Write Speed which is going to operate, but before setting a high speed, you may try a simulated copy to check if your computer is fast enough to supply the CD/DVD recorder with the required data.



Simply click on Information to see detailed information of your CD/DVD device.



Write Method: Includes DAO/SAO (default), RAW SAO, RAW SAO+ SUB, and RAW DAO. Most CD/DVD recorders support DAO/SAO writing mode, but not every CD/DVD recorder supports RAW writing mode. You can check which writing modes your CD/DVD recorder supports in "System Info" in the above window.

DAO/SAO writing mode is used to backup normal CD/DVD discs. In contrast, RAW writing mode is used to backup raw data of CD/DVD discs (mainly for special CD/DVD formats).

Enable Buffer Underrun Technology (Default): This function will avoid Buffer Underrun, due to the lower transfer rate of data from hard disk drive or CD/DVD reader to CD/DVD recorder. Most CD/DVD recorders (mostly manufactured after the year 2000) support this function to decrease the defective rate of copying CD/DVD.

Don't close the last session of current disc (optional): Users can decide whether to close the last session of the copied disc or not. To close the last session of the disc means you cannot write

any more data to this disc after the recording process is finished. To enable this selection, users can record data next time, if the copied disc still has sufficient capacity. However, we do not suggest enabling this function, as some CD/DVD reader cannot read multi-session discs properly.

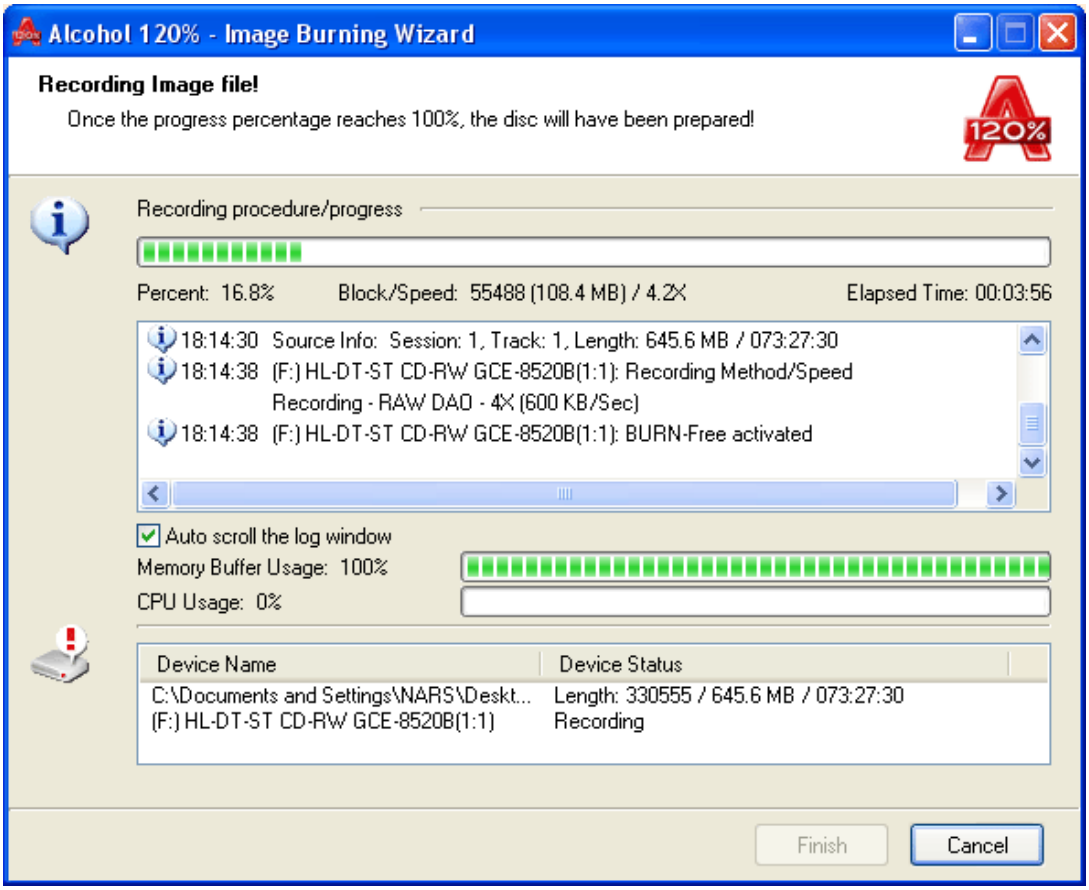
Bypass EFM Error (optional): If users select this function certain image files may successfully be copied to a CD/DVD disc. If you have any questions concerning this option, please contact the Alcohol Soft Support Team at support_team@alcohol-soft.com to get more information.

Rectify Sub-Channel Data: SubChannel Data is used to store extra CD information. There are some protections that use this to store a digital ID in. If a game with this protection is started and the ID is not present, the back-up will not work

Burn "RMPS" to Recordable Media: Alcohol will reproduce an image to disc, based on the physical information on the source disc, that otherwise cannot be burned onto a usual CD-R/RW. This disc, when placed in the CD drive, will be "Emulated". However you still need either Alcohol or another emulation program installed on the PC where the disc is to be used.

Data type: Refer to Image Maker section.

Confirm all selections, click on Start. The recording process will be started.



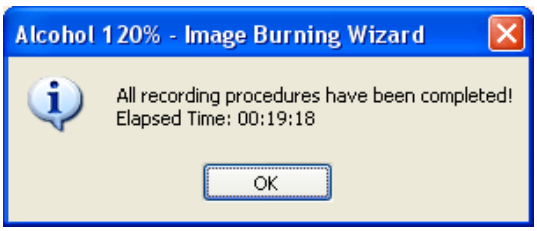
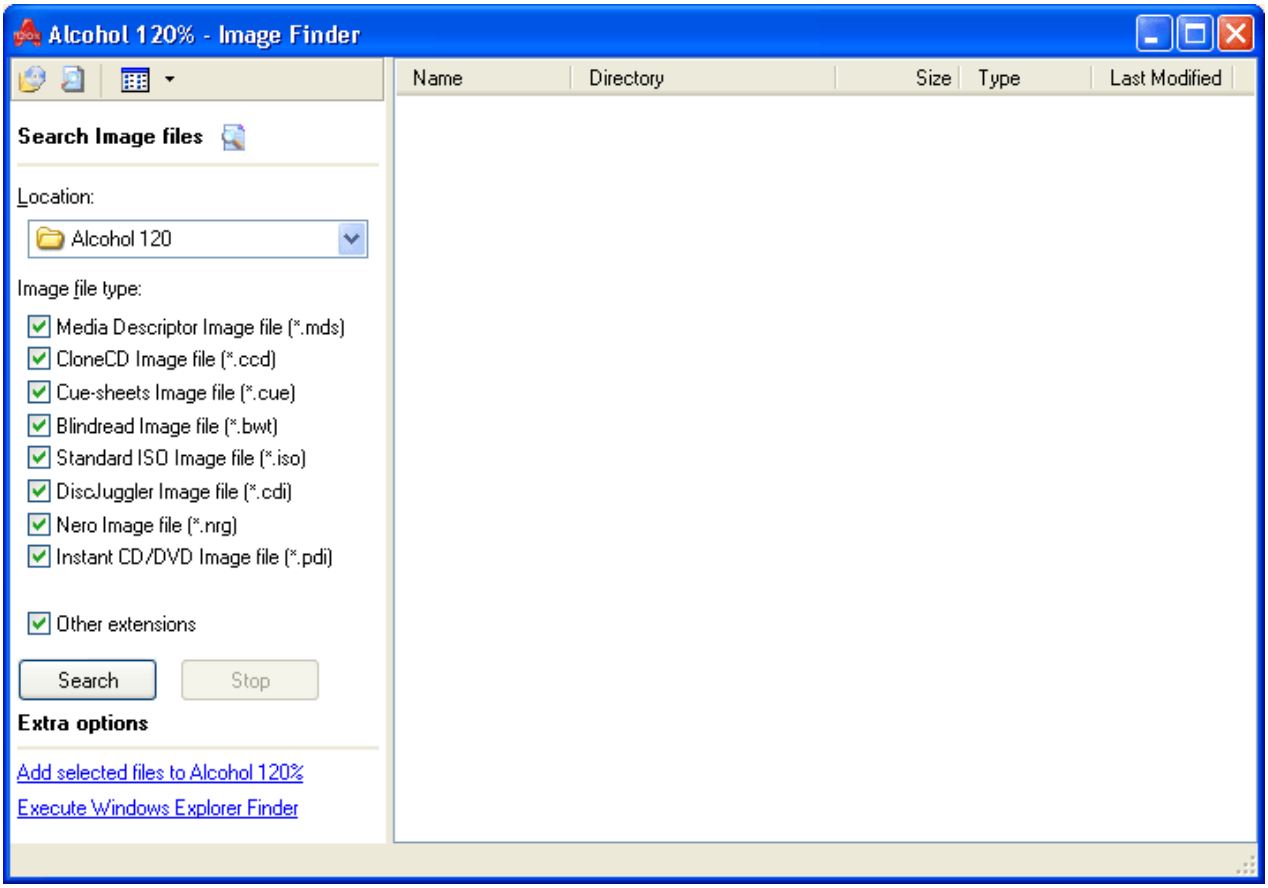


Image Finder

The "Image Finder Wizard" enables users to search for particular types of image files in specific locations or devices on the computer.

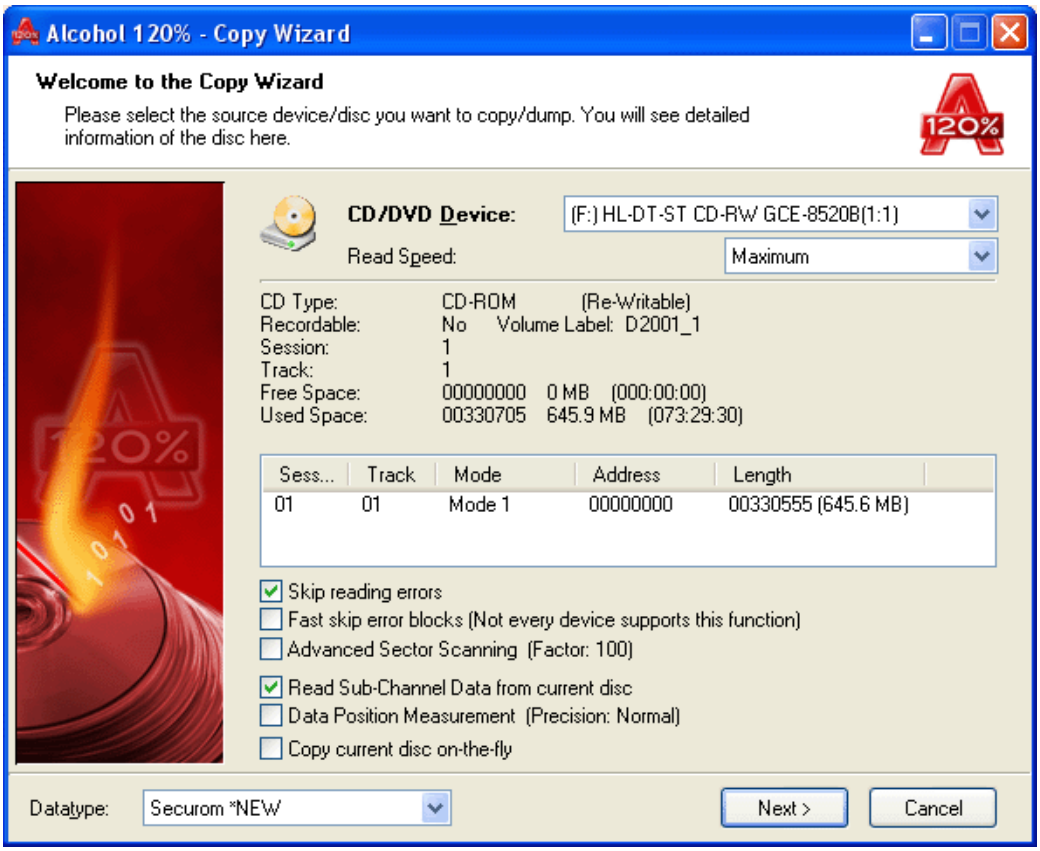


Copy Wizard

This option is only available in Alcohol 120%.

Copies discs from a CD/DVD drive to a CD/DVD recorder (Copies CDs/DVDs on the fly). Copy Wizard combines the reading and writing process. You can copy directly from the source CD/DVD to a recordable CD/DVD disc. (Or choose whether to save the source CD/DVD in the local hard-drive or not).

Insert the source disc into the CD/DVD source drive and a recordable disc into the CD/DVD recorder. Click on the Copy Wizard icon or click on Copy Wizard from the "File" dropdown menu. Select the CD/DVD source drive from CD/DVD device list and choose the reading speed. The details of the source disc will be shown on the window.



Skip reading errors (Default): Refer to Image Maker section.

Fast skip error blocks (not every device supports this function) (optional): Refer to Image Maker section.

Advanced Sector Scanning: Skips large blocks of errors, boosting overall reading speed.

Read Sub-Channel Data from current disc (optional): Refer to Image Maker section.

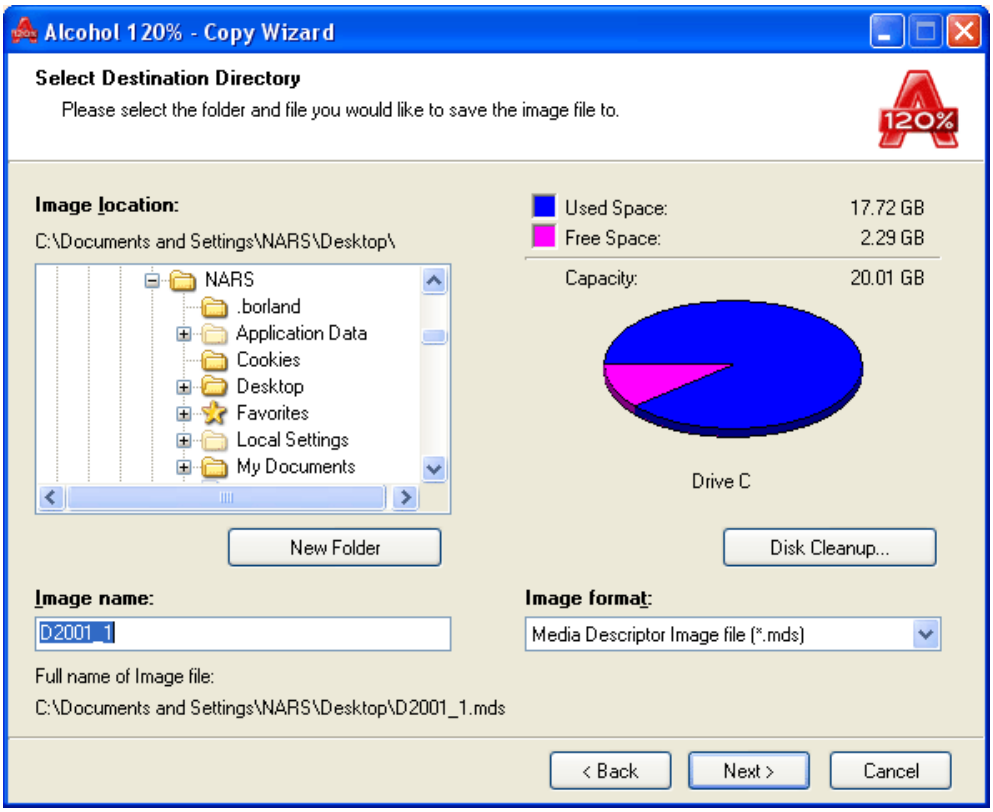
Data Position Measurement: New protections like SecuROM 4.8x work by positioning the data unregularly on the spiral track of the CD. This irregular positioning is measured, and emulated while the image is mounted.

