



High resolution photo inkjet for direct printing to CD/DVD

Da Vinci Pro 6-6 User Guide

Instructions for installing & using your new printer

Version 1.0	18/03/2008	First Release	JW
Version 1.1	27/03/2008	Updated	JW
Version 1.2	21/07/2009	Updated	JW
Version 1.3	21/07/2010	Updated	JR
Version 1.4	14/10/2010	Updated	JR
Version 1.5	02/09/2011	Updated	JR
Version 1.6	19/12/2011	Updated	JR

Safety information



Warning:

This appliance must be earthed. Refer to the rating plate for the voltage and check that the appliance voltage corresponds to the supply voltage.

Important: *The wires in the mains lead fitted to this appliance are coloured in accordance with the following code:*

Green and yellow — Earth

Blue — Neutral

Brown — Live

Warnings, Cautions, and Notes



Warnings must be followed carefully to avoid bodily injury.



Cautions must be observed to avoid damage to your equipment.

Notes contain important information and useful tips on the operation of your printer.



WARNING

To avoid electrical shock hazards, unit covers should only be removed by authorised personnel.



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ENVIRONMENTAL PROTECTION

Waste electrical products should not be thrown away with household waste. Please recycle where facilities exist or call us and we can arrange collection (Uk only) and disposal.

Copytrax reserve the right to amend or modify the specifications and design criteria applying to these products.

**DaVinci Pro 6-6 CD printer.
Contents.**



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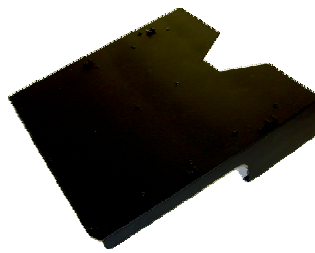
Adjusting the fit of the CD.

Printing.

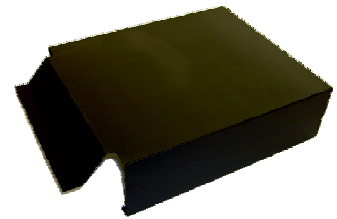
DaVinci Pro 6-6 CD printer. Unpacking.



Printer



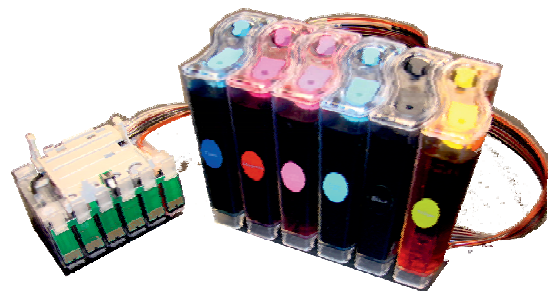
Input guide



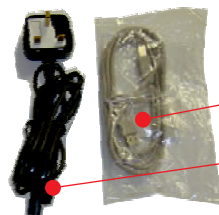
Output support



CD tray



Bulk ink system (CISS)*
Already fitted



Packing checklist

USB cable

Mains cable



User manual
Printer driver
Image software**
Reset Utility

1. Unpacking.

Prepare a clean area of desk space to unpack the printer parts.

Check that all of the parts shown are included in the box.

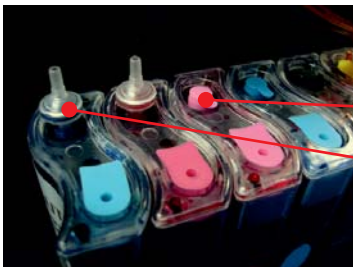
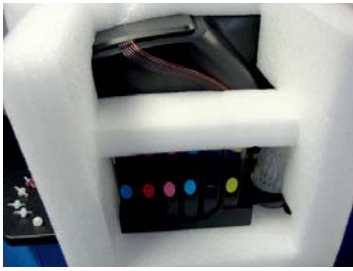
Note.

*Ink system design may vary from picture.

**Free bundled image software may vary, depending on stock at time of order/shipping.

Do not discard the box but store it safely in case the printer should ever need to be returned for any reason.

DaVinci Pro 6-6 CD printer. Preparing the ink tanks.



1. Fitting the air filters.

When the printer is packed at the factory the ink tanks will have stoppers in the air vents to stop any ink leaking in transit. The procedure below explains how to fit the air filters to the vents enabling clean ink flow for trouble free printing. Once the air filters are installed you might need to do 2-3 print head cleans to get the ink flowing at its best.

Remove the top tray & its contents. Carefully lift the printer from its box leaving the two foam ends on the printer. Place on a table with easy access all around. Remove both foam ends being especially careful with the ink tank end so as not to pull or damage any pipes.

Locate the small bag containing 6 clear filters. Lift the ink tank assembly from its tray & place upright on the bench.

Remove the coloured rear transport stoppers being careful not to spill ink.

Gently press the clear filters into the recess from which the stopper was fitted.

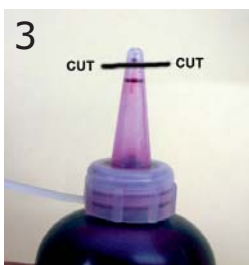
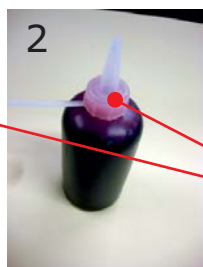
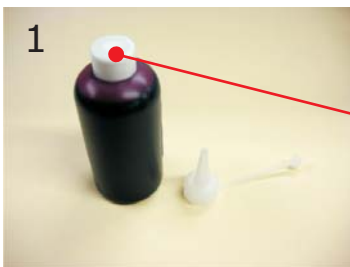
CAUTION! PRESSING THE FILTER IN TOO HARD WILL CRACK THE INK TANK.

Once all the clear filters are fitted you can place the ink tank assembly back into its tray.

THE INK SYSTEM IS READY FOR USE.

2. Ink Filling

You will need:
Copytrax CD printer refill ink (dye based).
Protective gloves & goggles.



Remove the top from the refill bottle(1) & fit the supplied nozzle(2). Cut the top of the nozzle off with a sharp knife(3) to allow the ink to flow.

