

Welcome to PrimoDVD

Congratulations and thank you for acquiring PrimoDVD.

What is PrimoDVD?

PrimoDVD is a state of the art DVD Mastering and Duplication software package. With this software, you can copy your existing DVD's, or create your own DVD-ROMs and DVD-Video discs. The built in robotics support allows you to prepare several recordings, start the recording, and leave the system unattended while the recording takes place. If your robotics system is equipped with a printer, this application takes care of handling the disc printing as well. This software also provides many advanced features, such as an Activity Log for viewing previous recordings, Error Code Reporting for troubleshooting, and a sophisticated Verify Tool which allows you to compare your burnt disc to the original. The ease of use of this application, coupled with its advanced feature set, make this application the ideal tool for everyone from the beginner to the professional in disc mastering and replication.

Getting Started

PrimoDVD is a fully compliant WIN32 application, therefore it works equally well on Microsoft Windows 95, Windows 98, Windows Millennium, Windows NT and Windows 2000.

System Requirements

PrimoDVD requires a minimum configuration including a 300 MHz or faster processor, with 32 MB of RAM. The video should be also capable of displaying 1024x768 pixels to allow a better view of more simultaneous jobs and the log panel.

DVD-ROM

It is possible to use your DVD-R drive to read data from source DVDs. However, the use of a separate, high-quality DVD-ROM drive as your source drive offers several advantages. First, it is usually possible to obtain DVD-ROM drives that will read much faster than the reader/writer drives used for recording, saving time when copying full DVDs.

Getting Started

To Install

PrimoDVD is delivered in a single setup executable file, named "PrimoDVD Setup.exe", that embeds the installation program, the PrimoDVD files, and the uninstaller.

If you received PrimoDVD on a CD, insert the disc in your drive and wait for the "autostart" to display the Setup window. If the autostart is not active on your computer (e.g. the Auto Insert Notification is turned off on the drive), click on My Computer, double-click on the CD-ROM drive you inserted the CD into, and look in the root for the "PrimoDVD Setup.exe" file. Once you have found it, double-click on the file to launch it.

To Uninstall

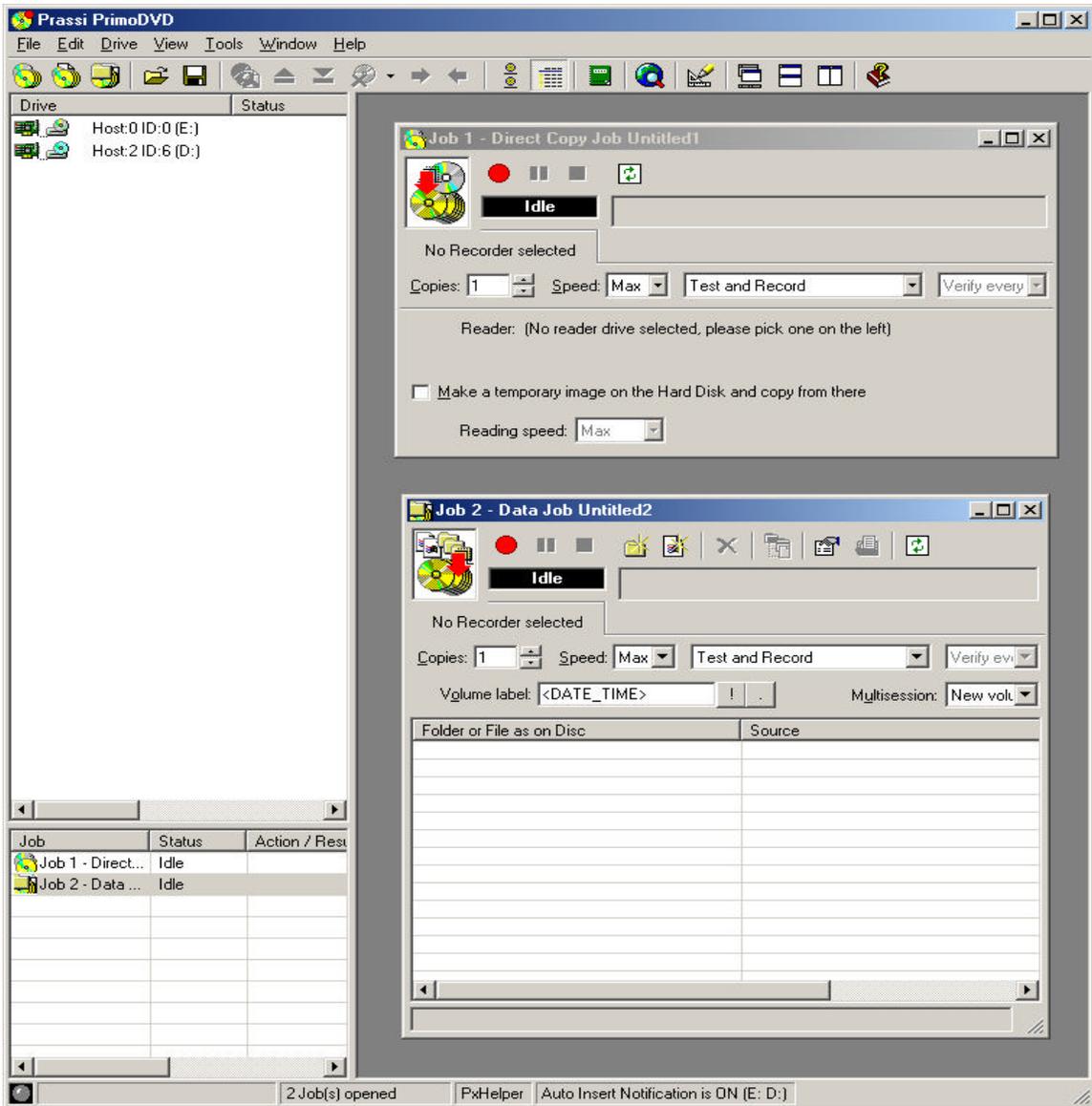
Go to the Start button, and select Settings. Double-Click on the Control Panel icon, and select **Add/Remove Programs**. Select the PrimoDVD software, and click the Remove button. When it is uninstalled, PrimoDVD does not leave anything behind in the system.