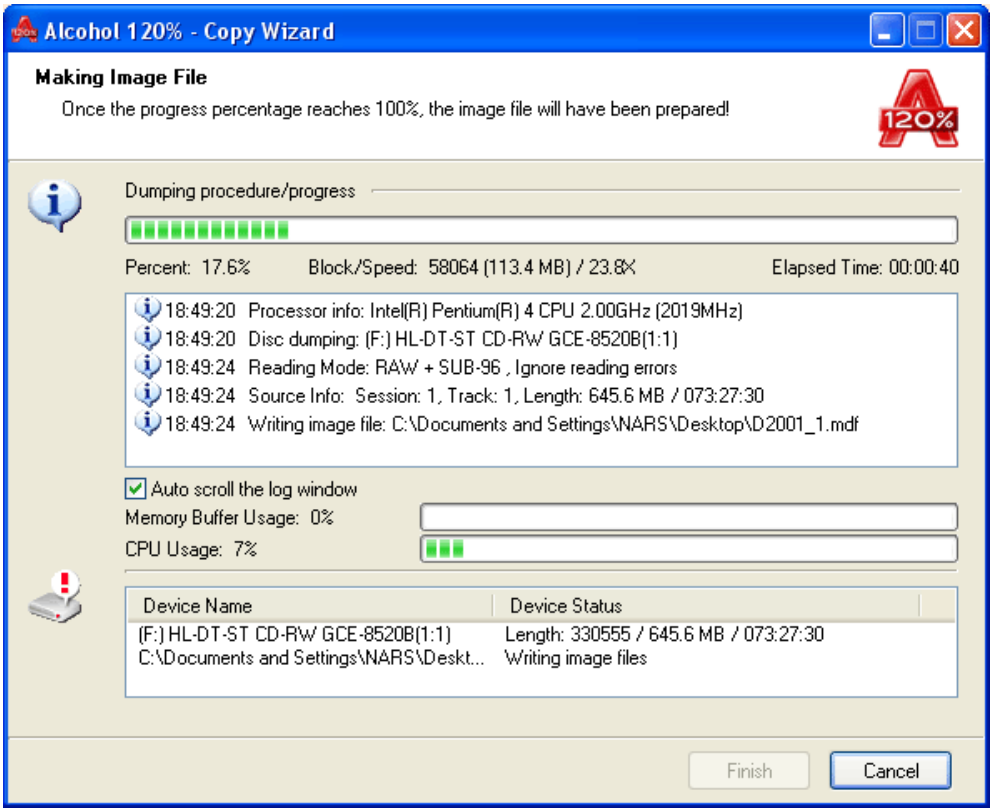
Copy current disc on-the-fly (optional): This option allows you to copy a source CD/DVD to a recordable CD/DVD disc in real time. We do not encourage copying CD/DVD on the fly, as a buffer under-run may occur during the recording process, altough most CD/DVD recorders use technologies to prevent buffer under-run in most cases. This also means the quality of the copied CD/DVD will be reduced.

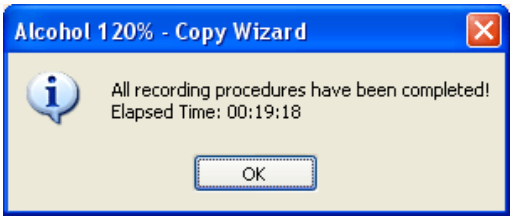
Datatype: Refer to Image Maker section.

Confirm all selections and click on Next.

If the "Copy current disc on-the-fly" checkbox is enabled the copy process will be started after you complete all settings. The settings are same as in the Image Burner section.

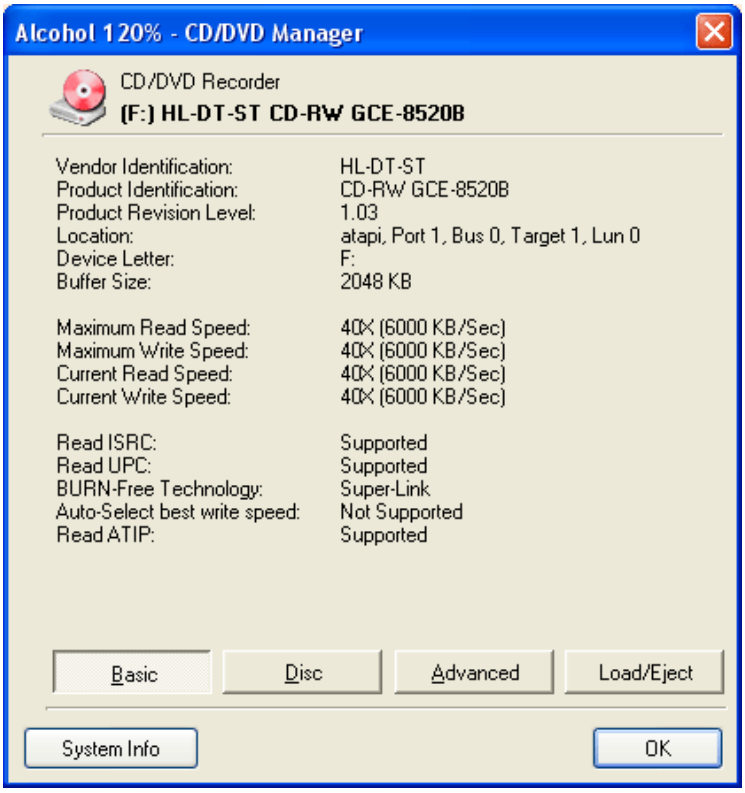

Alcohol 120% - Copy Wizard
Select Destination Directory
Please select the folder and file you would like to save the image file to.
Image location:
C:\Documents and Settings\NARS\Desktop\
NARS
.borland
Application Data
Cookies
Desktop
Favorites
Local Settings
My Documents
Used Space: 17.72 GB
Free Space: 2.29 GB
Capacity: 20.01 GB
Drive C
New Folder
Disk Cleanup...
Image name:
D2001_1
Image format:
Media Descriptor Image file (*.mds)
Full name of Image file:
C:\Documents and Settings\NARS\Desktop\D2001_1.mds
< Back
Next >
Cancel

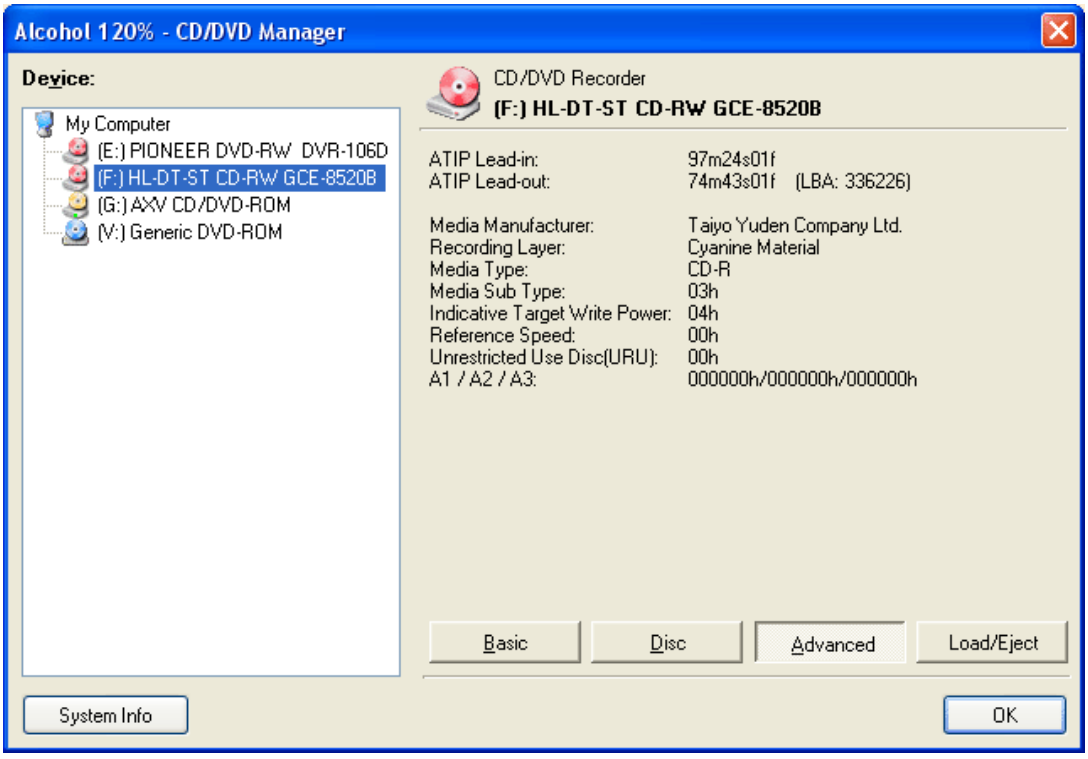

Alcohol 120% - Copy Wizard
Making Image File
Once the progress percentage reaches 100%, the image file will have been prepared!
Dumping procedure/progress
Percent: 17.6%
Block/Speed: 58064 (113.4 MB) / 23.8X
Elapsed Time: 00:00:40
18:49:20 Processor info: Intel(R) Pentium(R) 4 CPU 2.00GHz (2019MHz)
18:49:20 Disc dumping: (F:) HL-DT-ST CD-RW GCE-8520B(1:1)
18:49:24 Reading Mode: RAW + SUB-96 , Ignore reading errors
18:49:24 Source Info: Session: 1, Track: 1, Length: 645.6 MB / 073:27:30
18:49:24 Writing image file: C:\Documents and Settings\NARS\Desktop\D2001_1.mdf
Auto scroll the log window
Memory Buffer Usage: 0%
CPU Usage: 7%
Device Name
Device Status
(F:) HL-DT-ST CD-RW GCE-8520B(1:1)
Length: 330555 / 645.6 MB / 073:27:30
C:\Documents and Settings\NARS\Deskt...
Writing image files
Finish
Cancel

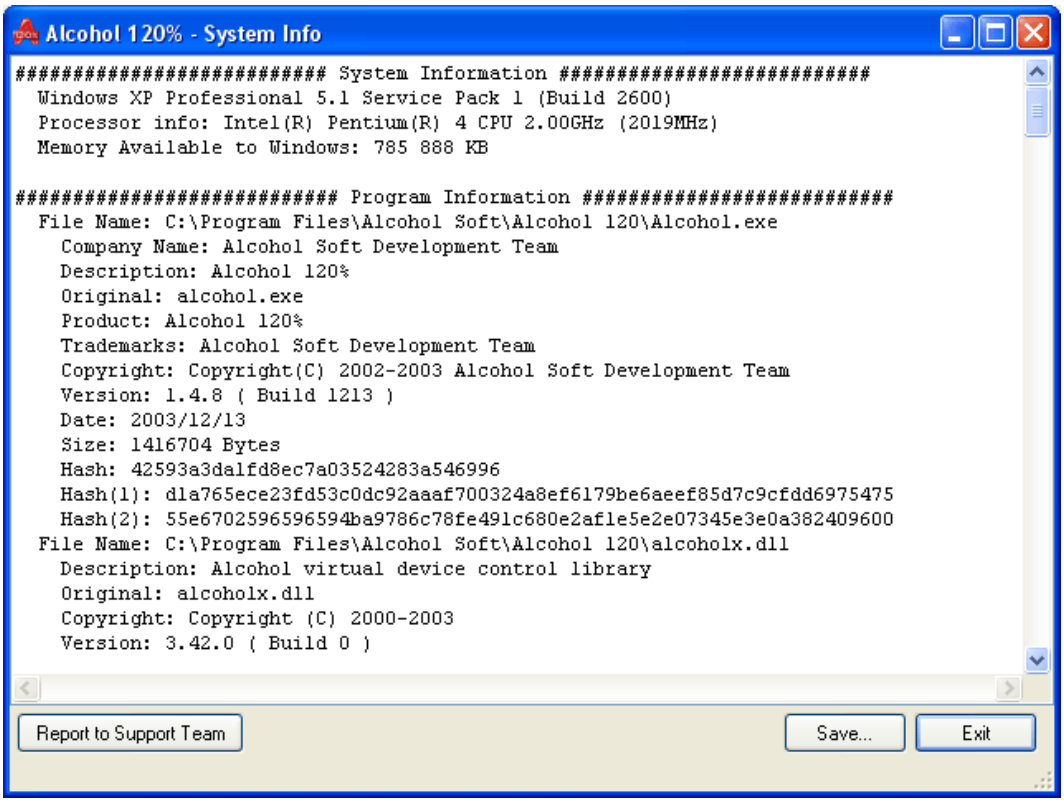

Alcohol 120% - Copy Wizard
All recording procedures have been completed!
Elapsed Time: 00:19:18
OK

If the "Copy current disc on-the-fly" checkbox is disabled, the copy process will first create an image file (*.mds by default) onto the hard drive and then follow by copying the image file to a recordable CD/DVD disc. It combines the Image Maker and the Copy Wizard working process.