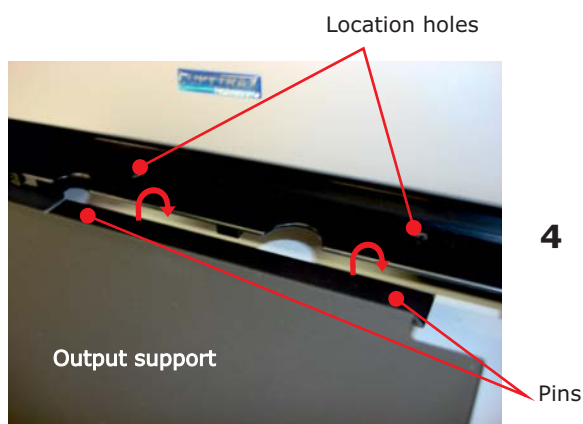
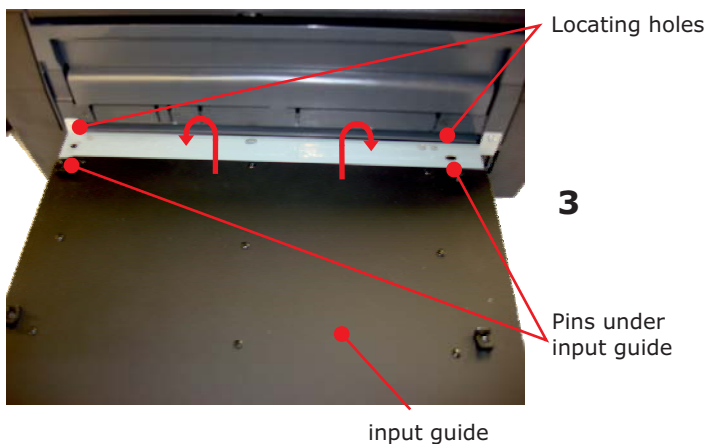
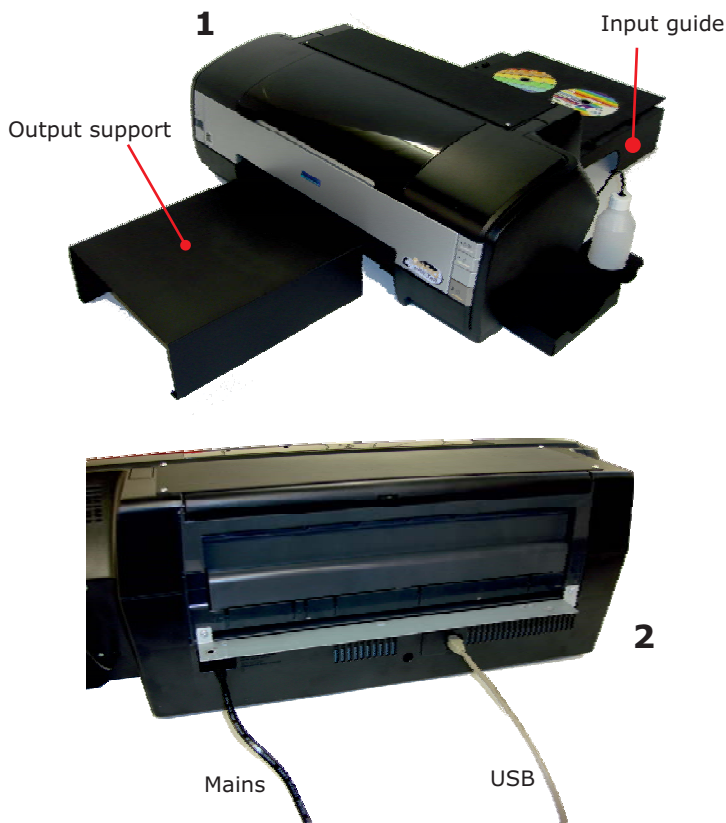
Refilling can be done with the ink tank in its tray.

Pull the front coloured stopper from its hole(4) & carefully refill with Copytrax CD printer ink(5). Refit the stopper before use.

ALWAYS KEEP THE INK TANKS UPRIGHT.

WARNING..ONLY USE COPYTRAX CD PRINTER INK IN THIS PRINTER. DAMAGE CAUSED BY NON-COPYTRAX APPROVED INK WILL NOT BE COVERED UNDER WARRANTY.

DaVinci Pro 6-6 CD printer. Setting up.



1. Space to work.

Prepare an area of desk space to set up the printer. A space of 135cm wide x 62 cm deep is required.

The desk should be stable and level, in a place free from dust, humidity, movement, vibrations and away from direct sunlight.

Place the printer in the centre of the desk space with the control end of the printer nearest the front of the desk.

When using the printer you will be working from the side of the printer and not from the front as desktop printers are conventionally used.

2. Connecting the cables.

Move the input guide aside. Do not connect the mains cable to the mains supply at this point, but plug it into the rear of the printer.

Plug the USB cable into the rear of the printer.

3. Fitting the input guide.

Locate the 2 pins on the underside of the input guide into the location holes on the metalwork on the rear of the printer.

Ensure that the input guide is sitting level on the desk top and that the cables pass through the opening in the side of the input guide and are not trapped underneath it.

4. Fitting the output support.

Locate the 2 pins on the end of the output support & fit them into the 2 location holes in the front of the printer body.

Ensure that the support sits level on the desktop and nothing is trapped underneath it.

DaVinci Pro 6-6 CD printer. Connection and software installation .(Windows)



ON/OFF

1. Connection.

Connect the USB cable to your PC.

Connect the mains plug to the mains supply.

If the printer comes on when you plug in the mains cable **turn it OFF** by pressing the on/off button.

2. Installing the printer driver.

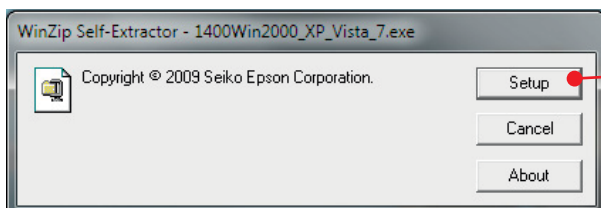
After connecting the printer and PC you need to install the printer driver from the CD-ROM.

A. Make sure that printer is off, then turn on your computer. Turn off any virus protection software and cancel any set-up wizard or the 'New hardware found' window if it has opened.

B. Insert the printer software CD. If the Installer dialog box does not appear click on 'my computer', click on the CD rom icon, then click 'open'. Then double-click on Autorun.exe.

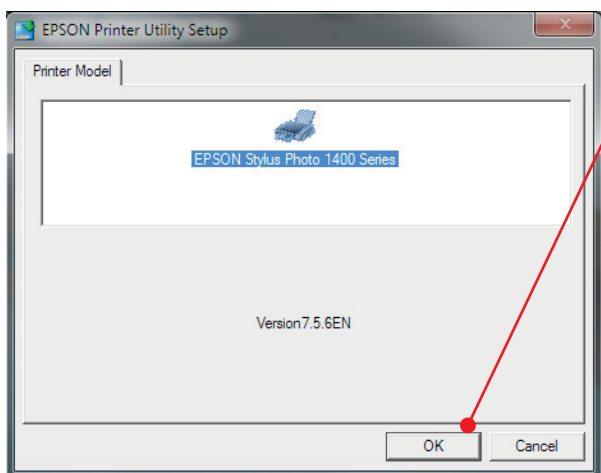


C. Click 'Install Printer Driver'. Then click on the relevant driver for your Windows Operating System. It will be a 32-bit or 64-bit system. If you are unsure consult the properties within 'My Computer'.