User Guide

The following offers instruction on the design and layout of PrimoDVD. Of course, being a professional mastering application, there are many parts of program to understand. This guide will focus on the general concepts of the PrimoDVD application.

The Application Window

The main screen of PrimoDVD will initially be displayed with three adjustable-size windows: the Drive Status Window, the Job Status Window, and the Job Setup Window. The Activity Log Panel will also be displayed if it was open when the application was last closed. It can be hidden by selecting View: Activity Log Panel: Hide.. The size of each window can be adjusted by positioning the cursor on the border and dragging the windows edges. These adjustments will be saved when you close the application so that when you re-open the application, it will appear as you left it previously.



Drive Status Window

The Drive Status Window lists all of the CD-ROM, CD-R/RW, DVD-ROM and DVD-R/RW drives installed in the system. The default display in the Drive Status Window is a list of the drives available for reading and recording with a small icon to the left of the drive description and drive status displayed next to the drive title. The columns can be moved and re-sized in this window by dragging and dropping the column headings, or by sliding the column dividers.

During various operations, such as recording or testing, a message is displayed in this window showing what each drive is currently doing (loading, unloading, rejecting, recording, testing, reading, etc). In addition to this, right clicking on any of the drive icons will open a control panel that allows the drive to be loaded and unloaded, its tray opened/closed, etc.

Log Event	Description
101 - 10/11/2000 10:34:23 ...	Prassi PrimoDVD Build 1.3.382 - Windows 98 - PxHelper
199 - 10/11/2000 10:47:42 ...	Prassi PrimoDVD Terminated
101 - 10/11/2000 10:52:57 ...	Prassi PrimoDVD Build 1.3.387 - Windows 98 - PxHelper
199 - 10/11/2000 11:46:56 ...	Prassi PrimoDVD Terminated
101 - 10/11/2000 12:11:15 ...	Prassi PrimoDVD Build 1.3.387 - Windows 98 - PxHelper

Recording

Three basic recording operations are available: actual recording, test recording and verifying. Testing performs all of the operations of recording with the drive's laser turned to reading power. Performing a test will run the drive through the job, but will not record to the DVD-R disc. A test run will help determine if the data source (your DVD-ROM drive or Hard Drive) will be fast enough to keep up with the DVD Recorder. Normally, a single test run is sufficient to determine whether the Job will be able to be completed successfully.



After the jobs have been set up, each one may be started by clicking the red "Record" button at the top of the Job Setup Panel.

While jobs are running, they may be paused or stopped by clicking on the buttons on the Job Setup Panel. The pause button will allow the current disc to be completed, then suspends operations on that job. Recording is resumed by clicking the pause button again. The stop button will abort any recording in progress, and will place the current disc into the reject stack and terminate the job.

Quick-Start Recording Guide

The following section will briefly guide you through the steps required for each type of job available to you through PrimoDVD. More detailed information regarding the jobs and their individual functions can be found in the help files included with the PrimoDVD application.

Setting up a Disc Copy Job

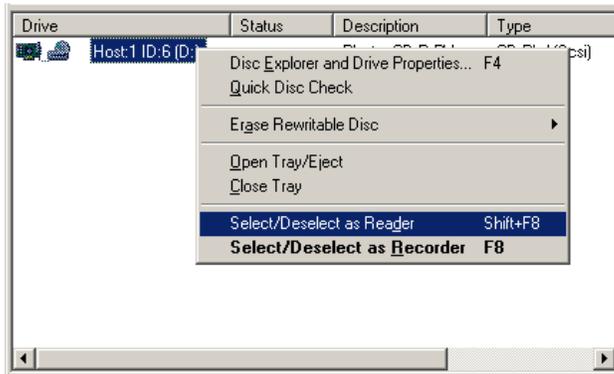
The following procedure is for copying a disc directly from another drive, either a DVD-ROM or an unused recorder. If you do not want to copy directly because a reliable and fast source DVD drive is not available, or if you prefer to go via file image, please follow "Setting up a Disc Image Job" later in this section.