CD/DVD Device Manager

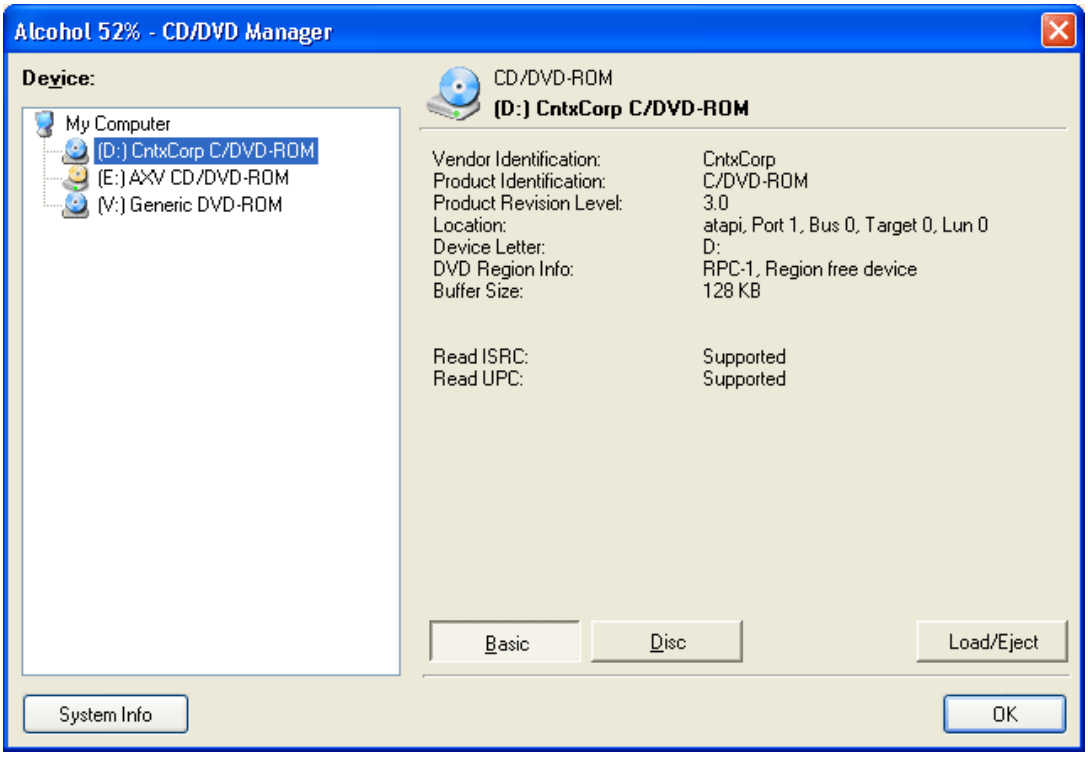






The System information provides the current configurations of the computer and information of the CD/DVD devices installed. In addition, users can also review the working process (CD/DVD emulation or recording) by clicking Report to Technical Support button if errors occur during the emulation and recording process. The information will be helpful for users and the Alcohol Soft Support Team to find out what the errors are and solve the problems in the shortest time. Users may save or print out this report for future reference.

(The "Advanced" option is not available in Alcohol 52%).

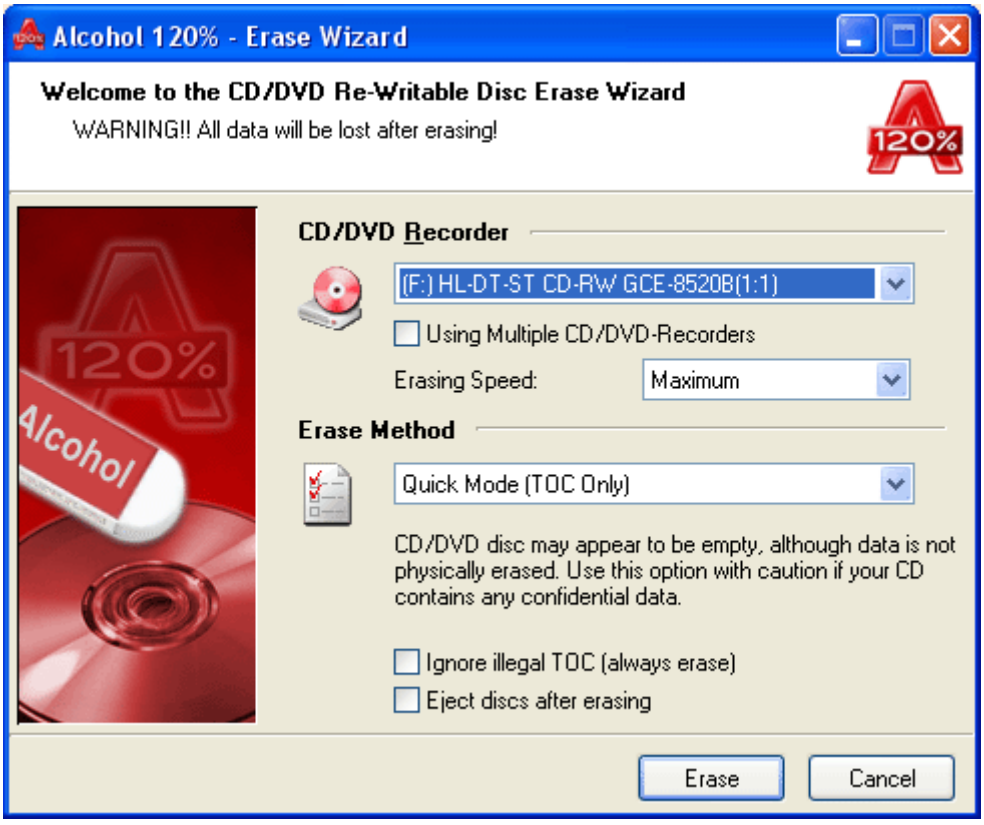


CD/DVD Erase Wizard

This option is only available in Alcohol 120%.

CD/DVD Erase Wizard deletes the data from a re-writable CD/DVD disc (CD-RW/DVD-RW/DVD+RW/DVD-RAM).

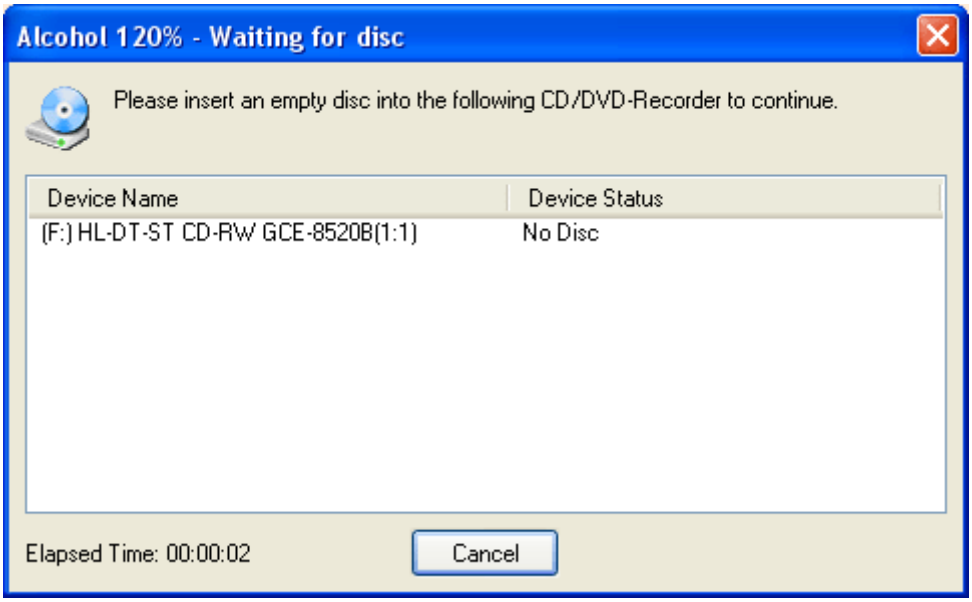
Insert the CD/DVD re-writable disc into the CD/DVD recorder, then click on CD/DVD Erase Wizard icon or click on CD/DVD Erase Wizard from the "File" dropdown menu. Choose the CD/DVD recorder and the erase method.

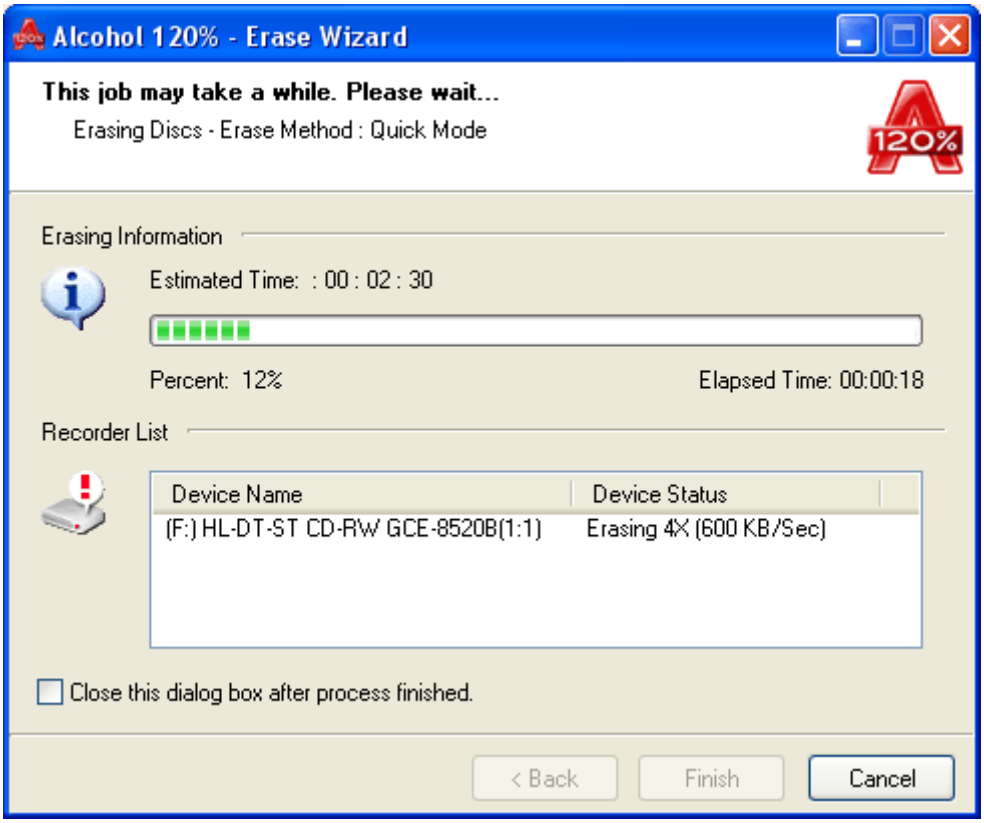


Quick Mode (TOC only) (Default): This option will do a fast erase of the re-writable CD/DVD disc. It may take some minutes depending of the erase speed and media, and only erases the disc's TOC (Table of Contents).

Full Mode (Erase/Format full disc): Compared to the Quick mode, this option will erase the whole disk, including all data which is stored on the disc and will therefore take longer.

Notice: The "Quick Mode (TOC only)" erase method is suggested, if users want to use the re-writeable disc again with Alcohol 120% software. However, if users will use other Packet Writing Software, the Full Mode is strongly recommended.

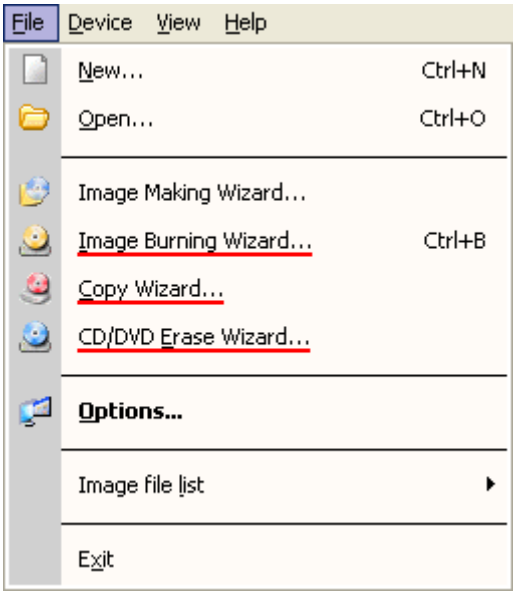

Alcohol 120% - Waiting for disc
Please insert an empty disc into the following CD/DVD-Recorder to continue.
Device Name
Device Status
(F:) HL-DT-ST CD-RW GCE-8520B(1:1)
No Disc
Elapsed Time: 00:00:02
Cancel


Alcohol 120% - Erase Wizard
This job may take a while. Please wait...
Erasing Discs - Erase Method : Quick Mode
120%
Erasing Information
Estimated Time: : 00 : 02 : 30
Percent: 12%
Elapsed Time: 00:00:18
Recorder List
Device Name
Device Status
(F:) HL-DT-ST CD-RW GCE-8520B(1:1)
Erasing 4X (600 KB/Sec)
Close this dialog box after process finished.
< Back
Finish
Cancel

Dropdown menus

Underlined options are only available in Alcohol 120%.

File



New: Same as the icon.

Image Making Wizard: Same as the icon

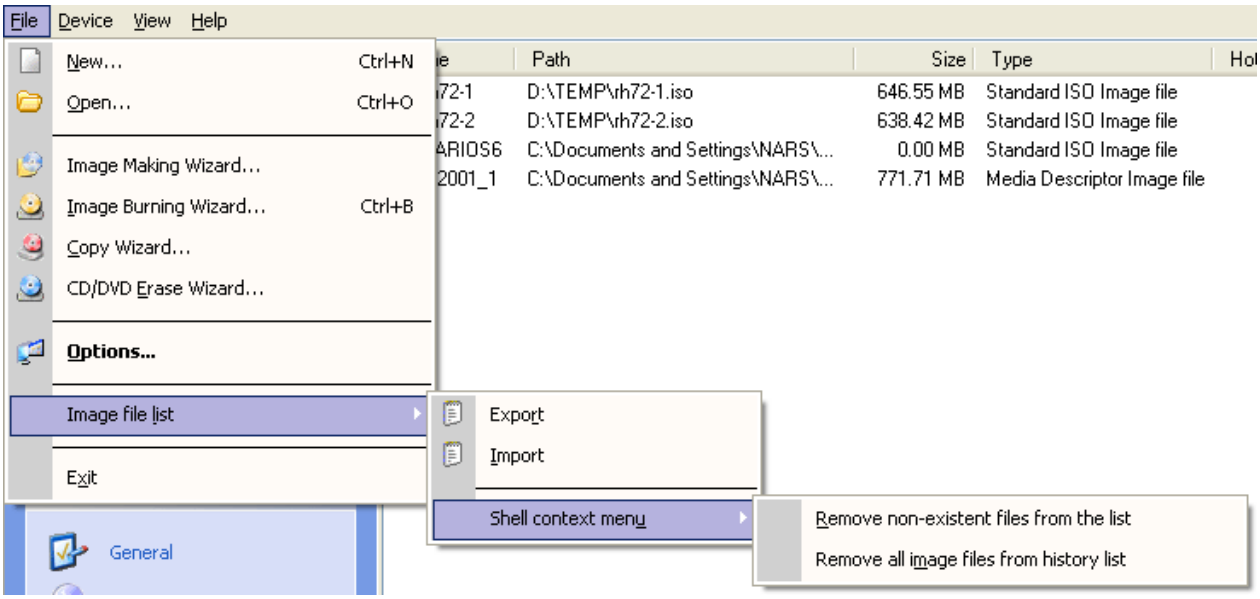
Image Burner Wizard: Same as the icon. Only available in Alcohol 120%.