D. Select 'Setup'.

E. Select 'OK'.



F. Follow the onscreen instructions to complete the installation.

G. The Stylus pro 1400 printer will automatically be installed in your windows printer list & assigned a unique USB port.

The printer is now installed.

DaVinci Pro 6-6 CD printer. Connection and software installation .(Macintosh)



ON/OFF

1. Connection.

Connect the USB cable to your mac.

Connect the mains plug to the mains supply.

If the printer comes on when you plug in the mains cable **turn it OFF** by pressing the on/off button.

2. Installing the printer driver.

After connecting the printer and mac you need to install the printer driver from the CD-ROM.

A. Make sure the printer is off, then turn on your Macintosh. Turn off any virus protection software.

B. Insert the printer software CD. The driver is located in the following folder: Autoplay/MAC. Open the file within this folder to begin the installation. Follow the onscreen instructions. *The following installation example may not be relevant to all MAC users.*

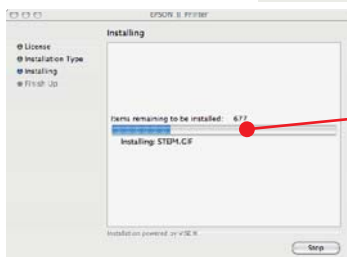
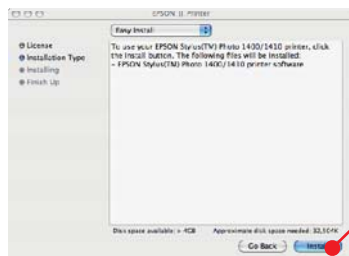
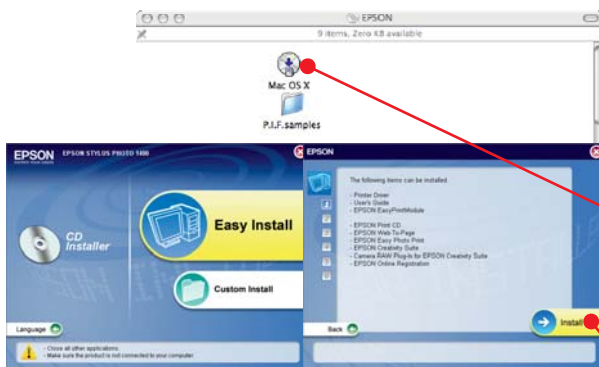
C. If the Install Printer Driver/Utility folder appears in the Epson folder, open it and double click on the installer icon.

D. At the initial screen, click 'Easy Install'. Then the installer dialogue box appears.

E. The installer will show what items are to be installed, then click 'install'.

F. Installation will start. A progress bar will show the status of installation.

G. When a message appears to inform you that the software was successfully installed, click 'Quit'.



DaVinci Pro 6-6 CD printer. Connection and software installation continued .(Macintosh)



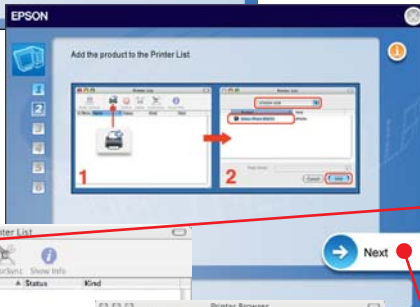
3. Printer Installation.

Once the driver installation is complete the printer connection window will appear.

Turn on the printer by pressing the power button on the front of the printer.

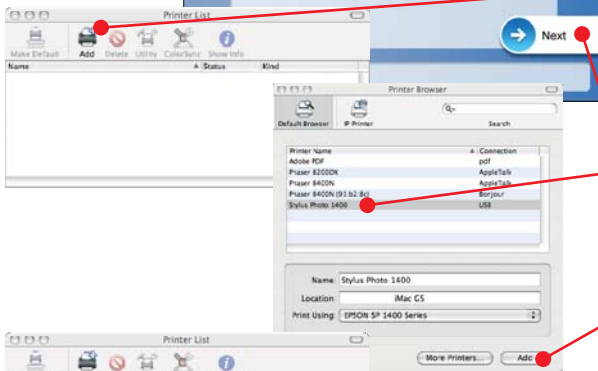


Click 'Next'.



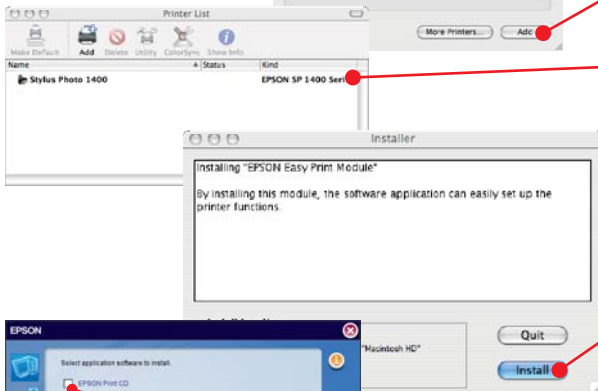
The next window gives you instructions on how to add a printer to the printer list. The printer list should be open on the desktop.

Click 'Add'. This will open the printer browser window.



From the printer browser window select 'Stylus Photo 1400'

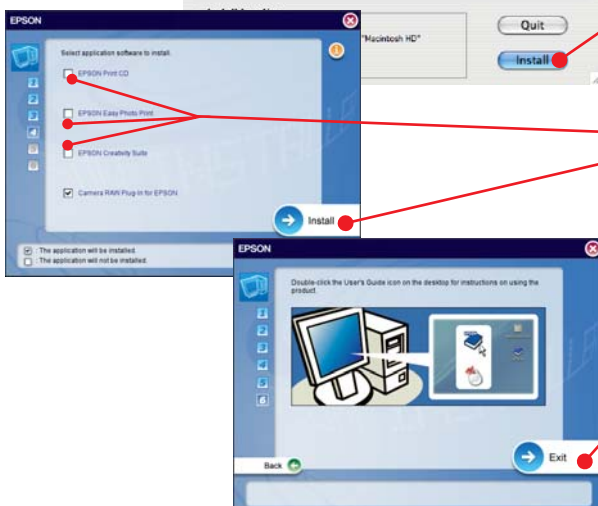
Click 'Add'



The printer list window will now show the Stylus Photo 1400.

Click 'Next' & the installer window will appear.

Click 'Install'



In the Applications software install window, uncheck the first three boxes & click 'Install'

On the final window click 'Exit'.

Your printer is now installed.

DaVinci Pro 6-6 CD printer. Control panel functions.