1. Open the PrimoDVD Application

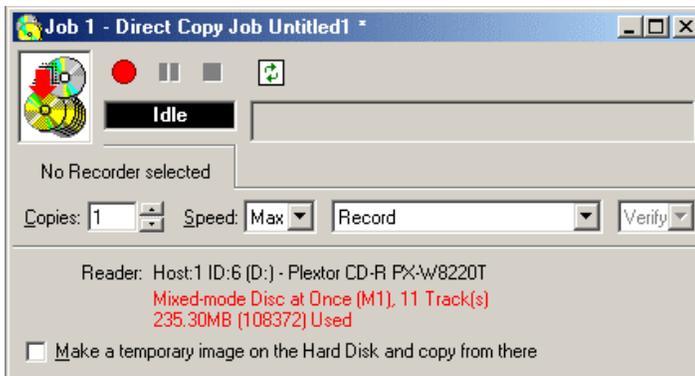
- From the Menu bar, select File, New Job, Disc to Disc Copy. A Job window will now open in the right side of the application.



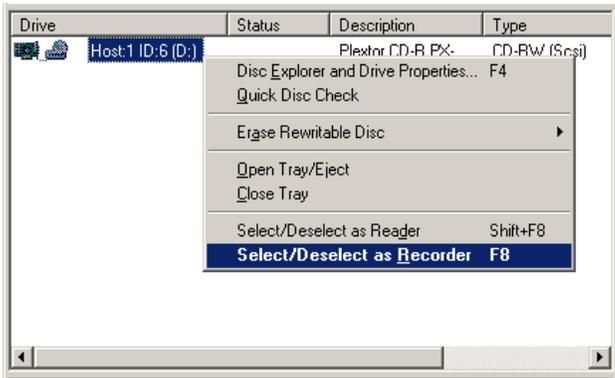
- On the left portion of the screen is the drive list. In this window, select the source that contains the disc to copy by right-clicking on the drive icon, and select the "Select/Deselect as Reader" option.



- Check that the correct characteristics of the source disc appear in the lower side of the Job window (the source disc is detected and analyzed). If the disc is not yet in the drive and you put it there after you selected the reader drive, you may need to push the Refresh button in the Job window. This button resembles the recycle symbol.



- Now, in the drive list, highlight the recorder where you wish to copy. Right-click on the highlighted recorder and select "Select/Deselect as Recorder".

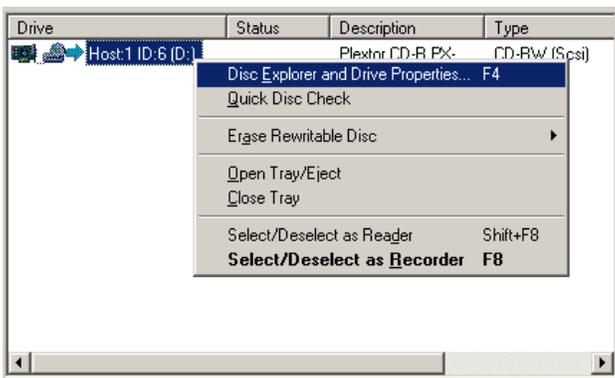


6. In the Copy Job dialog box, set the number of copies, the speed (if you select a speed that the recorder does not support, it will default to the immediate lower one), and the action: Test, Test and Record, etc.
7. Press the red button to activate the action.

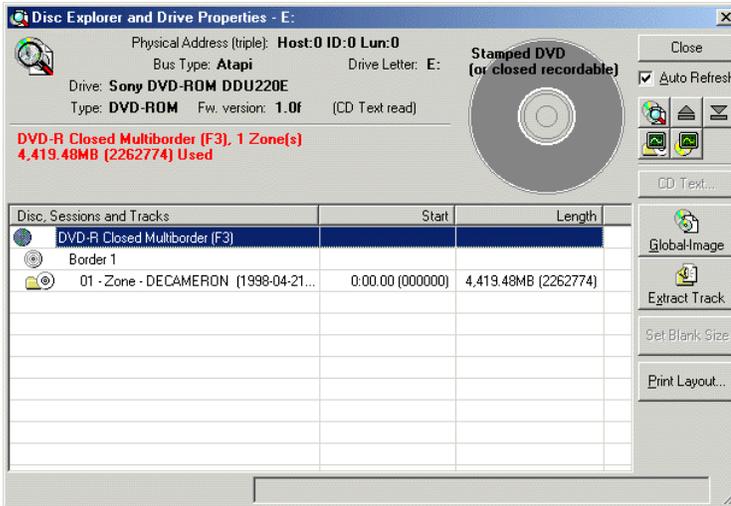
Setting Up and Recording a Disc Image

This procedure is useful when you need to make several copies of the same disc and you do not want to read from the source drive every time. Also, by having the Global-Image file stored on the hard disk allows you to immediately return the source disc if necessary.