Copy Wizard: Same as the icon. Only available in Alcohol 120%.

CD/DVD Erase Wizard: Same as the icon. Only available in Alcohol 120%.

Options: Same as the icon.

Image File List: contains the following Sub-Menus



Export: Allow users to group the image files and save the image files list with a customized file name (*.fls).

Import: Open the grouped image files list (*.fls).

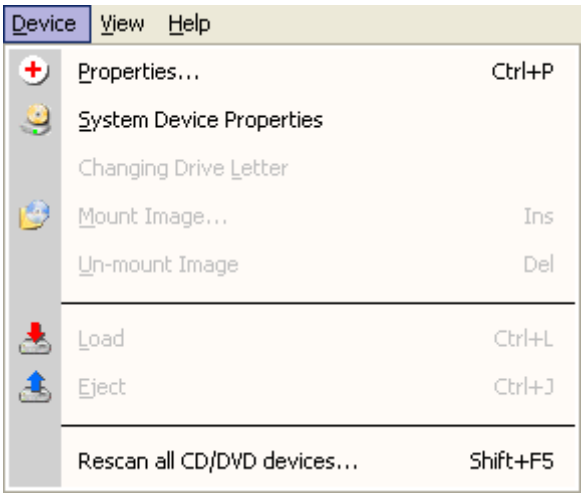
Shell context menu:

Remove non-existent files from the list: Allows the user to remove files which do not exist, from the list.

Remove all image files from history list: Allows the user to remove all image files from the Context menu History List.

Exit: Exits Alcohol 120%/Alcohol 52% program.

Device



Properties: Refer to CD/DVD Device Manager section.

System Device Properties: This option enables users to adjust CD player volume and the settings of DVD region. (This function is only available for Windows NT/2000/XP/Server 2003.)

Changing Drive Letter: This option allows users to change the drive letter for virtual CD/DVD-ROM. (This function is only available for Windows NT/2000/XP/Server 2003.)

Mount Image: This option enables users to mount an image file that is stored in the hard disk to a virtual CD/DVD-ROM. This mounting action is just as the same as loading a CD or DVD into a real CD/DVD-ROM drive.

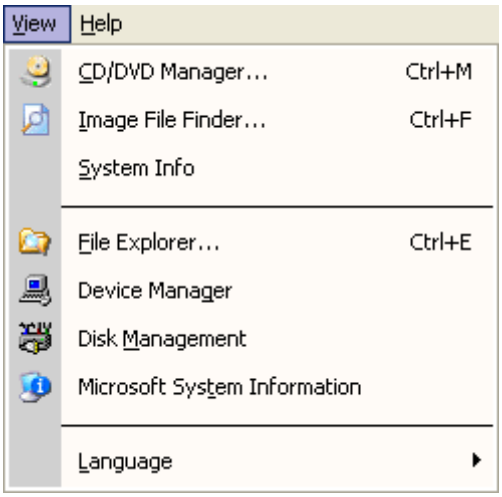
Unmount Image: This option enables users to unmount an image file from the virtual CD/DVD-ROM. This unmounting action is considered as unloading the CD/DVD from the real CD/DVD-ROM drive.

Load: This option reloads the image file into a virtual CD/DVD-ROM, when the image file is ejected. This option is different from mount function, as the Load option works only if the image file remains in the virtual CD/DVD-ROM. NOTE: When the image file is mounted, the image file is automatically loaded into the virtual CD-ROM; therefore, users do not need to do the act of load.

Eject: This option ejects an image file from a virtual CD/DVD-ROM. However, the image file will remain in the drive. Eject function is not same as the unmout function. The unmount option does the same thing as take out the CD/DVD from a real CD/DVD-ROM drive.

Re-scan all CD/DVD devices: This option is to re-scan all CD/DVD devices installed in user's computer, which include physical and virtual CD/DVD-ROM drives.

View



CD/DVD Manager: Same as the icon.

Image File Finder: Same as the icon.

System Info: Allows the user to view a System Report generated by Alcohol.

File Explorer: Search for files from the Windows Explorer.

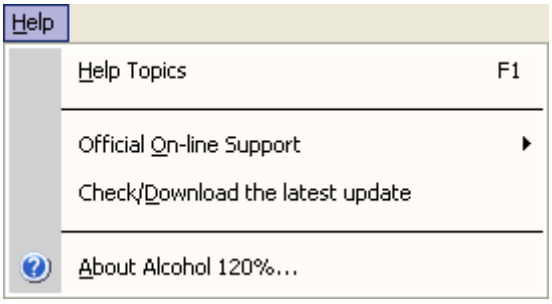
Device Manager: Direct access to Device Manager.

Disk Management: Direct access to Logical Disk Manager Service.

Microsoft System Information: Allows direct access to Microsofts System Information.

Language: Users can choose different languages to use within Alcohol 120%.

Help



Help Topics: Same as the icon.

Official Online Support: This option provides online help and services to the user. If you have any problem or question about using Alcohol 120%/Alcohol 52% please contact us at support_team@alcohol-soft.com (The Alcohol Soft Support Team will make all efforts to reply to your e-mail within 48 hours. However in most cases you will receive a reply within 6-12 hours depending on the complexity of your problem.)

Check/Download the latest update: Alcohol connects to our servers and checks if the latest version is installed if it is not then you will be taken to our Download Page where you can download the latest version.

About Alcohol 120%/Alcohol 52%: Same as the icon.

Options

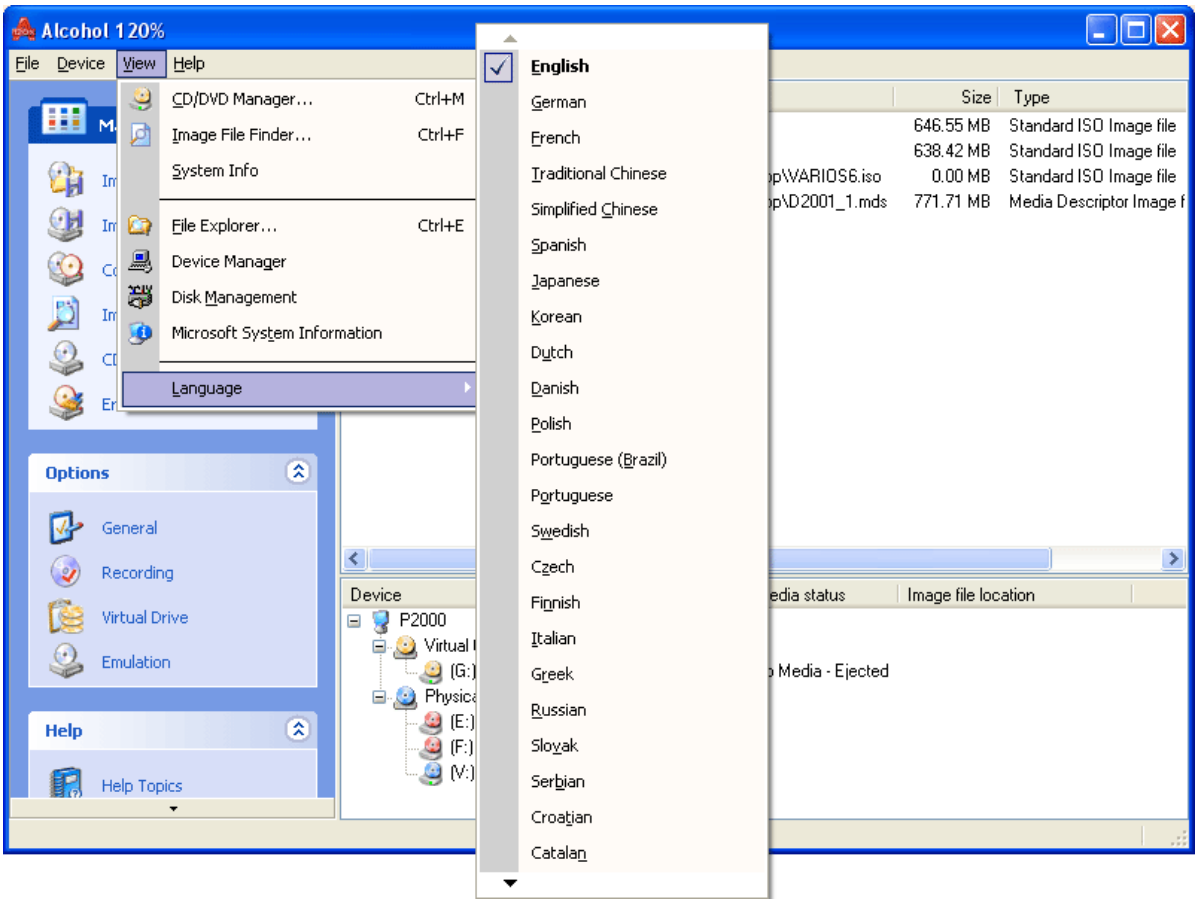
Changing the Language used by Alcohol:

Alcohol now supports a wide range of languages, making it easer to use for people whose first language is not English.

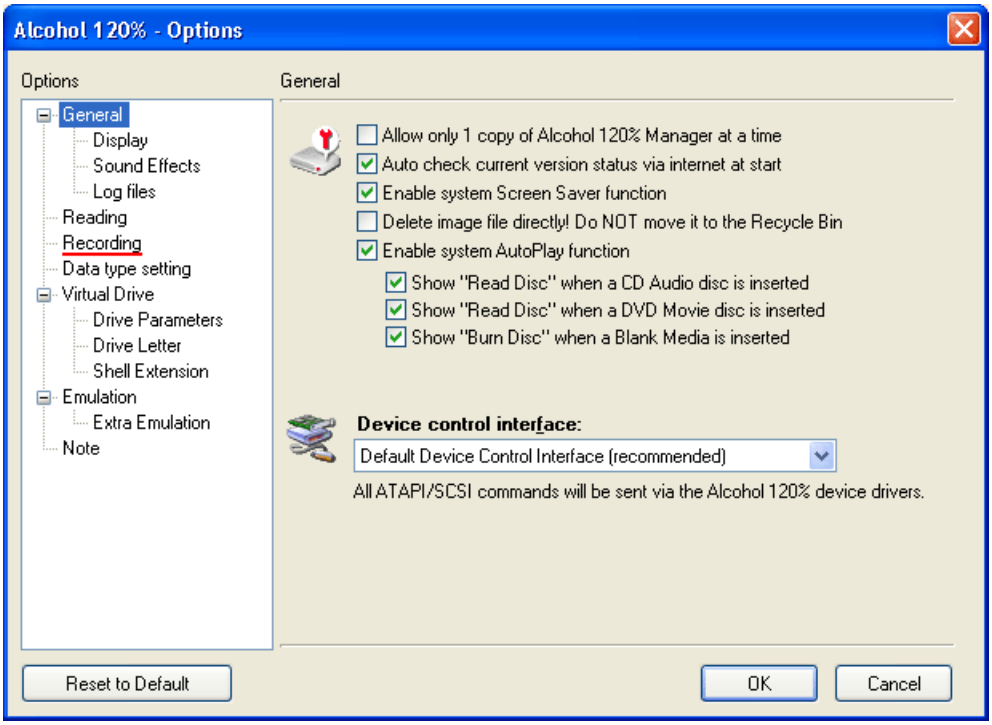
1. Open the "View" menu.

2. Hover the "Language" item.

3. Select your preferred language.



General Options (underlined option only available in Alcohol 120%)
Gives the opportunity to customize the general options and is basically self explanatory. "File" -> "Options"



Allow only 1 copy of Alcohol 120%/Alcohol 52% Manager at a time: With this option checked you will only be able to run one copy of Alcohol at a time. Disabling this option will allow numerous Alcohol sessions to be run at the same time.

Auto check current version status via Internet at start: With this option enabled, Alcohol will be allowed to check if the version that you are using is the latest one.

Enable system Screen Saver function: Uses the Windows settings for screen saver options.

Delete image file directly! Do NOT move it to the Recycle Bin: This option will completely remove the image file from your hard drive after the operation. If you choose this option the image file will be fully deleted and hardly recoverable!!!

Enable system AutoPlay function: When you insert a new CD/DVD that has AutoPlay, it will run automatically if this option is checked. Alcohol checks this option by default.

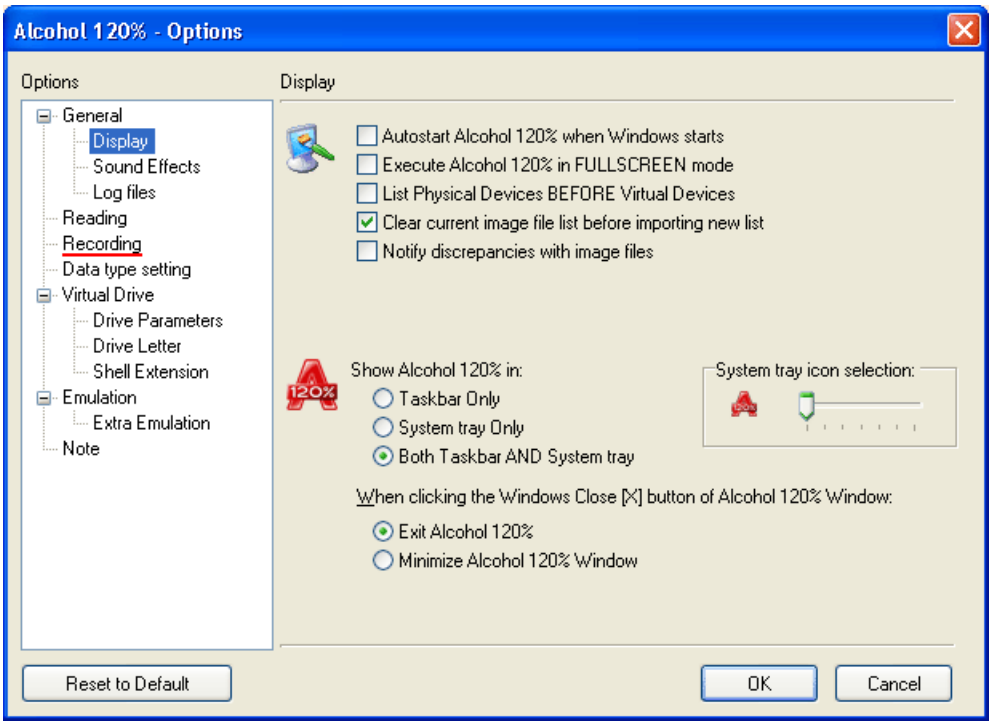
Show "Read Disc" when a CD Audio Disc is inserted: Allows to read a disc when a CD Audio Disc is inserted.