On/Off button

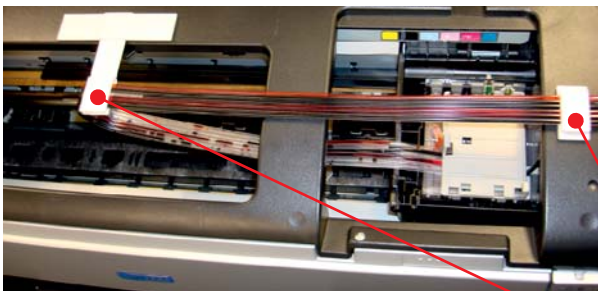
- A. Used to turn the printer on and off.
- B. Used to clear the printers memory if pressed twice while the printer is on.

Printer status indicator light.

- A. On solid **GREEN** when the printer is on but inactive.
- B. Flashing **GREEN** when the printer is active.

The CISS is **ALREADY INSTALLED** in your DaVinci pro 6-6 Printer.

Installing the Ink System (CISS) . (If not already installed)



Controls.

The control panel on the front corner of the printer has three buttons and three indicator lights.

Feed/ink status indicator light.

- A. On solid **RED** when the printer is ready for the CD tray, or paper tray, to be pushed in. (After spooling the image).
- B. On solid **RED** if the printer is jammed during printing.
- C. Feeds in the CD tray or paper tray.
- D. Ejects the CD tray or paper tray.

Feed/Clean button.

- A. Flashing **RED** when either of the ink cartridges is low.
 - B. On solid when either of the ink cartridges are empty.
 - C. Flashing slow when the print head is in the cartridge change position and the black cartridge requires changing.
 - D. Flashing fast when the print head is in the cartridge change position and the colour cartridge requires changing.
 - E. Cleans the print head when pressed for 3 seconds with the Feed/ink status light off and the CD tray out.
- Moves the print head to the cartridge change position when an ink cartridge is empty.

Installing the Ink System. (If not already installed)

1. Lift the printer cover and press the On/Off button. Wait for the green light on the On/Off button to go solid.
2. Press & release the ink button on the control panel. The print head will move across to the far side & back, stopping inside the access hole. The green light will be blinking.
3. Gently position the CISS cartridges in the head assembly, press down gently & evenly until all the cartridges are down & locked.
4. Close the cartridge top cover.
5. Route the ink pipes through the clamps fitted in the printer. See picture.
6. Press & release the ink button.
7. The head will now move back and the printer pump will charge the print head.
8. Once the green light is solid your printer is ready to print.

DaVinci Pro 6-6 CD printer. Discus Setup.



1. Discus Installation.

Windows.

Insert the printer software CD. (If the installer dialog box does not appear click on 'my computer', click on the CD rom icon, then click 'open'. Then double-click on autorun.exe).

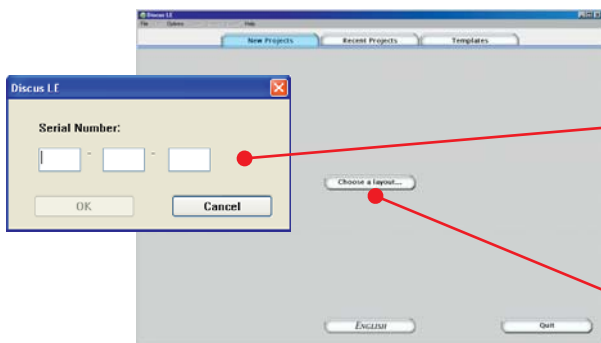
Select 'Install Discus Label Software'.

Quicktime is required to run Discus label software. It is included should you need it. Select 'Install Quicktime' before installing Discus.

MAC.

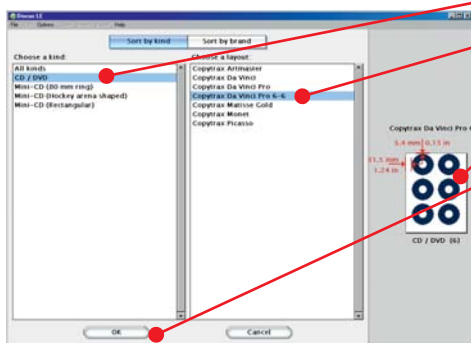
Discus label software (and Quicktime if required) is located in the following location on the software CD:

Autoplay/Programs/Discus v4.22 LE.



When Discus is run for the first time It will prompt for a serial number. This number is made up of three sets of three digits. This number can be found on the CD face. Enter the serial number to continue.

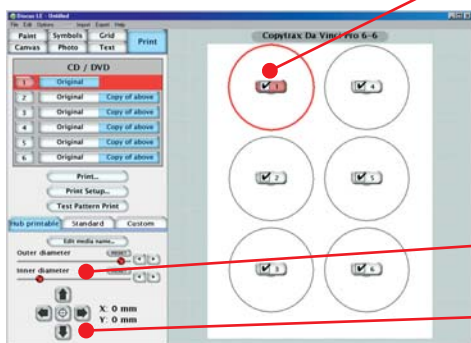
Click choose layout to select the first template.



In the 'Choose a kind' menu, select CD/DVD & in the 'Choose a Layout' menu select Copytrax Da Vinci pro 6-6. You will see a thumbnail image of the 6 disc tray on the right.

Click OK.

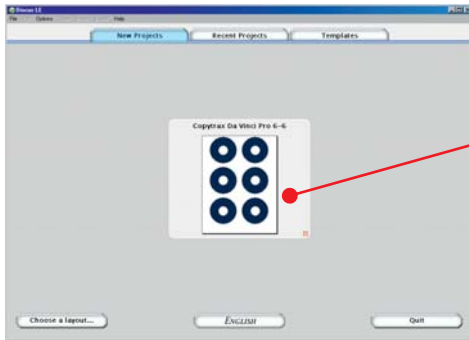
You can now see the Print window showing the layout of the 6 disc's. Each disc can be made Print or Non Print by double clicking on the tick box in the centre of each disc.



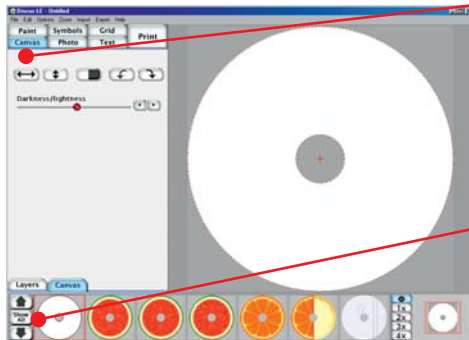
At the bottom left you will see the adjustable sliders for the outside & inside diameters of the print mask. The four arrows allow for fine adjustment of the whole template printing position as due to manufacturing tolerances, each printer will differ slightly so some adjustment may be needed. These settings will be held for future printing & can be adjusted at any time.

DaVinci Pro 6-6 CD printer. Discus Quick Start.

1. Quick Start.



Open Discus & select the Copytrax Da Vinci pro 6-6 template.

