



JewelCase

ILLUSTRATOR

*blue***line**

USER MANUAL

JewelCaseIllustrator by Blue Line Studios
Copyright ©2002 Blue Line Studios. All rights reserved.
Software programming, interface design, manual written by Daniel C. Kueng.

Edition June 7th, 2002
Thanks to John S. Baltutis for proof-reading.

This manual and the software described are copyrighted with all rights reserved. The manual may not be distributed, sold, or rented to any other person than the owner of the license, wether in whole or part, without prior written consent of Blue Line Studios. Mentioned product and company names may be registered trademarks. Use of the software described is at the user's sole risk.

Blue Line Studios
CH 4000 Basel/Switzerland (Europe)
Web: <http://www.blueline-studios.com>
E-mail: studio@blueline-studios.com

INTRODUCTION

What this application is for

JewelCaseIllustrator is a tool specialized for the creation of professional-looking jewel case inserts, including labels, tray liners, and booklets for CDs and DVDs, containing the necessary crop marks and spines.

The application's main functions are:

- The typesetting of a Finder-like volume directory list.
- The typesetting of text; setting font size, leading, tracking, alignment, style, and color.
- The drawing of rectangles/squares and ovals/circles.
- The placing of pictures in various file formats.
- The importing of Toast, Jam, and iTunes track lists, or text from any ASCII file.
- Functions: scaling, rotating in 90 degrees increments; picture cropping.
- Printing.



CONTENTS

The interface; palettes

The toolbox	6
The <i>Typography</i> palette	7
The <i>Colors</i> palette	8
The <i>Transform</i> palette	8

The interface; menus

<i>File</i> menu	10
<i>Edit</i> menu	11
<i>Item</i> menu	11
<i>Windows</i> menu	12
<i>View</i> menu	12

Getting started

Creating new documents	14
Drawing rectangles and ovals	14
Typesetting text	15
Importing text and track lists	16
Placing images	16
Cropping images	17
Arranging objects	17
Typesetting volume directory lists	18
Printing	19

Settings

Preferences	20
-------------------	----

Troubleshooting

If the program doesn't work as expected	22
---	----

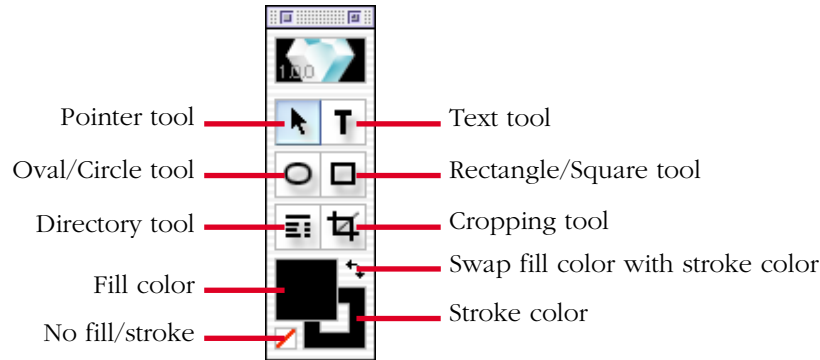
Typesetting conventions applied to this manual

Text is typeset in Garamond Normal, very **important** text is set in bold.

Whenever an item—an interface element—is mentioned whose name is visible to the user, its name is typeset in italic; for example “*Edit* menu.”

THE INTERFACE; PALETTES

The toolbox



Pointer tool:

Used for selecting textboxes and graphic objects and for arranging them.

Text tool:

Used for creating and editing existing textboxes. Typeset text is always within a bounding box.

Oval/Circle tool:

Used for creating oval graphic objects by clicking and dragging. Hold down the *Shift*-key while clicking and dragging to create circles.

Rectangle/Square tool:

Used for creating rectangle graphic objects by clicking and dragging. Hold down the *Shift*-key while clicking and dragging to create squares.

Directory tool:

Used for creating directory lists of volumes and opening the *Directory List Options* panel by clicking existing lists. See **page 21** for a complete description.

Cropping tool:

Used for cropping images that have been embedded into graphic objects.

Fill and stroke color fields

Makes either fills or strokes active. The overlapping field (the one in front) indicates whether fill or stroke color is ready to be edited.

Swap fill color with stroke color icon:

Swaps the fill color with the stroke color.