Show "Read Disc" when a DVD Movie is inserted: Allows to read a disc when a DVD-Video is inserted.

Show "Burn Disc" when a Blank Media is inserted: Allows to burn a disc when a Blank Media is inserted.

Device Control Interface: Select Default if you are not sure of the right choice.

Display



Autostart Alcohol 120%/Alcohol 52% when Windows starts: This option automatically loads Alcohol when Windows starts.

Execute Alcohol 120%/Alcohol 52% in FULLSCREEN mode: This option starts Alcohol in full screen. When disabled Alcohol will start with a regular window.

List Physical Devices BEFORE Virtual Devices: Sets the order in which the devices on the computer are shown in the main window.

Clear current image file list before importing new list: Deletes the current image file list when a new one is created.

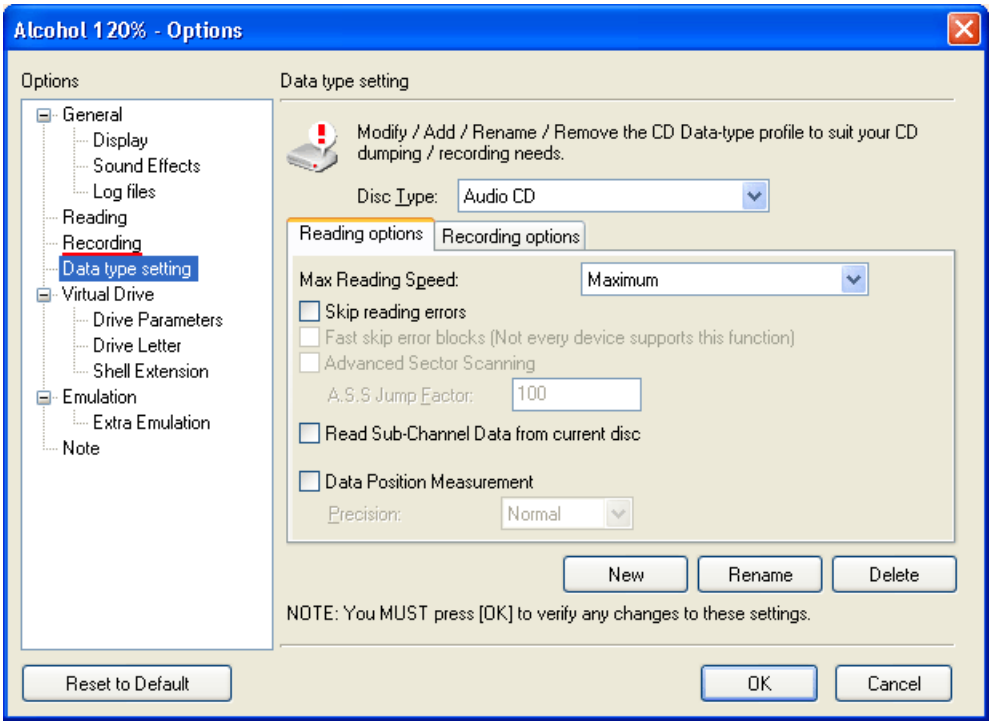
Notify discrepancies with image files: Informs you when an image has been deleted, but still shows in Alcohol Image file list. The F5 key will bring up a dialog box asking if you want to remove this image from the list.

Show Alcohol 120%/Alcohol 52% in: Determines where the Alcohol icon is to be placed.

System tray icon selection: Choose which icon Alcohol uses in the system tray.

When clicking the Windows Close [X] button of Alcohol 120%/Alcohol 52% Window: Determines the action Alcohol will take when clicking the [X] in the top right corner of the screen.

Data Type Setting



Disc Type: All data type profiles are set as default by Alcohol 120%/Alcohol 52%. Unless you are certain about what you are doing it is best to leave these settings as default.

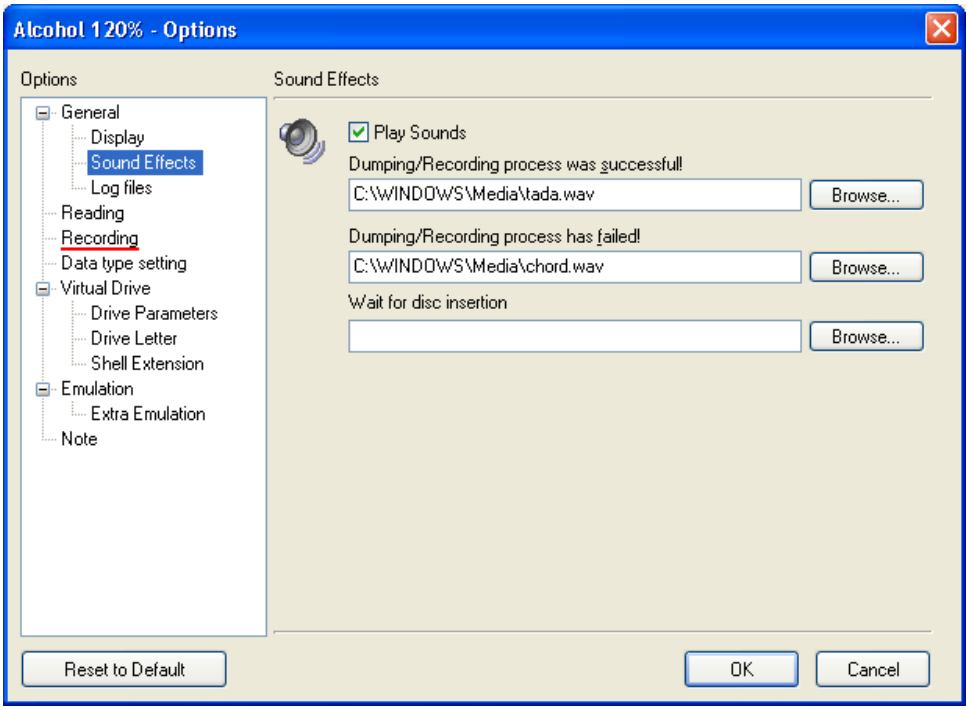
Reading options & Recording options (recording option only available in Alcohol 120%): All Reading and Recording options used by Alcohol 120%/Alcohol 52% profiles. Please, do not change the default profiles, if you change any settings, and use any profile to create a 1:1 backup, it may result in a corrupt backup!! Only change profiles created by you, if you are sure you know what you are doing.

New: Here you can create a new profile by entering a new profile name.

Rename: You can also change names of Disc types (usually protections).

Delete: Deletes the selected profile.

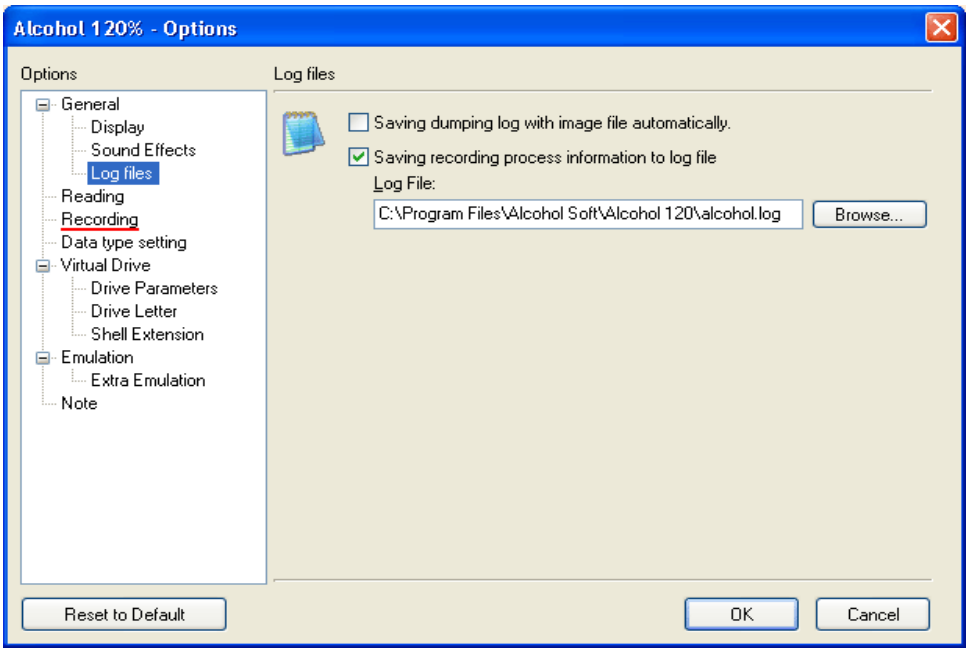
Sound Effects



Play Sounds: Turn on or off sound effects.

Dumping/Recording process was successful/has failed, Wait for disc insertion: Choose the type of sound effect.

Log files

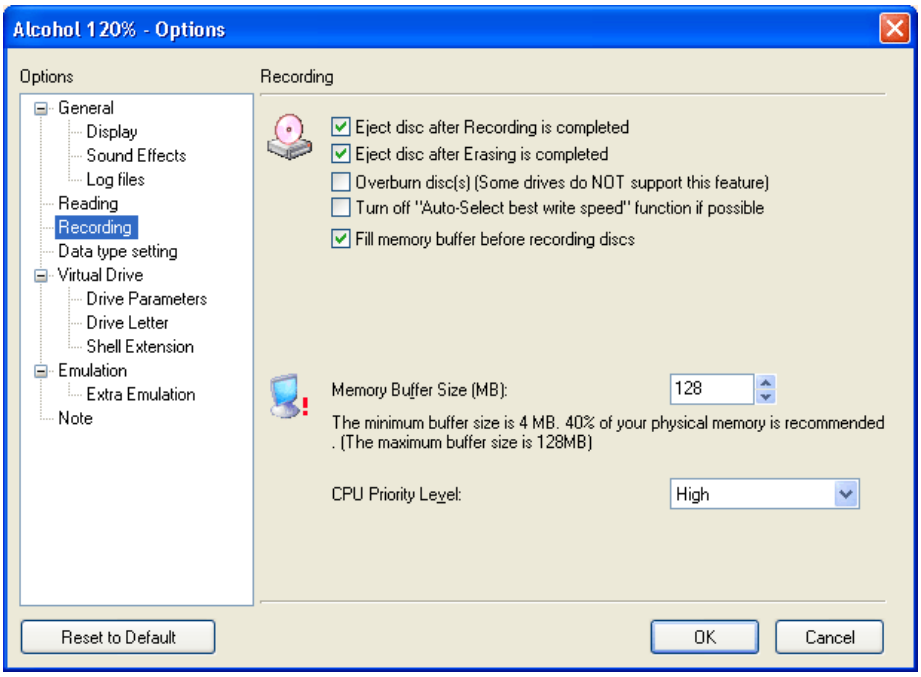


Saving dumping log with image file automatically: Saves a log file when dumping an image.

Saving recording process information to log file: Enable this option, if the information about a recording process should be saved.

Log File: Choose the destination folder and file name for the log file.

Recording Options (only available in Alcohol 120%)



Eject disc after Recording is completed: Ejects the disc from the device when the Recording process finishes.

Eject disc after Erasing is completed: Ejects the disc from the device when the Erasing process finishes.

Overburn disc(s) (Some drives do NOT support this feature): This means you can burn more data than specified onto a CD-R/W media if your CD Writer supports this feature. Not all recorders support this function and there is also the possibility of causing damage to your recorder unit. So unless you are sure your recorder supports this function it is best to uncheck it and use a larger capacity CD-R/W such as a 80min/700MB media.

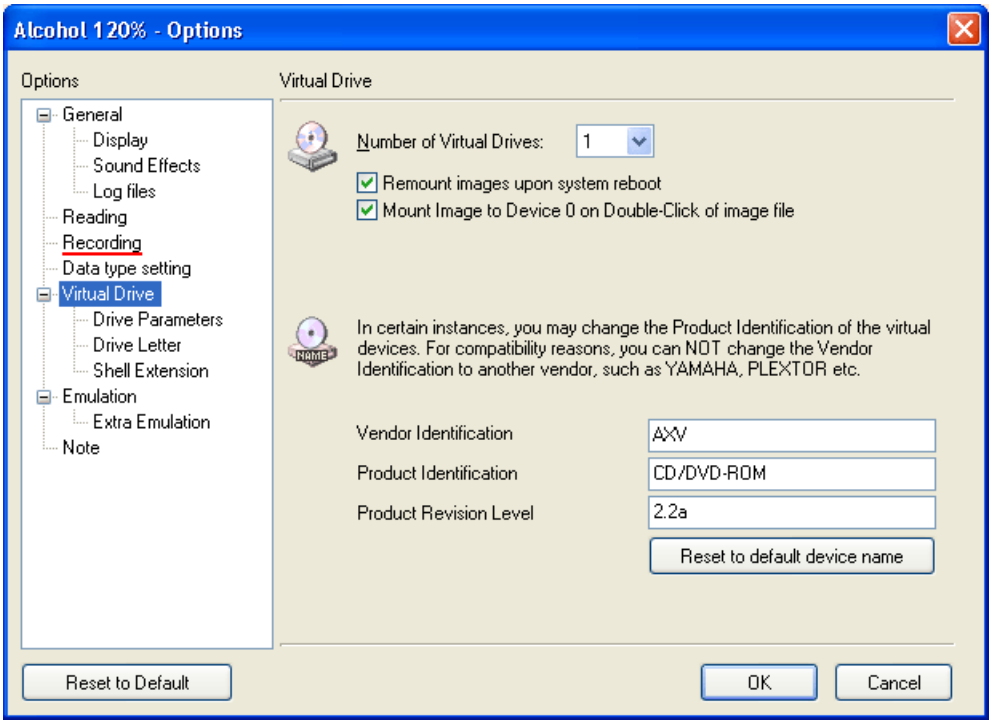
Turn off "Auto-Select best write speed" function if possible: Turns off the drive's automatic recording speed technology. Many CD Writers automatically adjust the recording speed according to the used media. If you wish, you may turn off this feature (not all drives support this function).