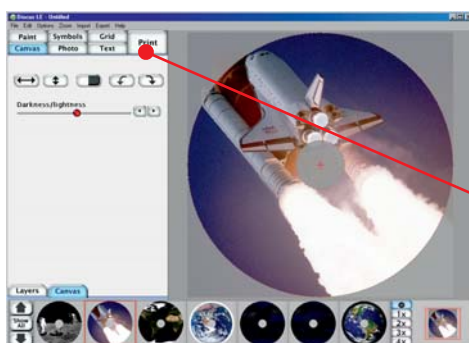


Click on the 'Canvas' Tab top left of the window.

To choose a background from the default supplied images, click the 'Show all' button bottom left.



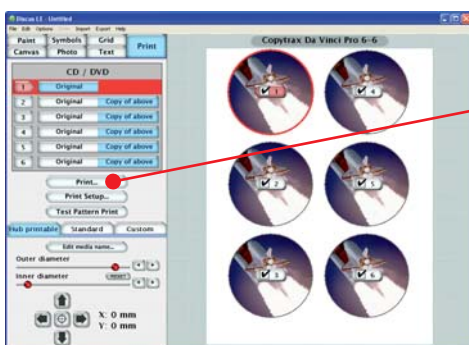
Scroll through the pages & select the desired image.



You will now see the selected image in the disc area of the main screen.

Text, Symbols etc can be added by selecting the tabs to finish the design.

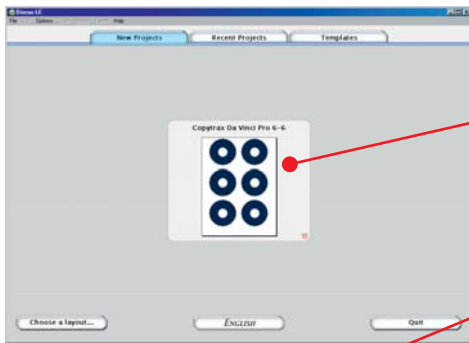
Click the 'Print' tab to show the layout of the discs on the 6 disc tray.



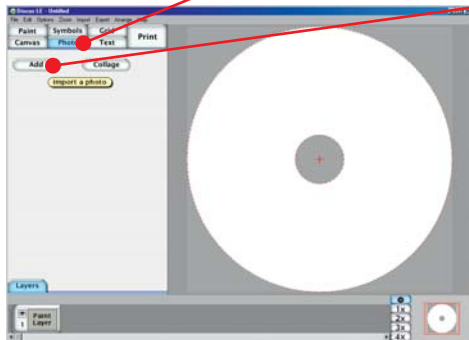
You are now ready to print.

DaVinci Pro 6-6 CD printer. Disc Image Import.

1. Importing an Image into Discus.

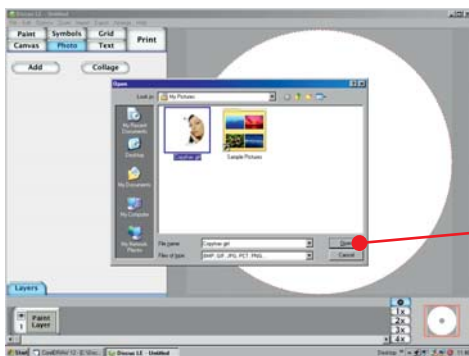


Open Discus print software & select the Copytrax Da Vinci pro 6-6 template.



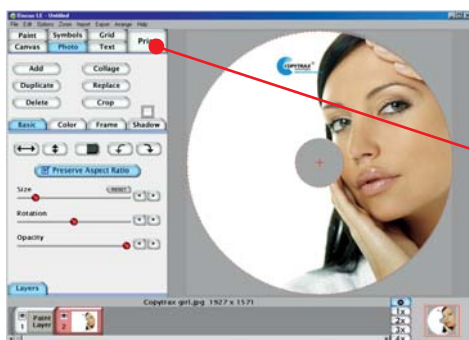
Click on the 'Photo' tab top left.

Click the 'Add' button to bring up the 'Open' dialogue box.



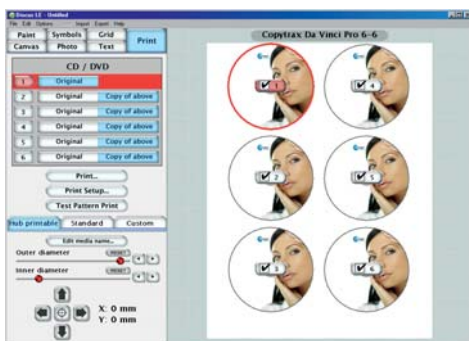
Supported image formats are: BMP, GIF, JPG, PCT, PNG.

Select your image & click 'Open'.



Your image will now be displayed in the printable area. Resize if needed & drag the image into place.

Click the 'Print' tab to show the 6 disc tray layout. You are now ready to print..

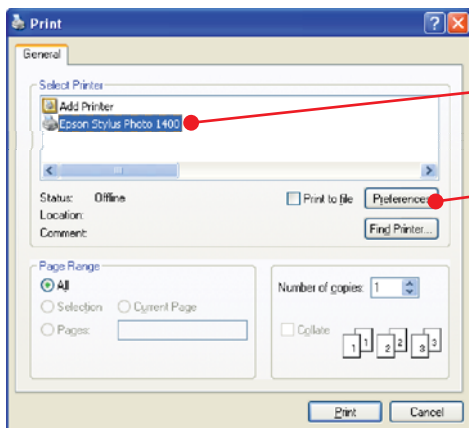
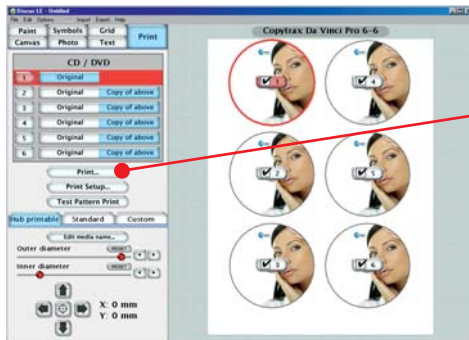


DaVinci Pro 6-6 CD printer. Printing Quick Start.

1. Quick Print Setup.

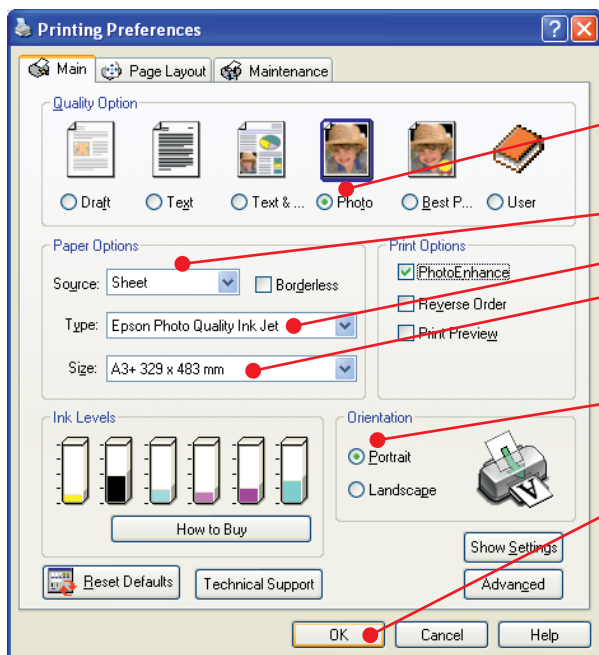
This section is a Quick guide to demonstrate the printing process from the supplied Discus's software.