No fill/stroke icon:

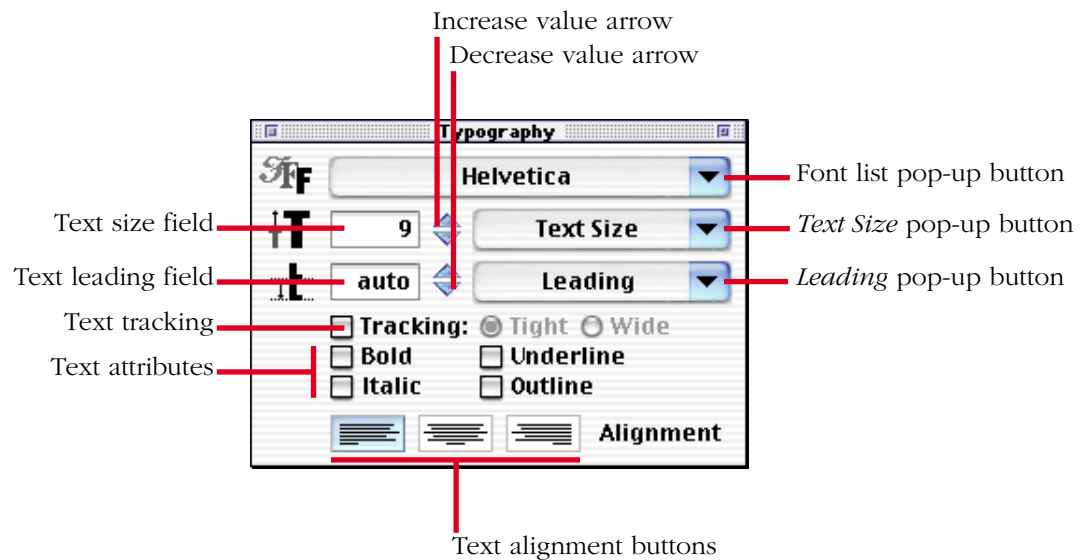
Depending on whether fill or stroke is active, sets fills, or strokes respectively, to transparent.



Tip

To choose a tool, instead of clicking the tool icons in the tool box, press the following keys: *P* for the Pointer tool; *T* for the Text tool; *O* for the Oval tool; *R* for the Rectangle tool; *D* for the Directory tool; and *C* for the Cropping tool. Note that it's just the keys alone (the initial of the tool name) without any modifier key.

The *Typography* palette



Font list pop-up button

Pops up the font list of all currently active fonts.

Text size field

The current text size in points.

Text Size pop-up button

Pops up pre-set text size point values.

Text leading field

The current leading (the distance between text lines) in points.

Leading pop-up button

Pops up pre-set point leading values.

Increase/decrease value arrows

Increases/decreases the value by clicking. Holding down the mouse button repeatedly changes the value until the button is released.

Text tracking check boxes

Tracking: values for *Tight* and *Wide* are pre-set. If you need wider tracking, put spaces between characters.

Text attributes check boxes

Sets the text attributes to *bold*, *underline*, *italic*, and *outline*.

Text alignment buttons

Sets the entire text in textboxes to left-aligned, center-aligned, and right-aligned.



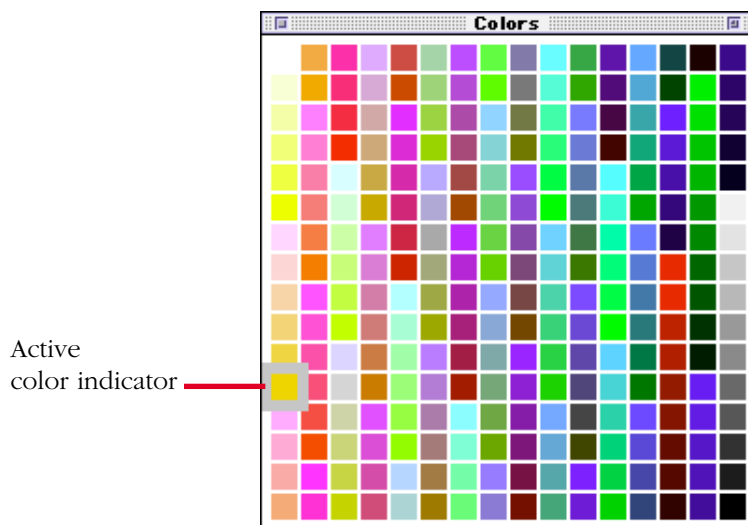
Note

Fonts set to bold, underline, italic, or outline might not be printable. Therefore, soft-setting fonts is not recommended. Try using the appropriate font instead.