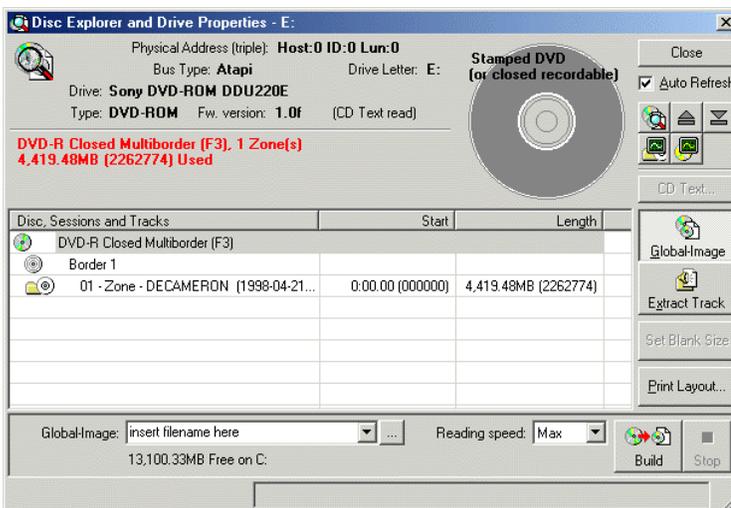
1. Open the PrimoDVD Application
2. Insert the master disc into a drive. In the drive list, highlight that drive, right-click and select "Disc Explorer and Drive Properties".



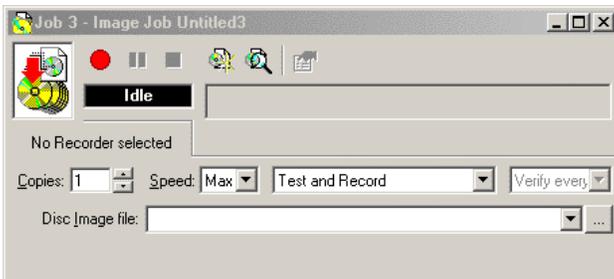
3. Check in the Disc Explorer window that the source disc is correctly read (push the "Refresh" button if "Auto Refresh" checkbox is not checked).



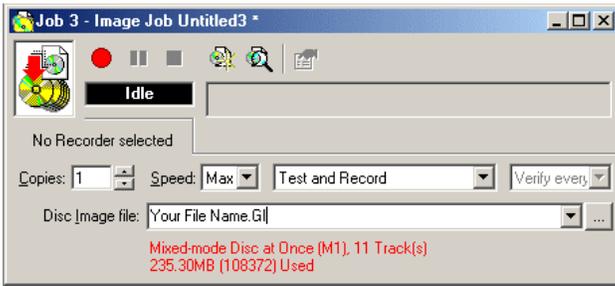
4. Press the "Global-Image Panel" button and in the panel that appears at the bottom of the Disc Explorer dialog enter the name of the file that will contain the disc image (.GI extension) and then press "Build".



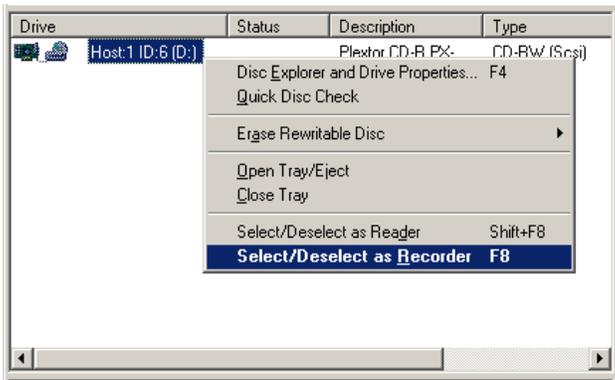
5. Wait until the image is completely built and then close the Disc Explorer dialog.
6. From the Menu bar, select File, New Job, Global-Image or Other Image. A Job window will now open in the right side of the application.



- In the Image Job dialog box, enter the name of the .GI file you created into the Image field name.



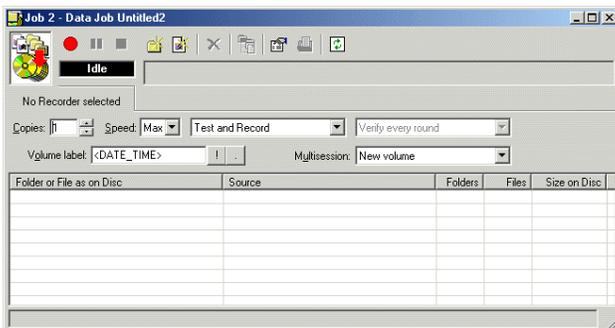
- Now, in the drive list, highlight the recorder where you wish to copy. Right-click on the highlighted recorder and select "Select/Deselect as Recorder".



- In the Image Job dialog box, set the number of copies, the speed (if you select a speed that the recorder does not support, it will default to the immediate lower one), and the action: Test, Test and Record, etc.
- Press the red button to activate the action.