Your design should already be created in Discus, when you are ready to print click the Print button.



In the Print window select the Stylus Photo 1400 printer.

Click 'Preferences'. A Printing Preferences window will open.



In the 'Printing Preferences' window select:

Quality Option = Photo

Paper Options:

Source = Sheet

Type = Epson Photo Quality Ink Jet

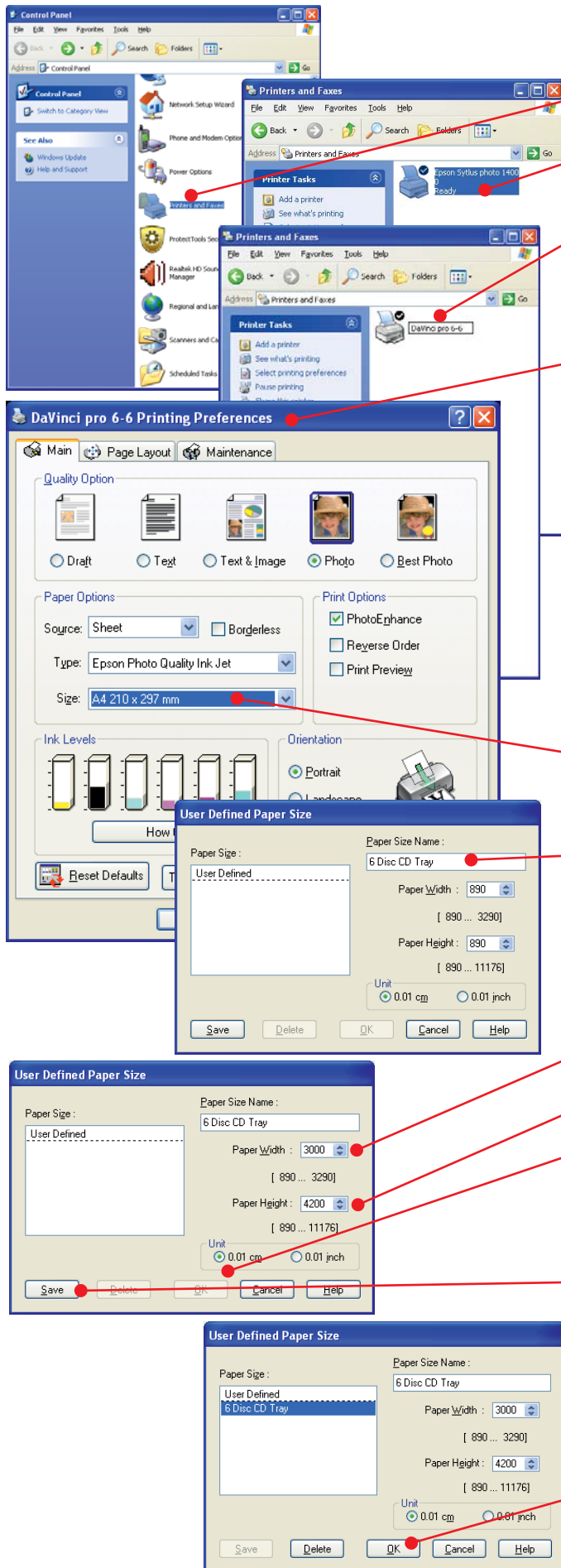
Size = A3+ 329mm x 483mm

Print Options = PhotoEnhance

Orientation = Portrait

Click OK.

DaVinci Pro 6-6 CD printer. Printer settings (Advanced).



1. Changing the printer settings for CD printing.

In the control panel select the printers folder.

Select the Epson stylus photo 1400 and right click and select rename. In the rename window type 'DaVinci pro 6-6' and click OK.

Select the DaVinci pro 6-6 and right click and select printing preference

2. Setting the print area

The print area has to be set to correspond with the size of the CD tray. This is done by setting the custom paper size.

In the paper size box select User Defined.

In the User Defined paper size window type '6 Disc CD Tray' in the paper size name box.

In the paper width box type 3000

In the paper height box type 4200

Select the unit size as 0.01cm

Click save to save the custom paper size.

Click OK to finish.

DaVinci Pro 6-6 CD printer. Printer settings continued.

3. Optimizing print quality.

In the DaVinci pro 6-6 properties window '6 Disc CD Tray' will now show in the paper size selection box.

Click the 'Advanced' button in the bottom right corner.

The Advanced properties window now opens.

In the main window set the Paper & Quality Options as follows:

Paper source = Sheet (NOT CD/DVD)

Paper Type = Epson Photo Quality Ink Jet paper

Print Quality = Photo

Paper Size = 6 Disc CD Tray

DO NOT SELECT CD/DVD AS PAPER SOURCE

Set Color Management to PhotoEnhance.

Set Orientation to Portrait.

Check High Speed tick box.

Click Save Settings

In the Custom Settings Name box type 'Photo CD/DVD' or a name of your choice. This can be done as many times as you like to build up a list of Custom combinations for your printable media.

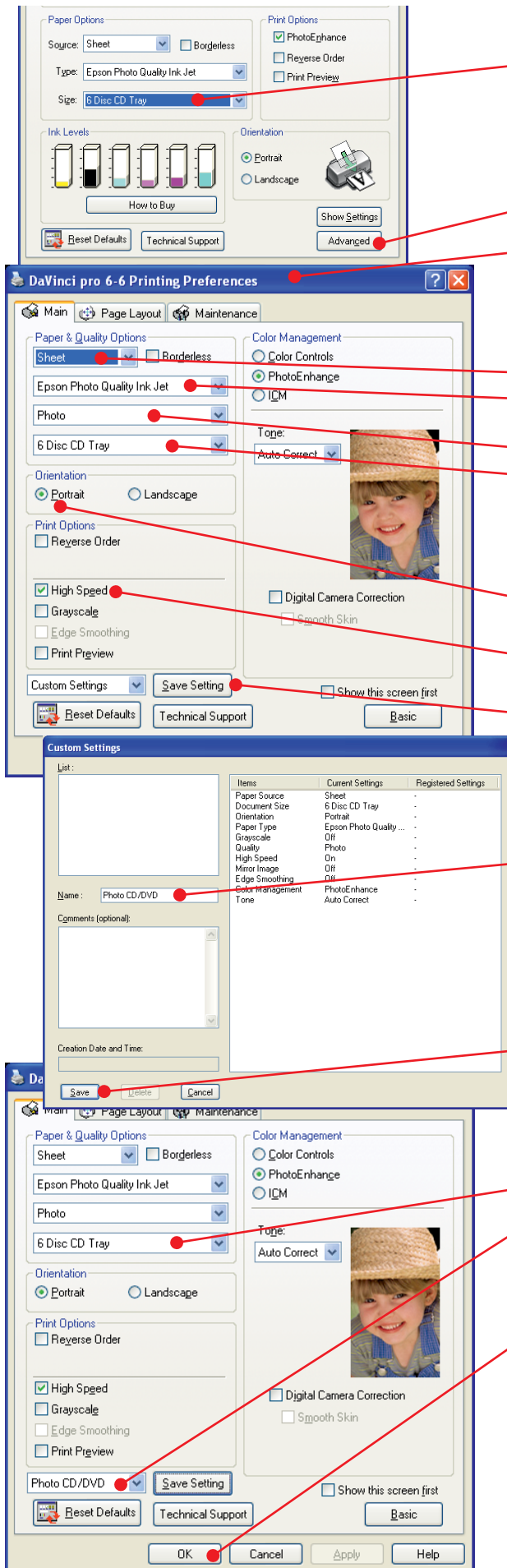
Click save.