The Colors palette

Color fields

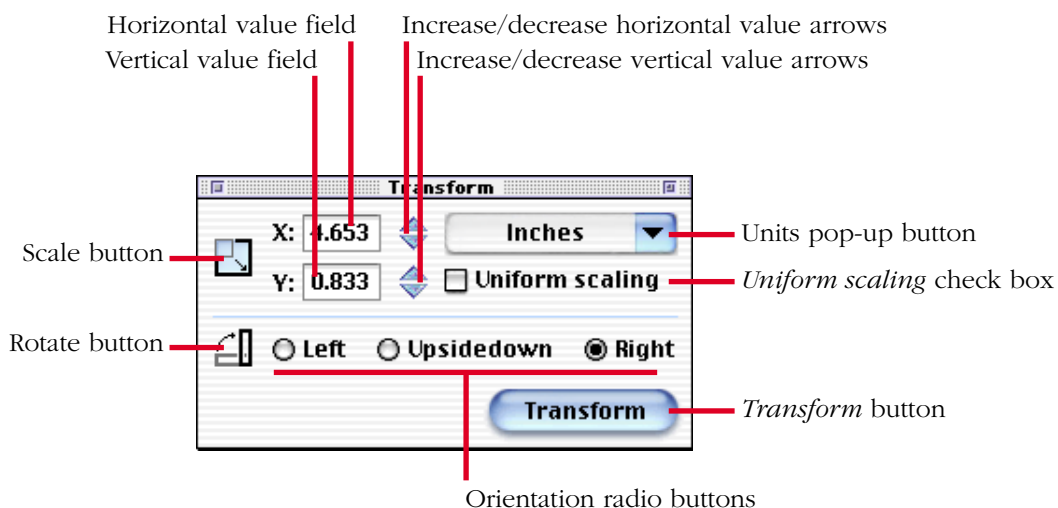
This palette contains 256 color fields. Selecting one of them makes it the active fill or stroke color, depending on whether stroke or fill is currently active. See also **page 6** for a description of stroke and fill.



Active color indicator

The location of the grey frame indicates the currently active color.

The Transform palette



Tip

Hide or show all palettes by pressing the tab key (while no textbox is currently open.)

Scale button

Prepares the transformation for "scaling."

Rotate button

Prepares the transformation for "rotating."

Horizontal value field

The value for scaling selected object horizontally.

Vertical value field

The value for scaling selected object vertically.

Increase/decrease horizontal value arrows

Increases/decreases the horizontal values by clicking, Holding down the mouse button repeatedly changes the horizontal values until the button is released.

Increase/decrease vertical value arrows

Increases/decreases the vertical values by clicking, Holding down the mouse button repeatedly changes the vertical values until the button is released.

Units pop-up button

Pops up a list of units: *Percent*, *Inches*, or *Millimeters*.

Uniform scaling check box

If checked, disables the vertical value field (Y) and its arrows and synchronizes the vertical values with the horizontal values (X). Objects will keep their original aspect-ratio.

Orientation radio buttons

Sets the rotation to *Right* (90 degrees clockwise), *Upsidedown* (180 degrees), or *Left* (90 degrees counter-clockwise).

Transform button

Applies the chosen settings to the selected object.



Transforming pictures is nondestructive; i.e., JewelCaseIllustrator doesn't resample pictures. E.g., when scaling or rotating pictures, the total number of pixels that make up the original picture remains unchanged. This means that image quality doesn't degrade.

THE INTERFACE; MENUS

File menu **New**

Creates a new document, including pre-fabricated CD-label, single and double-page booklet, and tray liner, from scratch.

Open...

Opens an existing JewelCaseIllustrator document.

Close

Closes the currently open JewelCaseIllustrator document. (See also the *Windows: Close* command described on **page 12**.)

Save

Saves the currently open JewelCaseIllustrator document to disk.

Save As...

Saves the currently open JewelCaseIllustrator document to disk under a new name.