Setting Up a Data Disc Job

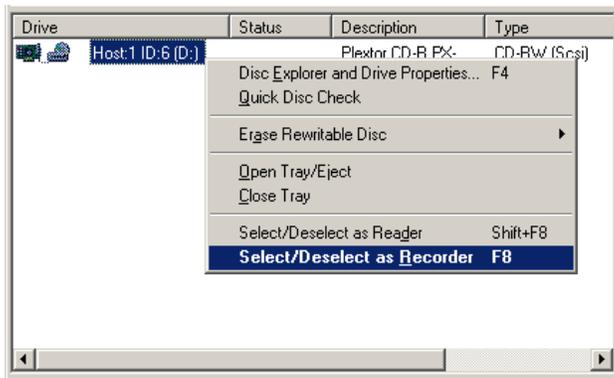
- Open the PrimoDVD Application
- From the Menu bar, select File, New Job, Data Job. A Job window will now open in the right side of the application.



3. In the Data Disc dialog box, drag and drop the folder(s) and the file(s) you need to record into the Job window. You may also right-click in this window and select the Add File or Add Folder options.

To create a DVD-Video discs, simply add the Video_TS and Audio_TS directories which were created by your DVD Authoring Title. The PrimoDVD Application will automatically record the files in the appropriate structure, creating a valid DVD-Video disc.

4. To adjust the destination folder on the disc, highlighting the proper entry in the list, right-click on the highlighted area and select "Modify Folder on Disc". This will allow you to adjust what directory the files are placed in on the DVD.
5. Now, in the drive list, highlight the recorder where you wish to copy. Right-click on the highlighted recorder and select "Select/Deselect as Recorder".
6. In the Data Disc Job dialog box, set the number of copies, the speed (if you select a speed that the recorder does not support, it will default to the immediate lower one), and the action: Test, Test and Record, etc.



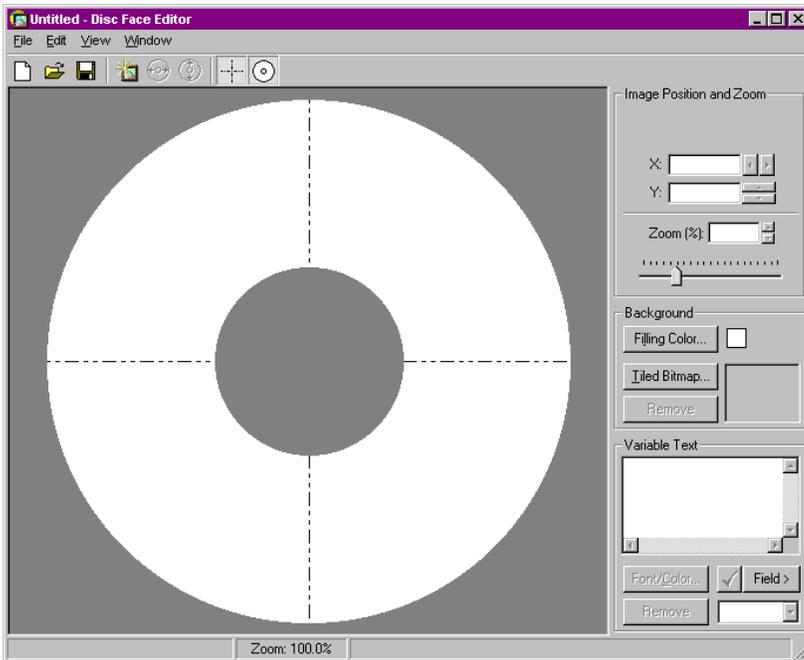
7. Press the red button to activate the action.

Disc Printing

This application contains several tools for creating and printing onto printable CD-R and DVD-R discs. PrimoDVD includes a Disc Face Editor, which allows you to create and layout your own CD and DVD artwork. In this section, we will discuss the use of the Disc Face Editor, and the various printing options available in PrimoDVD.

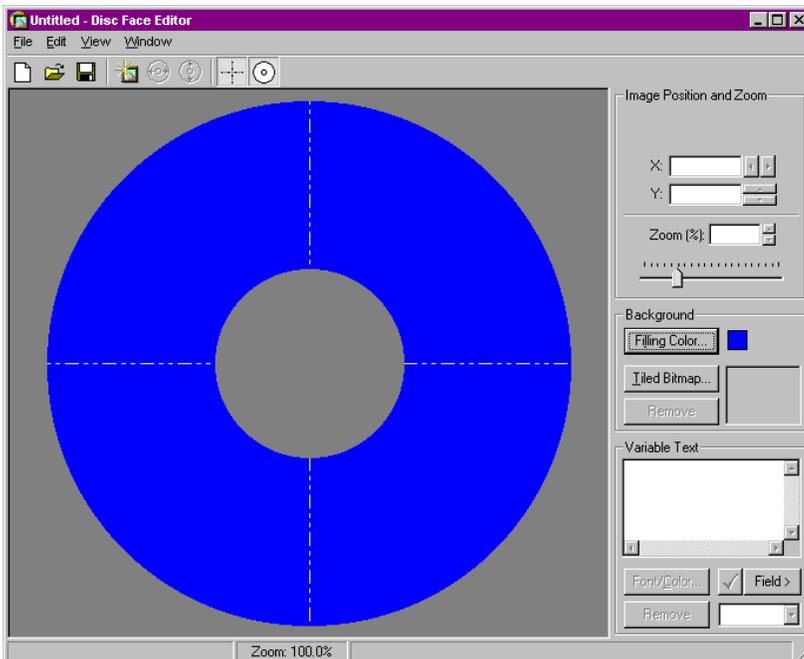
Disc Face Editor

The Disc Face Editor provides an easy means to layout your DVD artwork. You may also put text on the disc, or use the predefined fields to include information such as the date, disc number, round number, and time. To open the Disc Face Editor, click on the Tools Menu, and select Disc Face Editor. This will bring up the following window:

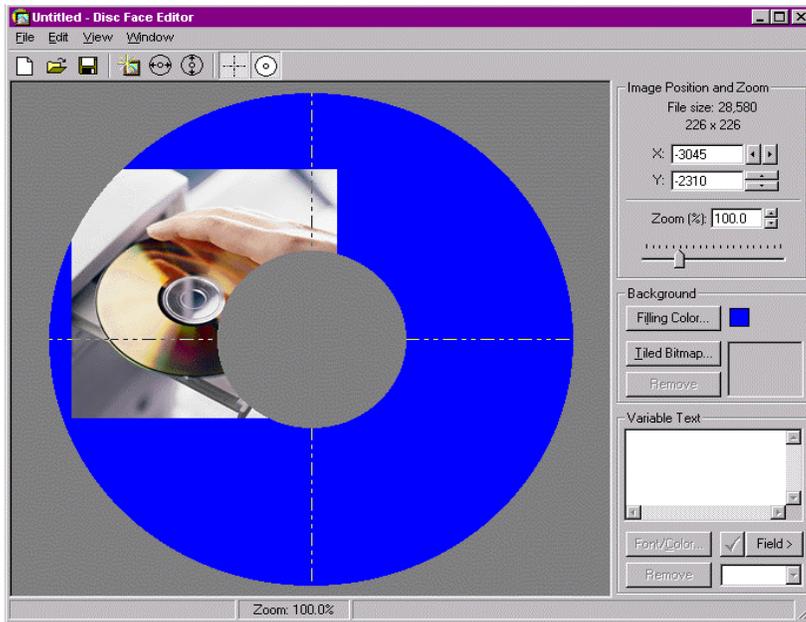


This utility allows you to layout your disc in a variety of ways. All options available in the Disc Face Editor are available from both the main screen, as well as the File Menu.

To use a solid background color for your disc, simply select the “Filling Color” button, and select the color you wish to use. You will notice that the image of the disc changes colors to show your current layout:



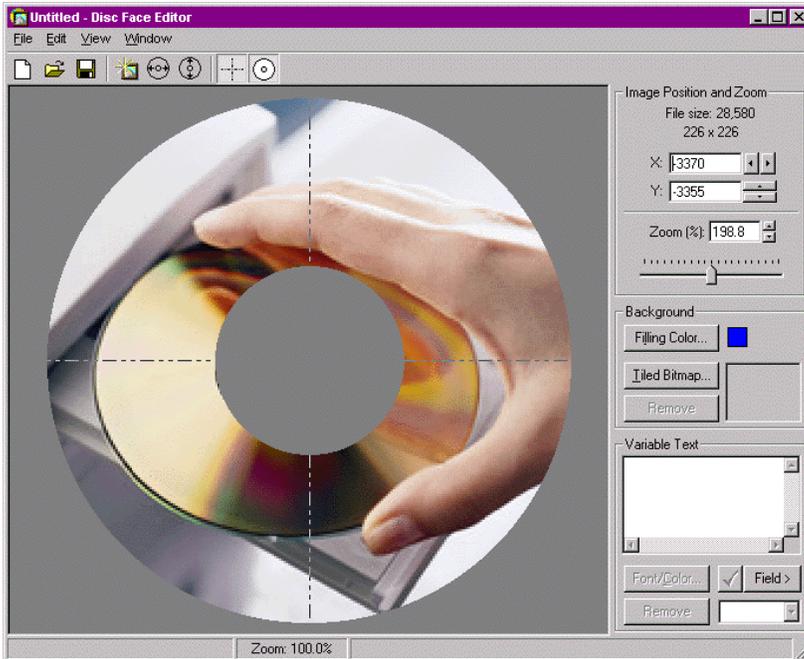
You may also insert a graphic into the disc layout. Do this by selecting the picture frame on the toolbar, or by clicking Edit, and choosing “Select Image...”. You may then select a valid .BMP, .JPG, or .GIF file to insert onto the disc:



Once you have inserted your graphic, the image can be moved simply by dragging and dropping it to the appropriate location. You can also move the graphic by selecting the X,Y position for the graphic. This can be done by going to the Image Position and Zoom window. From there, you may use the Up/Down/Left/Right arrows to move the graphic, or you may enter an X and Y value manually.

This window also provides the option to zoom your graphic. You may use the slider control, or manually enter a value to zoom the graphic. Using the zoom tool, you may blow up a smaller image to cover the whole disc.