Your Custom settings are now in place & will be set as default when printing.

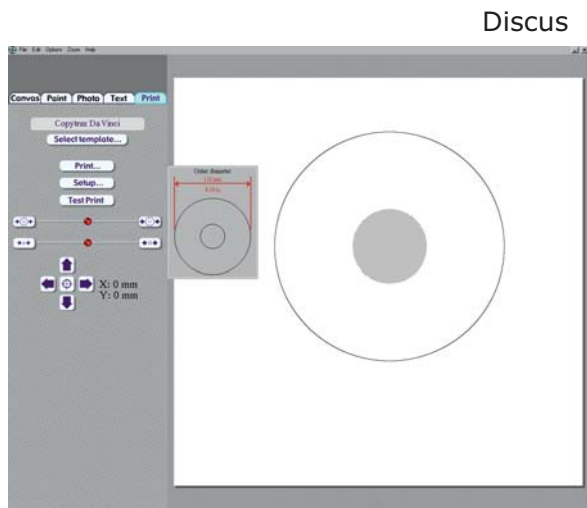
If all the settings are correct click on apply and then OK.

Your printer is now set up for printing CDs and will default to these settings automatically.

Note; If the page setup in the graphics application does not match the page size 300x420mm then the paper size will default to A4 and will require re-selecting when printing.



DaVinci Pro 6-6 CD printer. Printing Software & Template.



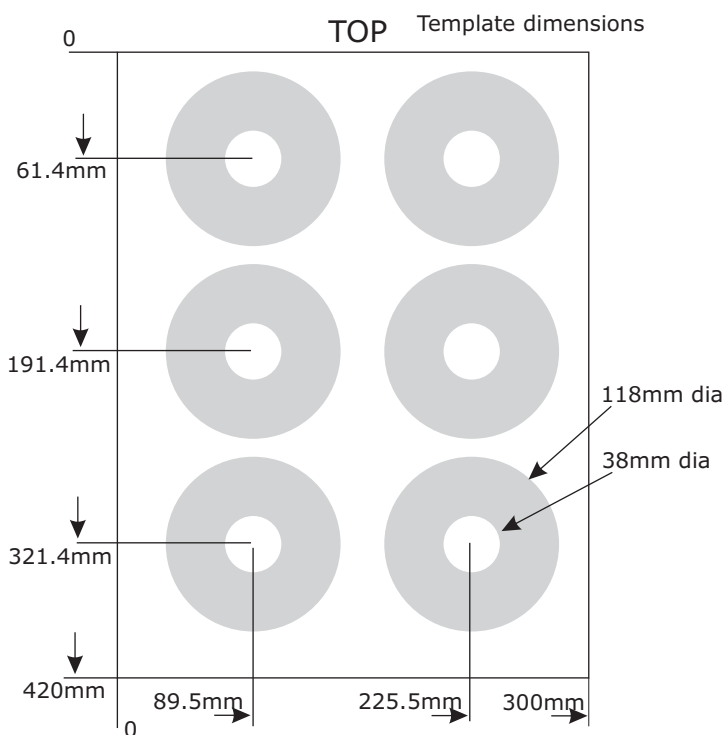
1. Image software.

Discus is a high quality dedicated software package for printing CDs and Jewel case inserts etc. It is supplied with your printer.

It is very easy to use and we offer telephone support should you need it.

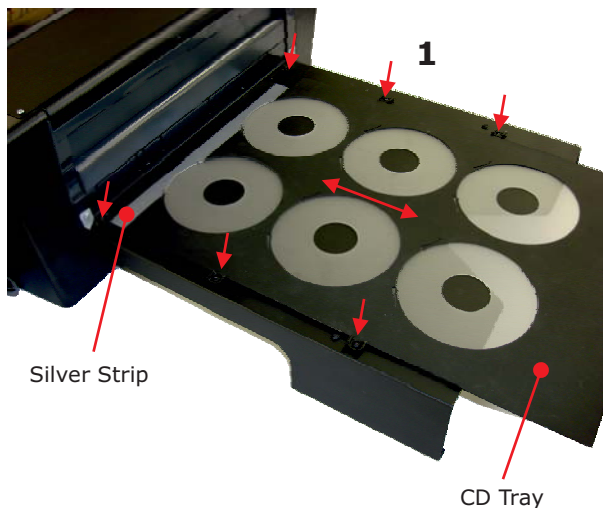
It is also possible to create images and print CDs using other graphics programmes. For example; Corel Draw, Photo shop, Quark Express, Illustrator, etc.

If you regularly use a graphics programme we recommend that you continue using it and make a template to the dimensions given.



The dimensions are shown for a CD printing template, the dimensions will however, need to be fine tuned to accurately fit the output from your printer.

DaVinci Pro 6-6 CD printer. Printing CDs.



1. Positioning the CD tray.

Place the empty CD tray onto the input guide. The silver strip on the tray is positioned towards the printer and the cutouts for the CDs to the top of the tray.

The tray fits between the 6 nylon guide blocks and should run freely between them.

2. Loading the tray with CDs.

CDs are loaded into the tray after it has been positioned on the input guide.

The CD tray holds 6 CDs, all 6 CDs must be loaded before attempting to print. If only 1 CD is required the remaining positions must still be filled.

Load the CDs, one at a time, by pushing them against the two fingers in the tray cutout (1) and then pushing the opposite side of the CD down into the cutout (2). Finally, firmly push down all the CD edge into the cutout.

3. Adjusting the fit of the CD.

The fingers lightly clamp the CD during printing, preventing movement and rotation caused by printer vibration. If the fingers do not touch the CDs, they can be twisted slightly until they do by removing the CD and inserting a screwdriver into the slit behind the finger and twisting slightly.