Revert to Saved

Reverts all changes made to the currently open JewelCaseIllustrator document by returning to the version that was last saved to disk.

Place Image...

If a rectangle or oval graphic is selected, any image file type supported by QuickTime can be placed into the object. The format for internal storage is 'PICT'.

Get Volume Directory...

Creates a Finder like volume directory list of any currently mounted volume.

Import: Text...

ASCII text files can be imported into any currently open textbox.

Import: Toast/Jam Track List...

Toast or Jam track list files can be imported into any currently open textbox.

Import: iTunes Track List...

Track list files created with iTunes using the *Export* command can be imported into any currently open textbox.

Page Setup...

The *Page Setup* dialog to set your printing options.

Print...

Print the currently open page/label of the topmost window.

Print Each...

Cycle through all pages/labels of all currently open windows and print each page/label. You will be prompted with the *Page Setup* dialog for each print.

Quit

Quits JewelCaseIllustrator.



Tip

JewelCaseIllustrator supports full drag&drop; instead of using the menus to place images, or import text, simply grab the visible document from the Finder (while JewelCaseIllustrator is the active application) and drop it onto an object. For a text drop to be accepted, a textbox must currently be open.

Edit menu **Undo**

Reverts the last action. Alternatively, press the function-key #1.

Cut

Copies the selection to the clipboard and deletes the selection. Alternatively, press the F-key #2.

Copy

Copies the selection to the clipboard. Alternatively, press the F-key #3.

Paste

Pastes the selection from the clipboard onto the page of the topmost window. Alternatively, press the F-key #4.



Note

Undo will be unavailable (dimmed) when manipulating volume directory lists that are set to flowing (check box *Distribute list to pages* is checked).

Select All

Selects all text of an opened textbox.

Preferences: Global...

Takes you to the global *Preferences* screen.

Preferences: Directory List Options...

Takes you to the *Volume Directory List* options screen.

Item menu **Bring to Front**

Selected object is brought to the top layer.

Shuffle Forward

Selected object is sent one level higher in the layer order.

Shuffle Back

Selected object is sent one level lower in the layer order.

Send to Back

Selected object is sent to the bottom layer.

Clone

Copies a selected object and pastes it on the exactly same spot as the original.

Clear

Deletes the selection, e.g. highlighted text or an entire object.

Scale...

Opens the *Transform* palette if it is not currently open. See **page 8** for a description of the different transform functions.

Fit Image: to Page Width

Scales the image proportionally to fit its width to the page width, keeping the original's aspect-ratio. (Adds about 1.5 mm of bleed around the edge of the page/label.)

Fit Image: to Page Height

Scales the image proportionally to fit its height to the page height, keeping the original's aspect-ratio. (Adds about 1.5 mm of bleed around the edge of the page/label.)

Scale Image to Page

Scales the image width and height independently to fit the page dimensions, **not** keeping the original's aspect-ratio. (Adds about 1.5 mm of bleed around the edge of the page/label.)

Original Size

Resets the image width and height to its original dimensions.

Convert Text to Bitmap

Any currently selected textbox is converted to bitmap.

Directory List Options...

If the selected object is a volume directory list, the directory list options panel opens.

Deselect

Any currently selected object is deselected.

Windows menu

This menu lists all the windows of the application and the document, the checkmark indicating whether the respective window is currently open.

Close

Closes the topmost document window. (See also the *File: Close* command described on **page 10**.)

Cascade

Places the document windows in a cascading order beginning from top left of your screen to the bottom right.

View menu**Border Masks**

Hides/shows the white masks surrounding the print area of the pages used for the bleed.

Spines

Hides/shows the spines indicating the edge of the pages where the paper will be cropped.

Crop Marks

Hides/shows the crop marks.