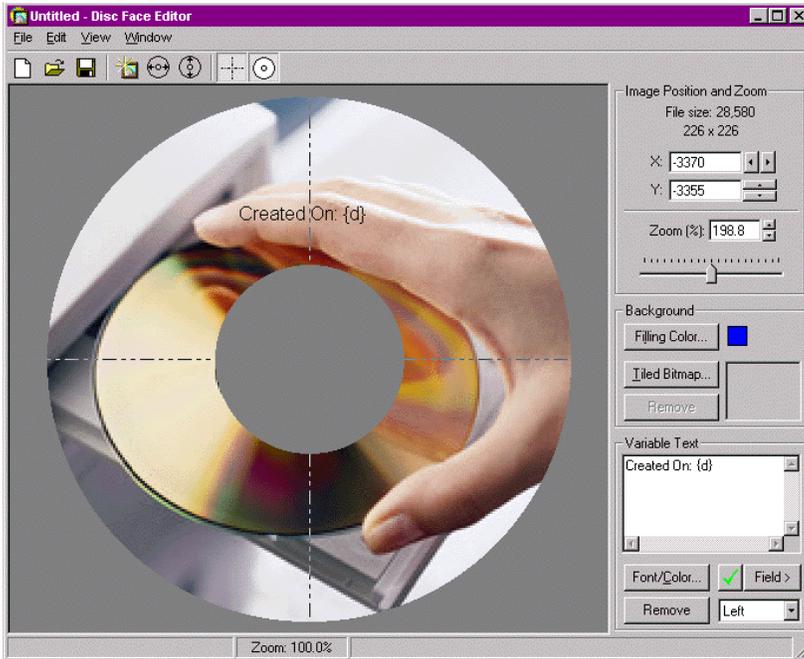
The Disc Face Editor also features two automated controls for zooming the image. The first will resize the graphic so that the picture will cover the disc from left to right. This is best used for images that are taller than they are wide. This option can be used by clicking on the image on the toolbar displaying a disc with arrows pointing left and right. The second will resize the graphic so that the picture will cover the disc from top to bottom. This is best used for images that are wider than they are tall. This option can be used by clicking on the image on the toolbar displaying a disc with arrows pointing up and down.



The last option of the Disc Face Editor is the ability to insert Text into the display. You may insert text by clicking on the Variable Text box, and typing your text. Once your text is typed in this display, you may move it by clicking on the text, and dragging and dropping it to the appropriate location.

The Variable Text box also allows you to insert variables, which, when used during the recording process, will be replaced by the correct information. For example, you can insert a variable which will insert the Date of the recording. You may do this by clicking on the “Field >” button, and selecting the variable you would like added.

You can also mix your fixed text with variable text. For example, you could type in: “Created on: ” and then click on “Field >” and select “Date”. When used in a recording, the disc would be printed with the text field showing this information. For example, if the recording takes place on July 4th, 2000, the disc would show “Created on: 7/4/2000”.



By default, the display will show the variable information in the Disc Face Editor. The actual values can be displayed by clicking on and holding down the box showing a green checkmark.

From the Disc Face Editor, you can print the discs, or you can save them for later use. To save a job, select File, and click the Save button. Enter the file name you wish to save the job as. Be sure to note the location you saved the file in, so that you will be able to find it for later use.

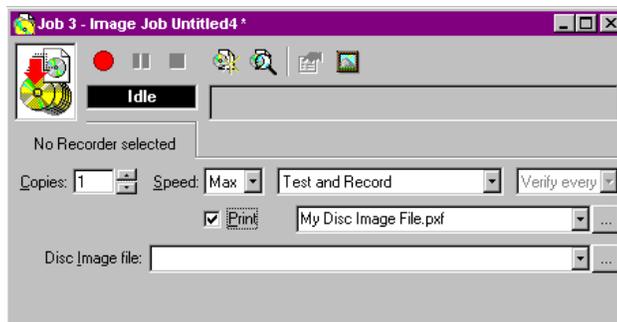
Printing in PrimoDVD

When PrimoDVD detects the presence of a robotics unit, the features for utilizing your CD Printer will be activated. Each of the Job windows will now contain an area where you may input the name of the Disc Layout you created using the Disc Face Editor. They will also contain a checkbox labeled "Print". Checking this box will cause PrimoDVD to print the disc after the recording.