Fill memory buffer before recording discs: Alcohol 120% will fill the buffer memory before initiating the burning process. Wait some time while the buffer fills. This ensures a good starting burn and helps to reduce buffer under-run issues.

Memory buffer size (MB): Here you can specify the size of Memory Buffer you wish Alcohol 120% to use. You have the option to choose between 4MB and 128MB. The recommended setting is 40% of your physical memory.

CPU Priority Level: If you use High, the full amount of available CPU is used for the Alcohol process. "Normal" allows your CPU to be available for other tasks at the same time, and Low allows you to do more things during the Alcohol process but this option is most likely to give you problems and errors whilst using Alcohol. You should left it set as High.

Virtual Drive



Number of Virtual Drives: Here you can specify how many Virtual Drives you will require (from 1 to 31). Although for most users 1 virtual drive is enough as you can quickly mount and unmount images.

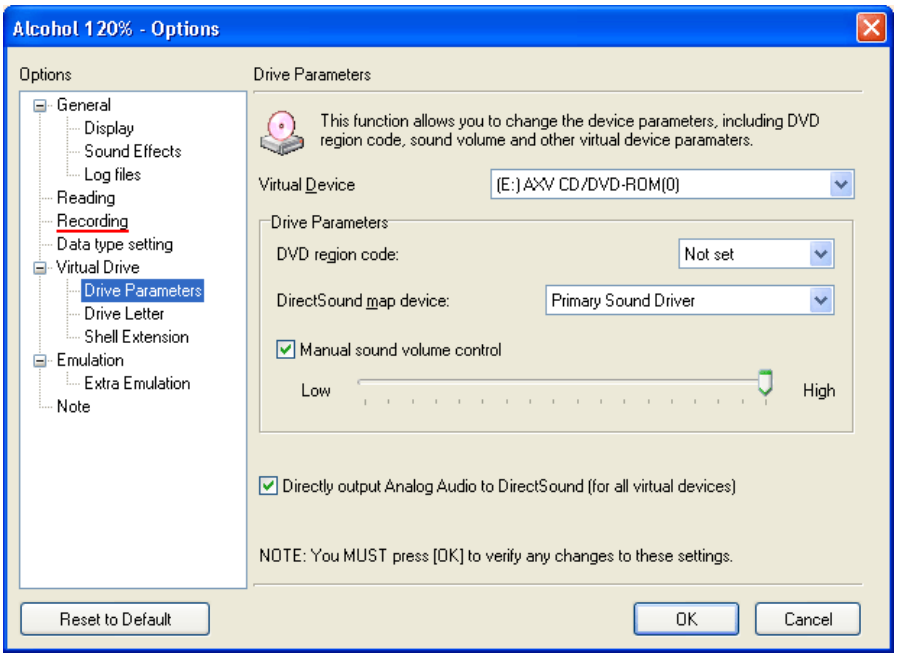
Remount images upon system reboot: Virtual Drive will mount the same image file that was mounted when the computer was shut down.

Mount Image to Device 0 on double-click of image file: When you double-click an image file, it will be mounted in the virtual drive. By default Alcohol always creates one virtual drive. If you have more than one virtual drive, the image file will be mounted in the first free virtual drive. This is a fast and useful option.

Vendor Identification
Product Identification
Product Revision Level
These are the specifications of the new drive. Normally there is no need to change these settings. Occasionally though it may be required to change the "Product Identification" for compatibility reasons.

Reset to default device name: This option allows you to reset the Virtual Drive product identification back to default after it has been changed.

Drive Parameters



Virtual Device: Choose the Virtual Drive to customize (if you have more than one created).

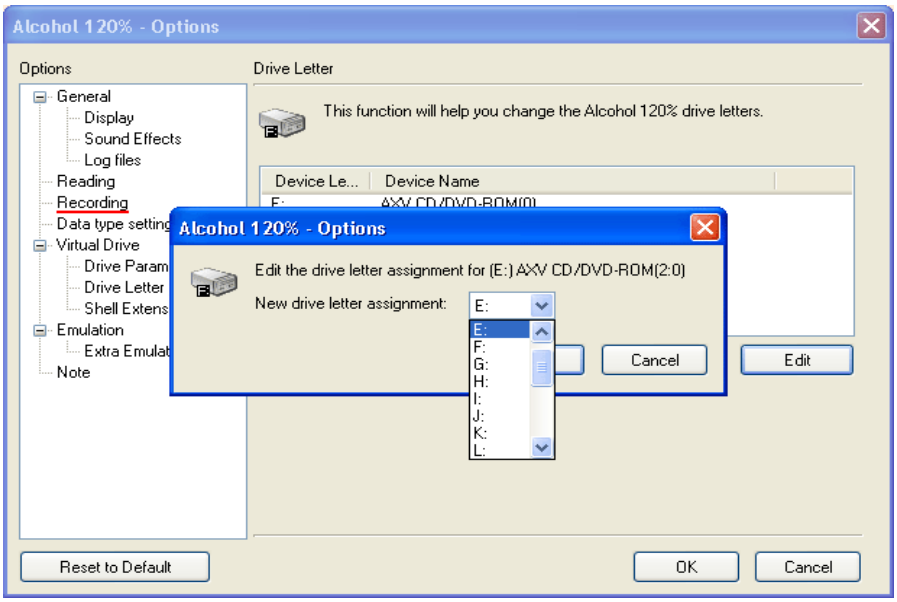
DVD region code: This option allows you to set the region code for a DVD to play in your virtual device. Most DVDs have a region setting. This option allows you to view DVDs that you may not have been able to play in your DVD player due to the region control.

DirectSound map Device: This option allows you to chose which sound device you want to use for your virtual drive (if you have more than one).

Manual sound volume control: You can manually adjust the sound volume control of your Virtual Drive.

Directly output Analog Audio to DirectSound (for all virtual devices): Uses the DirectSound device for Audio CDs.

Drive Letter

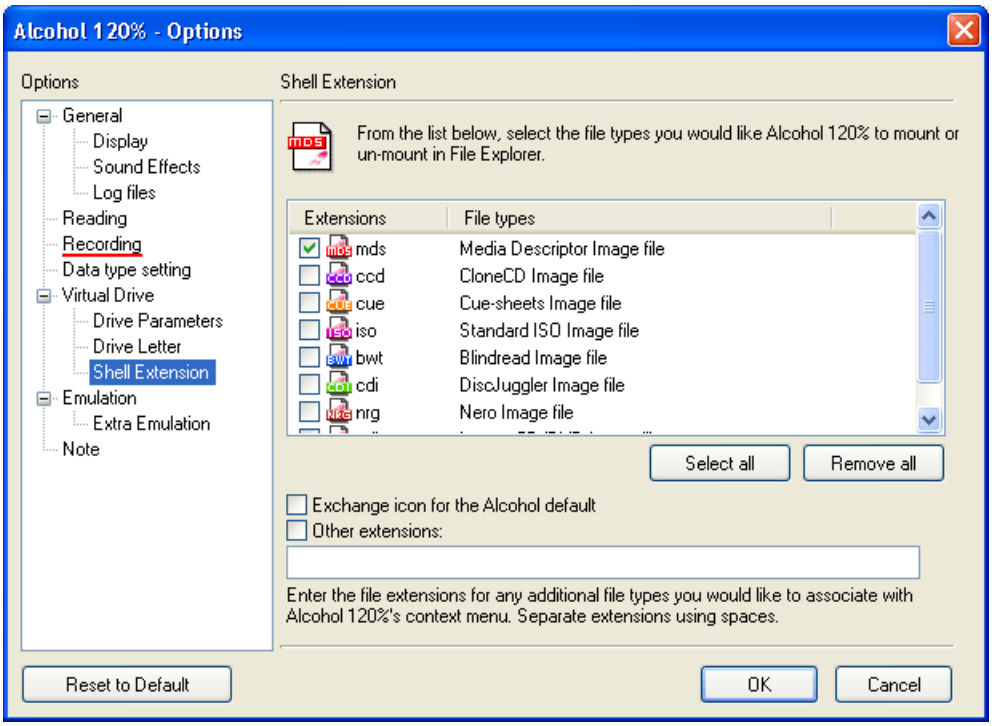


Select the virtual drive that you wish to change the drive letter of.

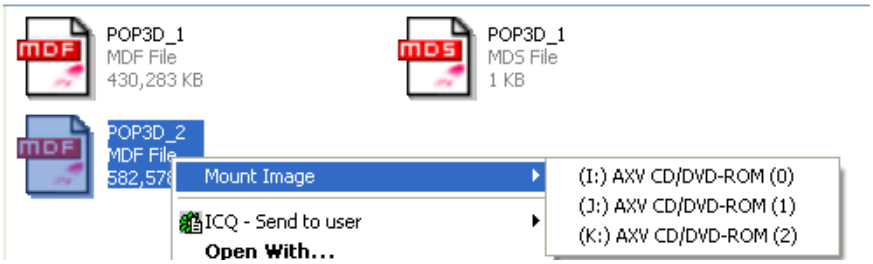
Click "Edit" to edit the Device Letter.

A window will pop up. Here you will see all available device letters. You only have to select the letter you would like to change to and press "OK".

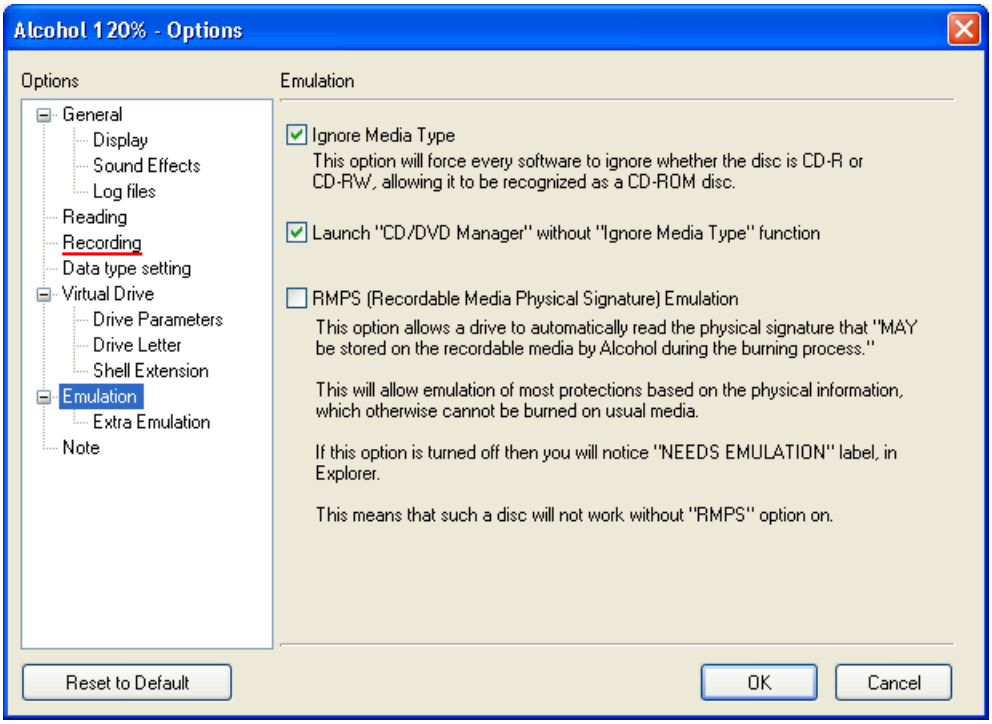
Shell Extension



Shell extensions are used to associate image file formats of CCD, CUE, ISO, BWF, CDI, MDS and NRG in Alcohol 120%/Alcohol 52% Virtual Drive.



For example, you've selected a MDF file named "POP3D_2". With right click, you can mount this image. If this image was already mounted you would have the option to unmount this image. If no image file format is selected this option is not available.

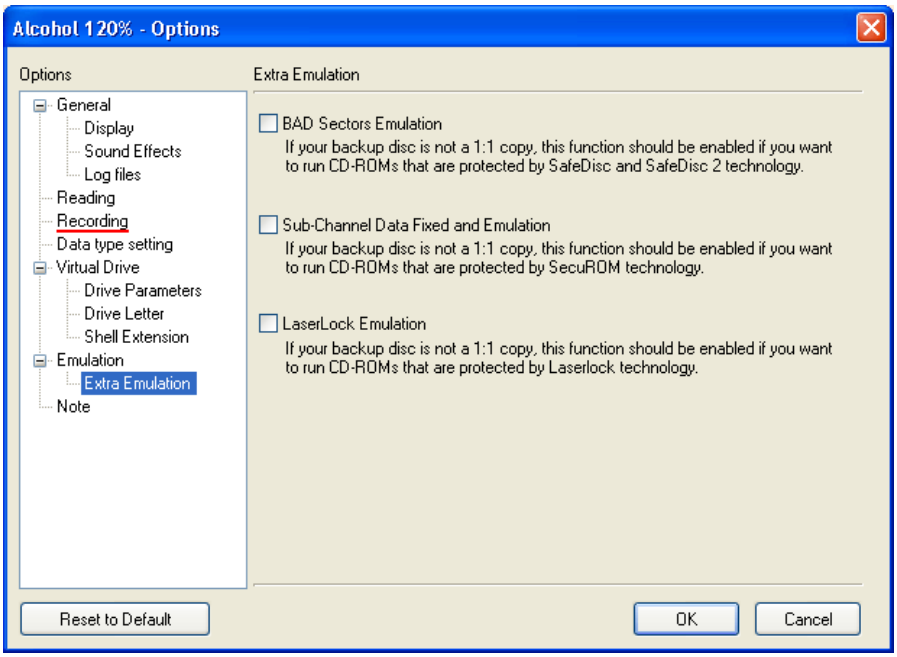


Ignore Media Type: This is important in SafeDisc and SecuROM protected games (among others) that check if the CD you are using is an original or a CD-R/RW.
It is only needed when you run the backup from your CD Writer. CD-ROM drives can't detect if the CD is original or a CD-R/RW (the Advanced button can't be accessed when this selection is made.)

Launch "CD/DVD Manager" without "Ignore Media Type" function: Disables the "Ignore Media Type" feature for Alcohol's CD/DVD Manager.

RMPS (Recordable Media Physical Signature) Emulation: This will allow Emulation of most protections based on the physical information which otherwise cannot be burned onto a recordable media.