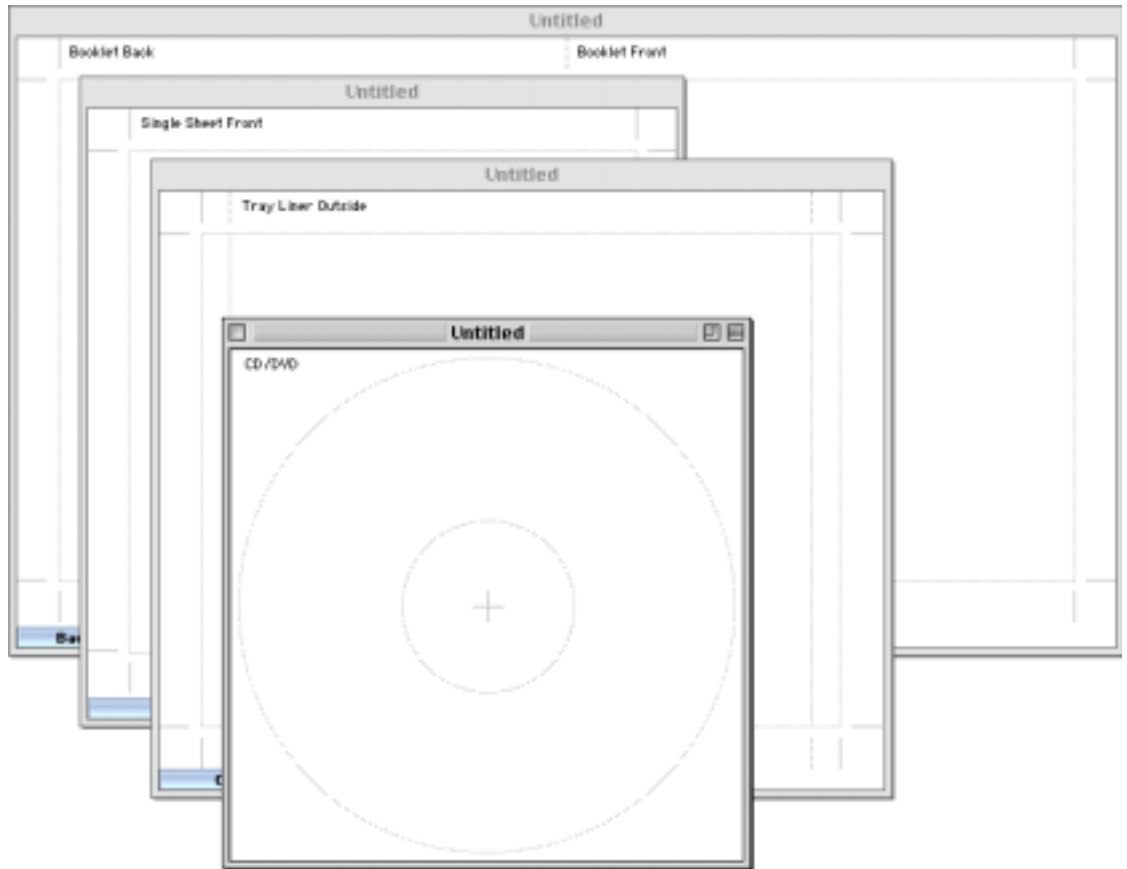
**Note**

Hiding or showing border masks, spines, and crop marks will not affect the printout; border masks and crop marks will always print, while spines never will.

GETTING STARTED

Creating new documents

Select *New* from the *File* menu. A new document will be created, containing CD label, front and back of a single-page sheet, outside and inside pages of a two-page booklet, and the tray liner.



Often you might not need all the mechanicals for your project. Simply close the windows you don't need. In the next session, JewelCaseIllustrator will remember which windows were open.



Note

On each page there is a background graphic that cannot be deleted. If you don't use it, but it keeps getting in your way, send it to the back selecting menu *Item: Send to Back*.



To navigate between the pages in a window, click the buttons or select the appropriate menu command (*Windows* menu).

Drawing rectangles and ovals

Choose the respective tool, then click and drag within one of the document pages. Just clicking without dragging creates a 1 pixel square graphic.

To draw squares and circles, hold down the *Shift*-key while dragging to constrain the aspect ratio. To resize the created graphic, drag one of its handles. Again, holding down the *Shift*-key constrains the aspect ratio.

The fill and the stroke color can be defined using the *Colors* palette by clicking one of the 256 color fields. See **page 6** to learn how to make either stroke or fill active.

Typesetting text

Choose the text tool, then click and drag within one of the document pages. **Just clicking without dragging creates a textbox with the width and height of approximately the current text size.** textboxes can be resized using the pointer tool by dragging one of their handles.

To draw square textboxes, hold down the *Shift*-key while dragging to constrain the aspect ratio. Dragging one of its handles and holding down the *Shift*-key constrains the aspect ratio.