Take care not to bend the finger up above the tray surface as it may rub against the print head during printing.

4. Printing.

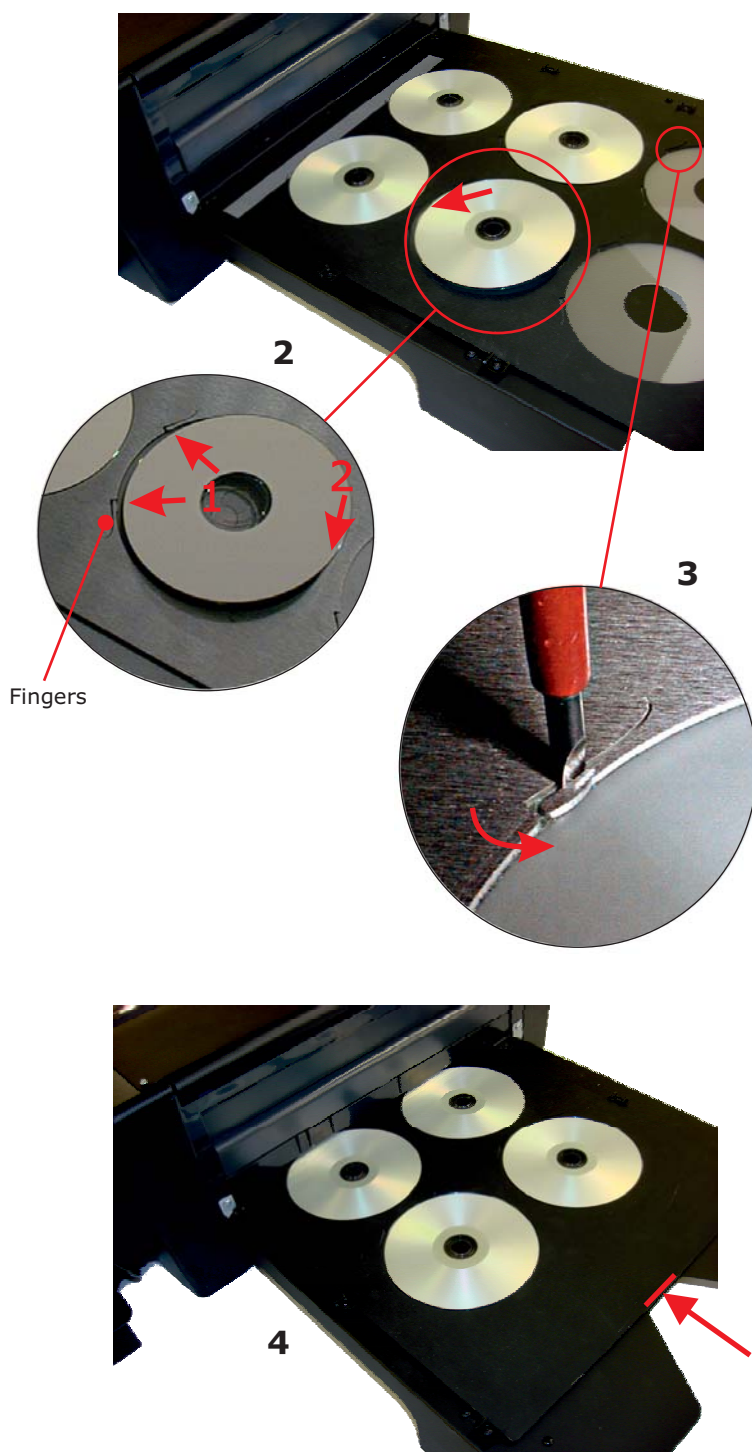
The print image must be spooled to the printer before pushing in the tray.

When the print image is received by the printer it will make certain movements and noises and prepare to print.

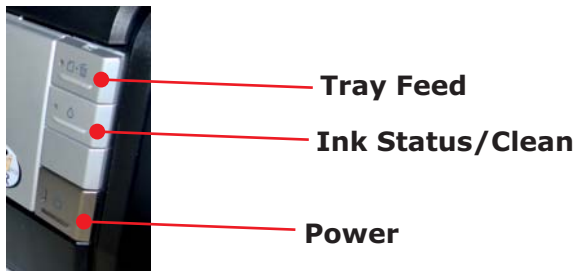
Wait until the feed button red light on the control panel is lit.

Press the feed button on the control panel whilst pushing firmly against the middle of the rear edge of the CD tray. The printer will draw in the CD tray. Stop pushing the CD tray when your finger reaches the edge of the cutout in the input guide.

The printer will now print the CDs.



DaVinci Pro 6-6 CD printer. Error Indications.



If you experience a problem with your printer refer to the table below to identify and resolve the issue. In most cases this will be sufficient to regain full operation. If you are not able to resolve the issue with the help on this page please contact your supplier quoting the LED sequence on the keypad and the status monitor message from your PC/MAC.

Tray Feed	Ink Status	Power	Indication	Solution
OFF	OFF	ON	Printer idle and ready to print	N/A
OFF	OFF	FLASH	Processing data	N/A
ON	OFF	FLASH	Ready to print	Insert disc tray and press tray feed button to start printing
ON	ON	OFF	Fatal error	Clean encoder and check for obstructions inside printer
FLASH	FLASH	OFF	Maintenance request <i>PC status monitor will show as fig 1.</i>	Reset the waste counter using the reset utility program supplied on the CD-ROM*
OFF	ON	FLASH	Ink out error	Reset CISS. Refer to quick start leaflet for full instructions

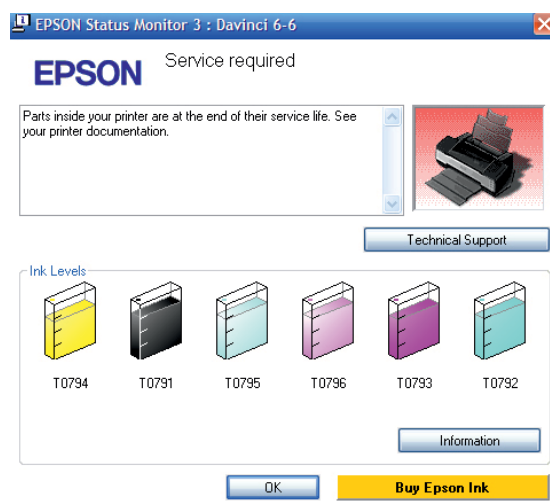


fig 1. status monitor showing maintenance request.

*Reset utility program located on software CD-ROM. Follow onscreen instructions to reset the waste counter inside your printer.

Windows

Insert CD, run autoplay and select 'Run Reset Utility'

MAC

Utility located in Autoplay/Programs/Reset Utility folder on CD

DaVinci Pro 6-6 CD printer. Warranty & Support.

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