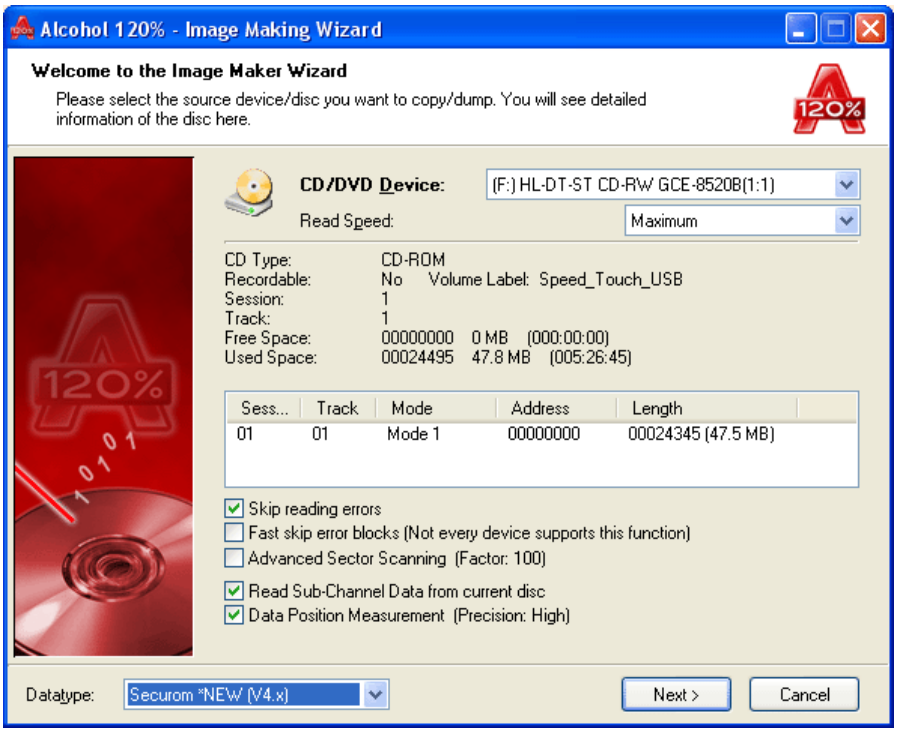
Extra Emulation



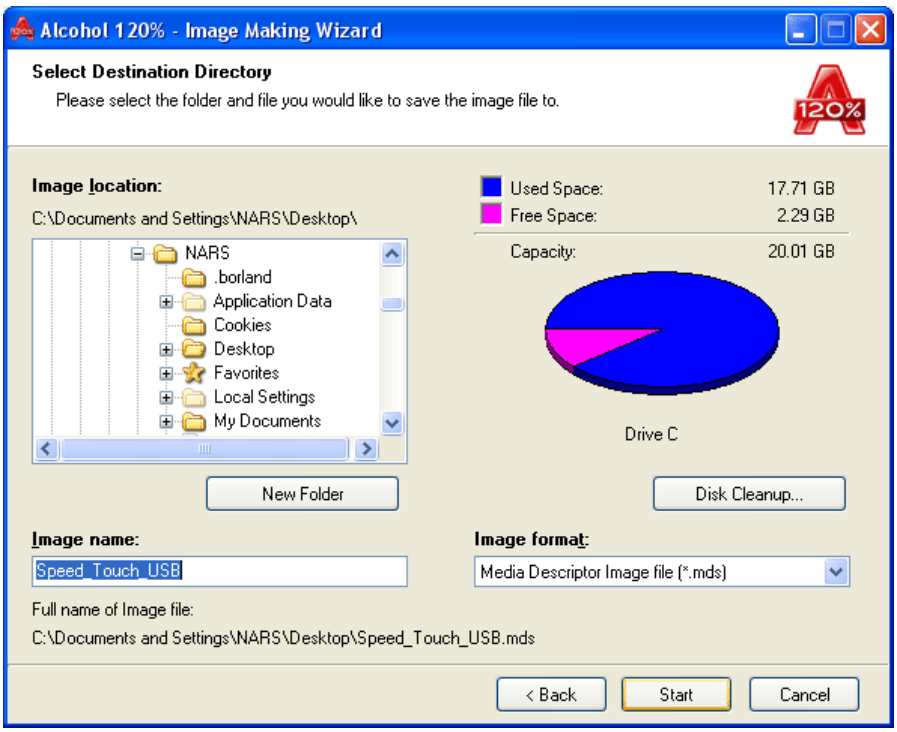
BAD Sectors Emulation / Sub-Channel Data Fixed & Emulation / LaserLock Emulation
These options are used when you do not have a 1:1 backup. If your drive is capable of producing the image then the game can be run emulated in the virtual drive within Alcohol. Once you know what emulation you need you can check the required box. Alcohol can emulate BAD Sectors, Sub-Channel Data fixed and LaserLock.

How to use RMPS

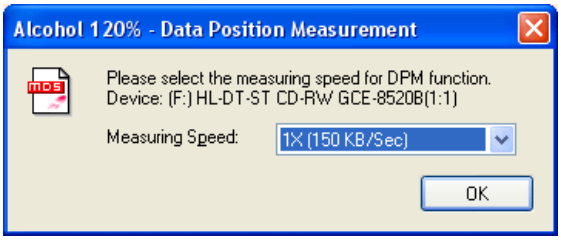
In the "main window" select "Image Making Wizard"



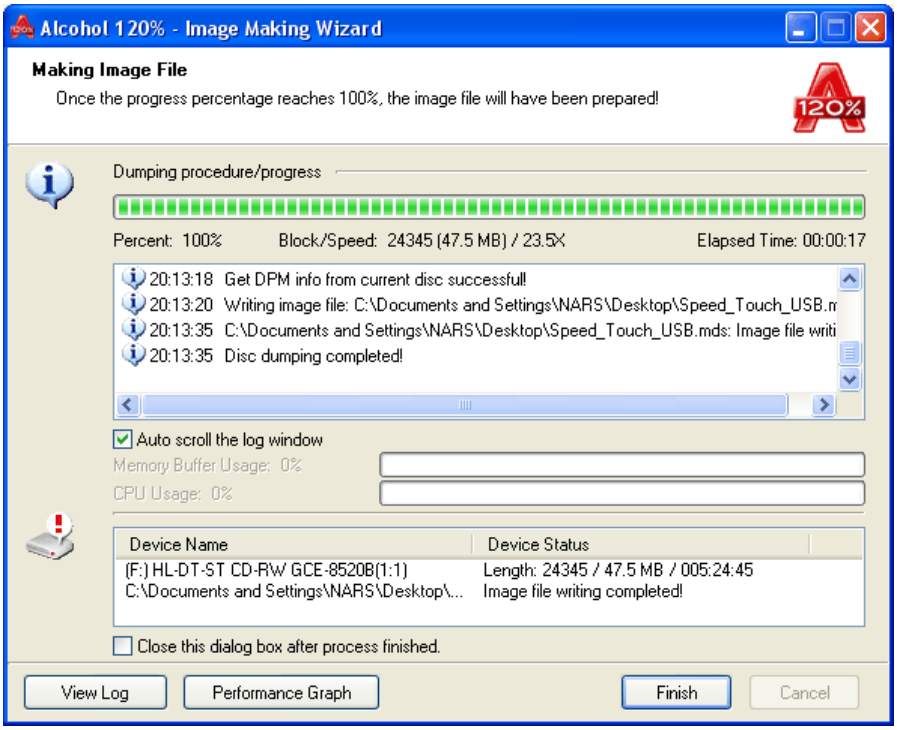
Select the "Securom *NEW (V4.x)" Datatype. It is crucial that the "Data Position Measurement" (DPM) setting is enabled. Proceed by clicking "Next".



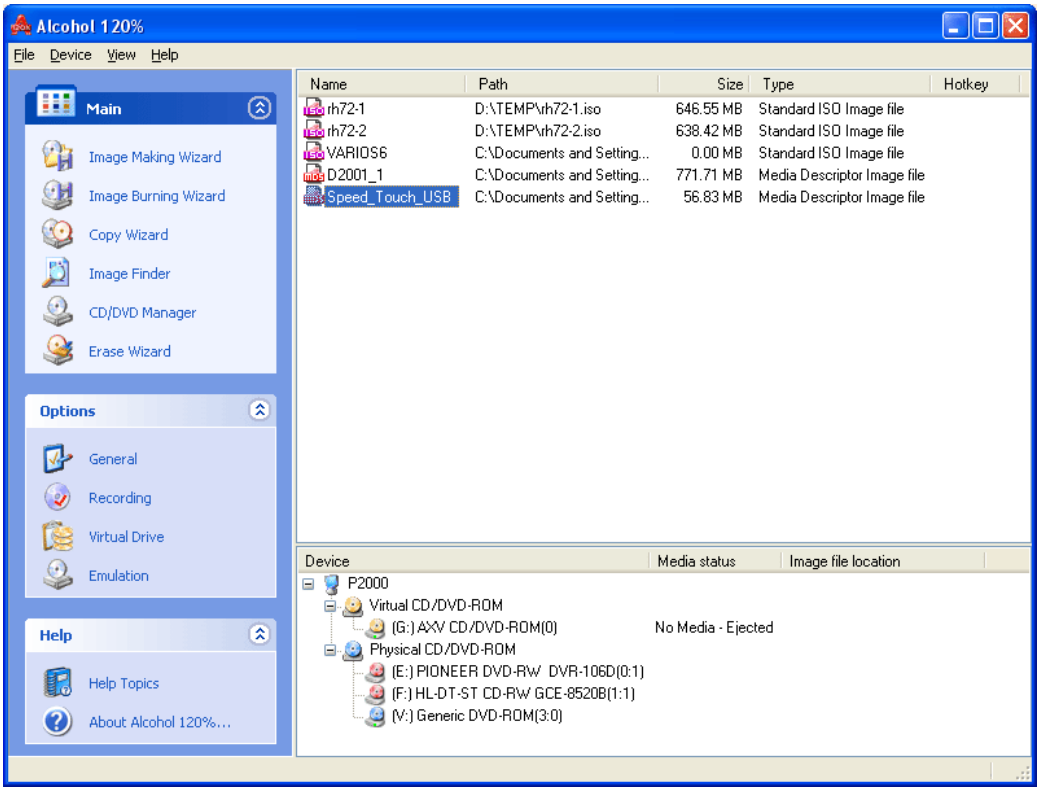
The image must be in the MDS format. Change the file name if it is not correct, then click "Start".



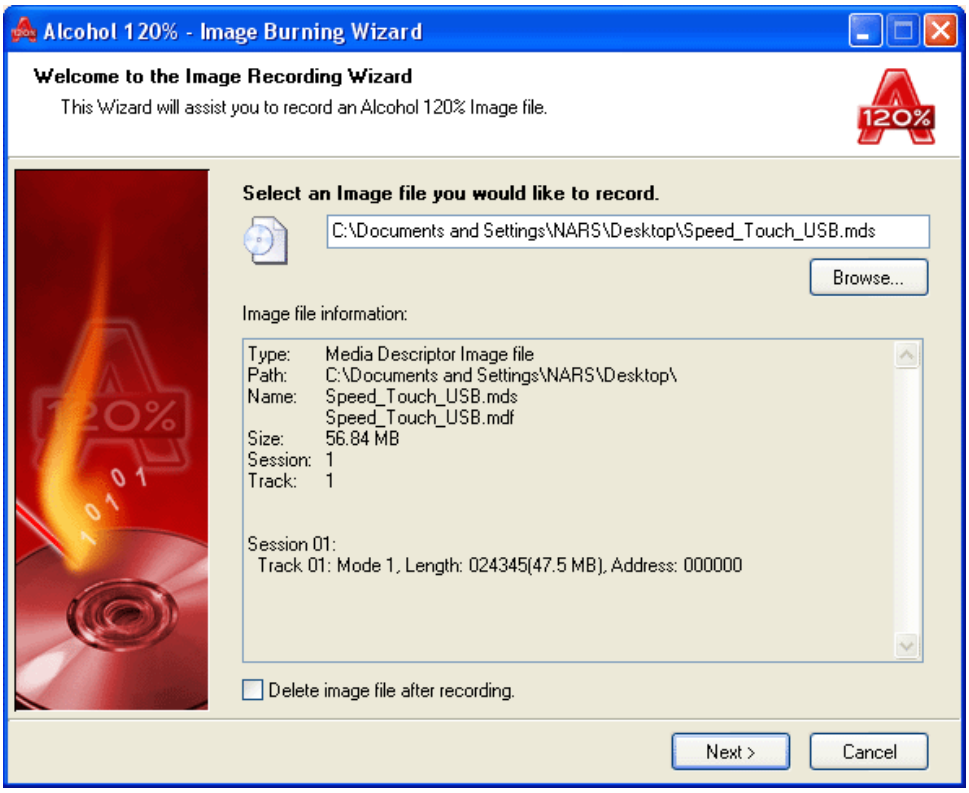
Select the DPM "Measuring Speed". Lower is better for more accurate results. It is advised to use 1x. This may sound slow but in fact it only takes about 3-4 minutes to run the DPM analysis at this speed.



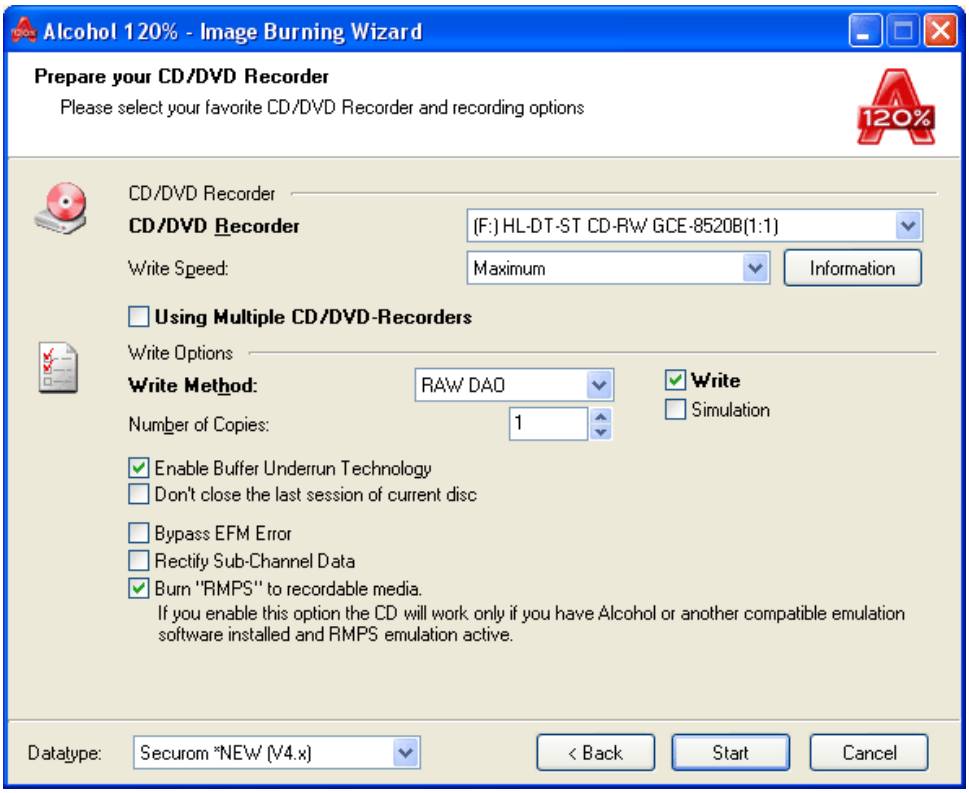
You may notice 2 read errors at the end of the reading. This is normal and has now become a telltale sign of the newest forms of the SecuROM protection. Use "View Log" and "Performance Graph" to view details of the reading process. Click "Finish" to complete the reading process.