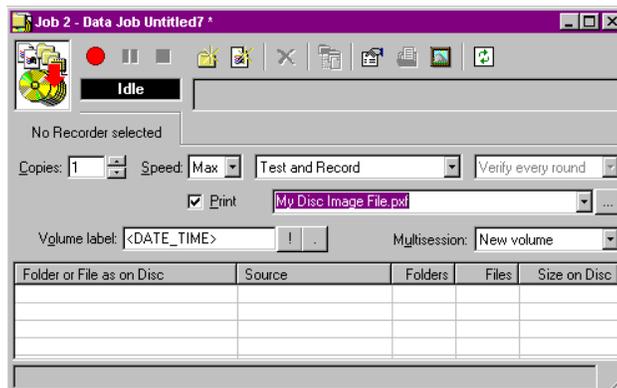
The Copy Job Window:



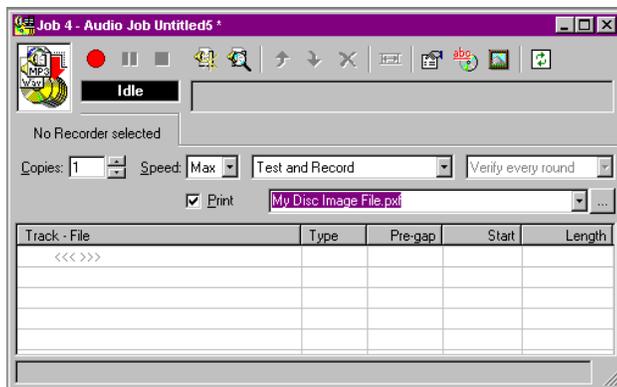
The Image File Job Window:



The Data Job Window:



The Audio Job Window:



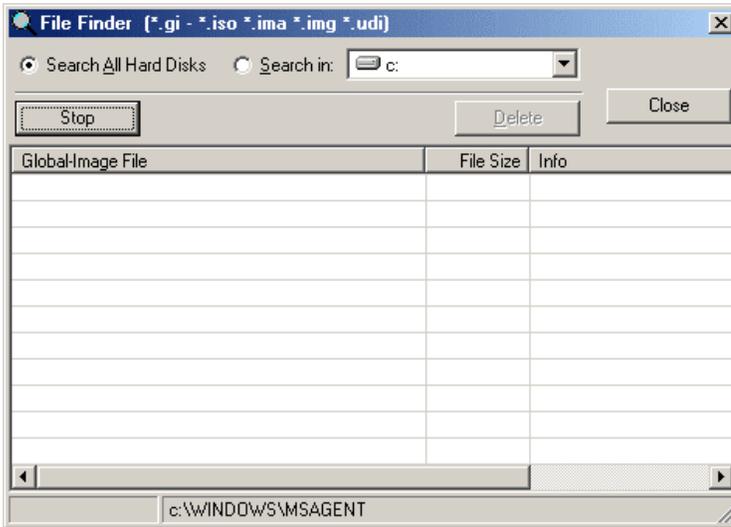
Tools and Options

This section describes the various Tools and Options available through the PrimoDVD application. Many of these tools are useful for speeding up the job creation process, as well as for tuning the application for your specific configuration.

The Global Image Finder

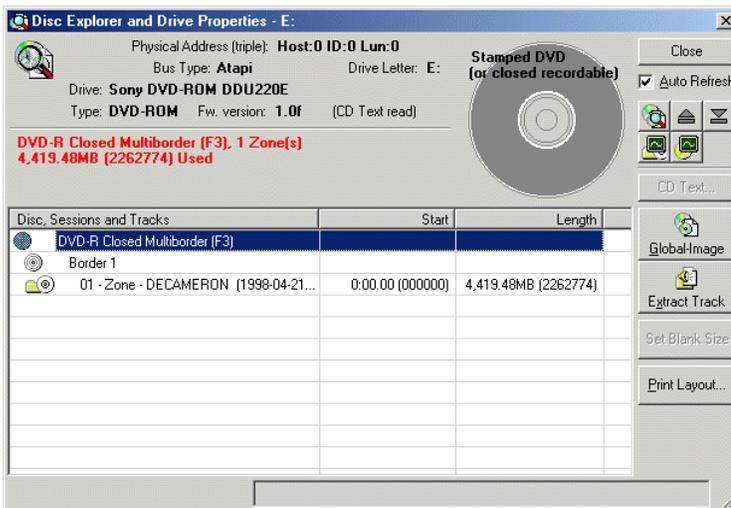
To utilize the Global Image finder on the menu, select Tools, Global Image, Finder. The Global Image Finder will find all Global Image files on your hard disk. You may also launch the Global Image

Finder by selecting the Magnifying Glass icon on the Global-Image or Other Image Job window. For added convenience, a delete button is available to assist in cleaning the no longer used Global Image files from your machine.



Disc Explorer

The Disc Explorer is a major component of the PrimoDVD application. To access this window, right click on the drive you wish to explore, and select Disc Explorer. From the Disc Explorer, you may also select to print the layout of the DVD by clicking on the Print Layout Button. This will print a detailed list of all the sessions and tracks of the DVD, including start, stopping and length information for each.



File Verify

The File Verify is a very special feature present in PrimoDVD. When setting up a recording job, you may select to verify the disc after recording which will verify the integrity of the copy from a disc copy level. The File Verify goes a step further by allowing you to verify the files recorded onto a disc against the source files, to be sure the file system is intact.

Program Options

The Options menu can be reached by selecting Tools, Options from the menu bar, or by pressing F3 at any time. The options menu gives you the ability to modify settings for the following categories: General, View, Data Job, Temporary, Job/Round, Blank Size, and Advanced. Information regarding the individual settings in this panel can be found in the PrimoDVD Help Files.