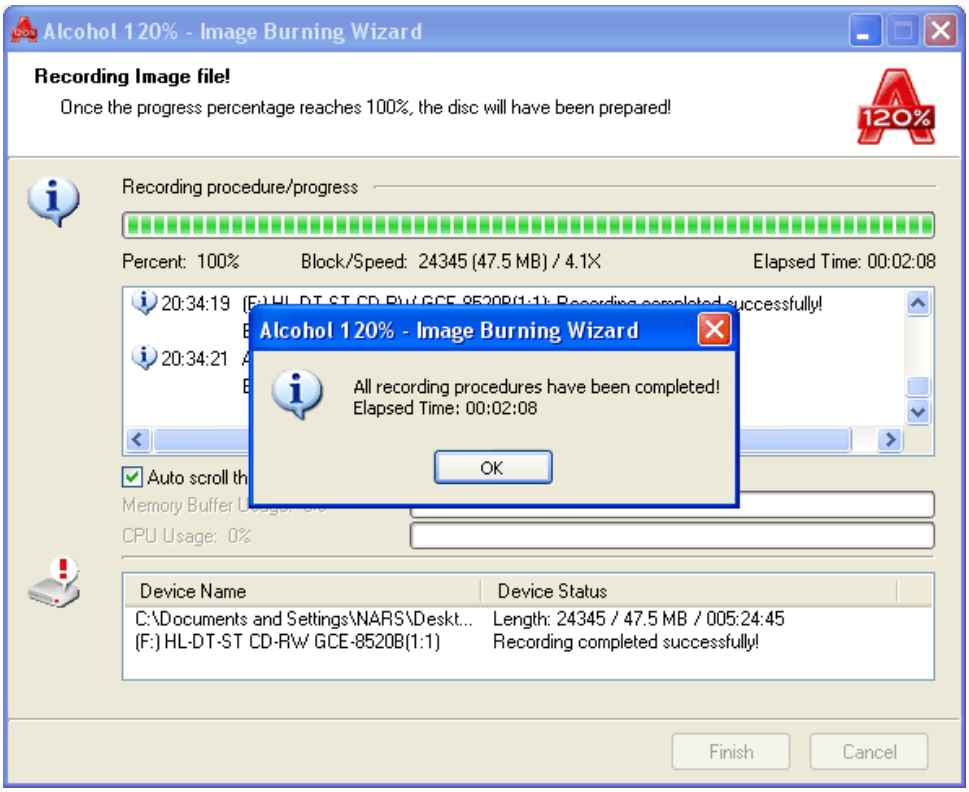
You should now be able to see the image you have just created. If you want to burn this image into a CD-R/W disc then proceed to the "Image Burning Wizard" (this option is only available in Alcohol 120%).



Browse and select your image file if it does not already appear as shown. Proceed by clicking "Next".

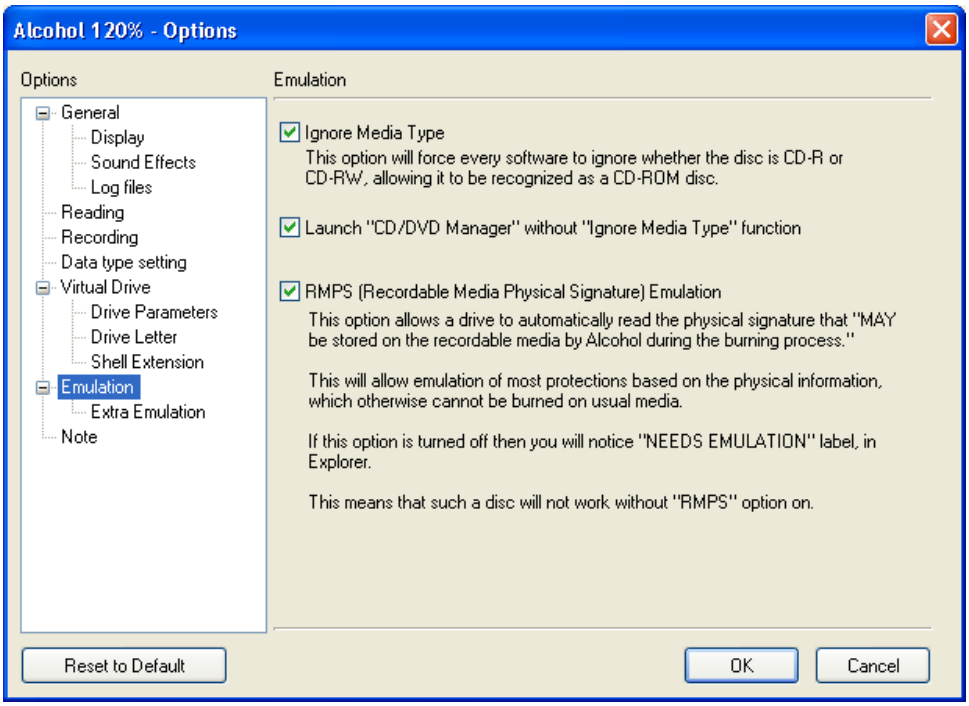


Again select the "Securom *NEW (V4.x)" Datatype. You will now see the "Burn RMPS to recordable media" option enabled. This feature will allow you to run SecuROM 4.8x protected titles from a CD-R/W as opposed to in a virtual drive. (Please note that in order to use this function you must have had DPM enabled for the read). Click "Start" to proceed.



Click "OK" and "Finish" to complete the recording process.

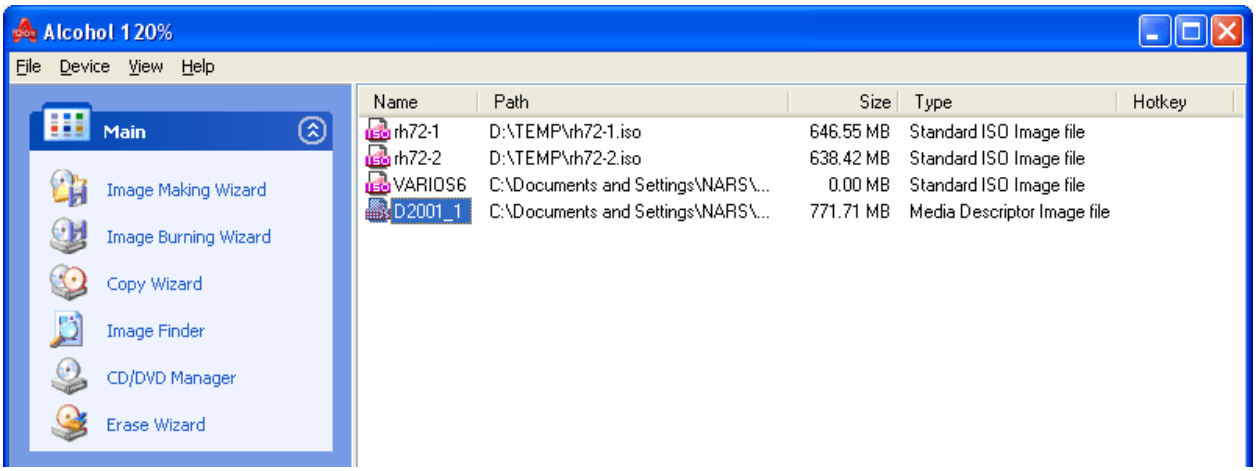
Go to "Options" and select "Emulation".



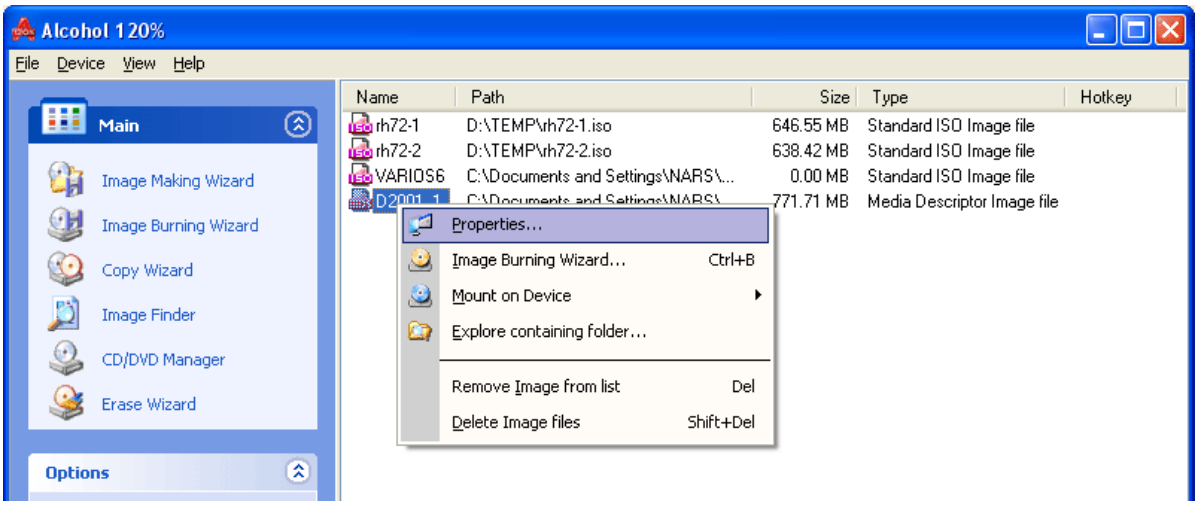
Enable RMPS (Recordable Media Physical Signature) and after clicking "OK" you can close Alcohol. You don't need to perform this task everytime, as it will remain enabled for the future.

You are now ready to use your backups.

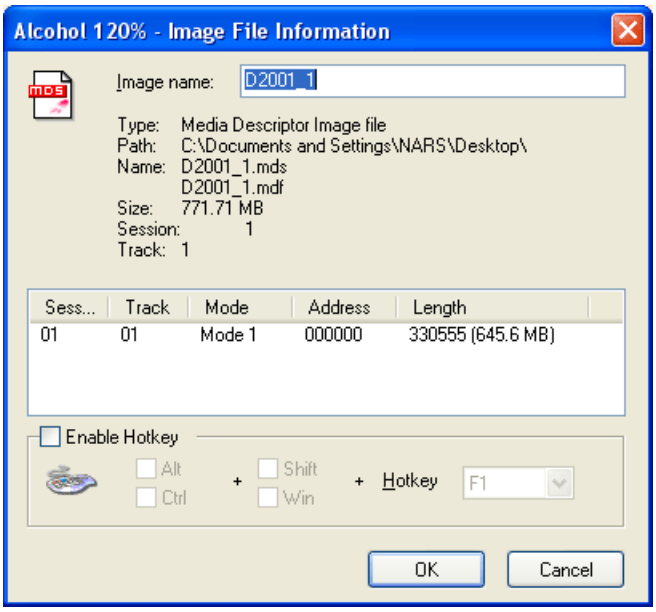
Switching between Multiple CDs/DVDs



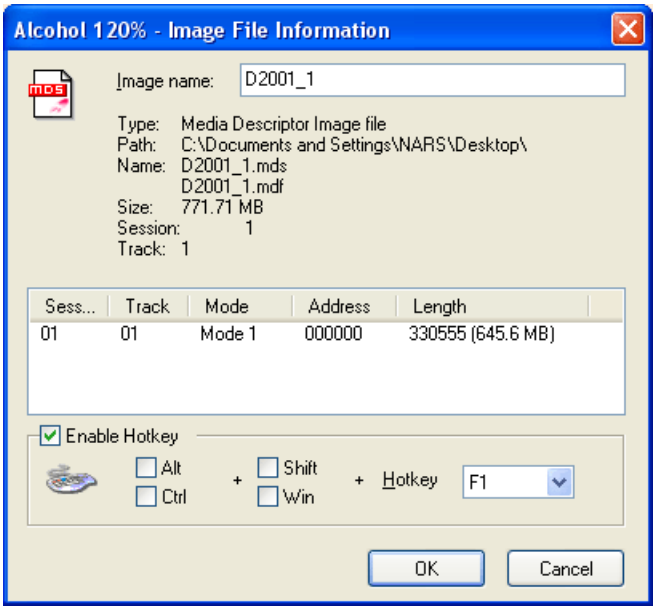
Choose the CD/DVD images you wish to switch between.



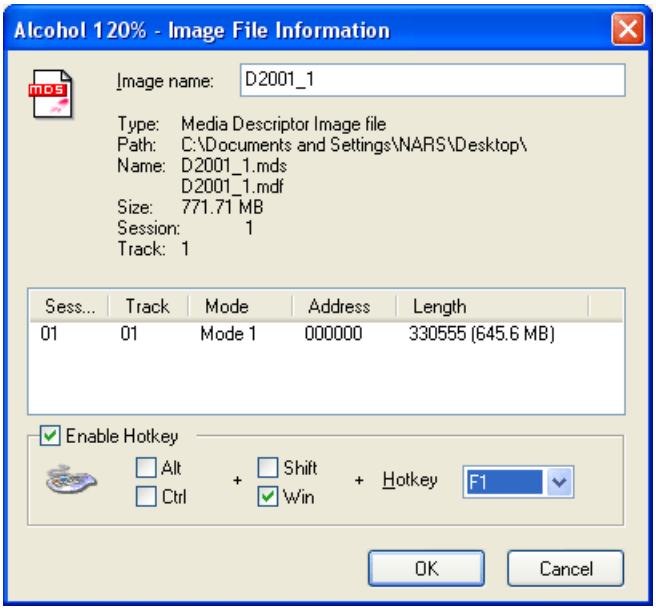
Right click on the chosen image file, and select Properties.



This window will pop up. Check Enable Hotkey.



Select your Hotkeys



Now you can switch between CD/DVD images when using multi CD/DVD software.

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