If the pointer tool is active, selecting any text attributes like font, size, leading, color, etc. changes the entire textbox contents. If the text tool is active, only the selected text is changed.



Tip

To make quick changes to a text while the pointer tool is active, simply double-click the textbox. This will choose the text tool and open the box for editing.



Note

The leading cannot be set independently for different lines of text within the same textbox; only one leading value per box is possible. One work-around is to create several textboxes.



Importing text and track lists

To import text from an ASCII file, a textbox must currently be open. Select menu *File: Import: Text...* or grab it directly from the Finder (while JewelCaseIllustrator is active) and drop the text file onto the textbox.

Same is applicable to import Toast and Jam track lists.

To import track lists exported from iTunes, use the menu, **not** drag&drop. Since the format of those export files is plain ASCII, JewelCaseIllustrator will just import the entire text, instead of treating it as a data array.



Note

JewelCaseIllustrator can only import text from ASCII files (plain text). To import text from other file formats (e.g. Microsoft Word), open the text file with the application that created it, select the text, and copy it to the clipboard. Back in JewelCaseIllustrator, paste it into an open textbox.



To build a table with the relevant info, import the iTunes track list file several times, each time selecting a different data cell and importing into a new textbox.

Placing images



Tip

When loading an image into a box that already holds an image, holding down the *Option*-key maintains the current size of the box. This feature is useful when updating a modified version of a picture.

Bitmap images of various formats can be placed into rectangle or oval graphics. The QuickTime engine is responsible for the translation to PICT-format—JewelCaseIllustrator's internal image format—therefore the number of supported formats depend on what version of QuickTime you have installed.

Select *Place Image...* from the *File* menu or grab it directly from the Finder (while JewelCaseIllustrator is active) and drop the image file onto the graphic. Double-clicking the graphic is the same as selecting the *Place Image...* menu item.

Images are always embedded in the document, as opposed to fonts, so you will never have to worry about not found images.

Cropping images

To crop a picture, choose the cropping tool and adjust the cropping frame by grabbing the handles of the selected graphic that contains the picture. Holding down the *Shift*-key constrains the aspect ratio. To finally trim the picture, click within the cropping rectangle. The cursor will change to scissors while within a graphic that can be trimmed. Clicking outside of the graphic will reset the cropping rectangle.

The cropped areas cannot be retrieved except loading the image again from the image file on disk.

If the object is not eligible to be trimmed, the cursor will change to a shape similar to a stop sign.



Tip

While a graphic object containing an image is selected, pressing the backspace key (*Delete*) or selecting menu *Item: Clear* clears the image from the graphic. Only choosing the command for a second time deletes the graphic itself. To delete a graphic immediately (except for the background box on each page that is permanent), hold down the *Option*-key while choosing the *Clear* command.



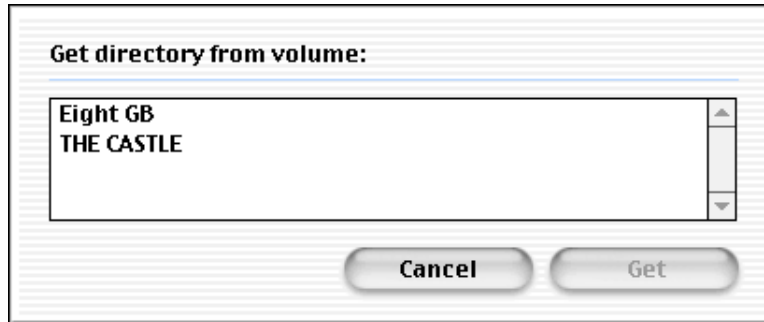
Arranging objects

All objects can be arranged by selecting them and dragging them around within the pasteboard. To move objects accurately, use the arrow keys. The smallest increment to move objects is one pixel.

Holding down the *Shift*-key while dragging an object constrains its movement either vertically or horizontally.

Typesetting volume directory lists

Choose the directory tool, then click and drag within one of the document pages. This creates the boundary box to which the volume list table will be constrained. Immediately after, you will be prompted to select from a list of currently mounted volumes.



Alternatively, grab the volume directly from the Finder (while JewelCaseIllustrator is active) and drop it onto any of the document pages. The width and height of the boundary box will be set to roughly fit the page the volume was dropped onto.

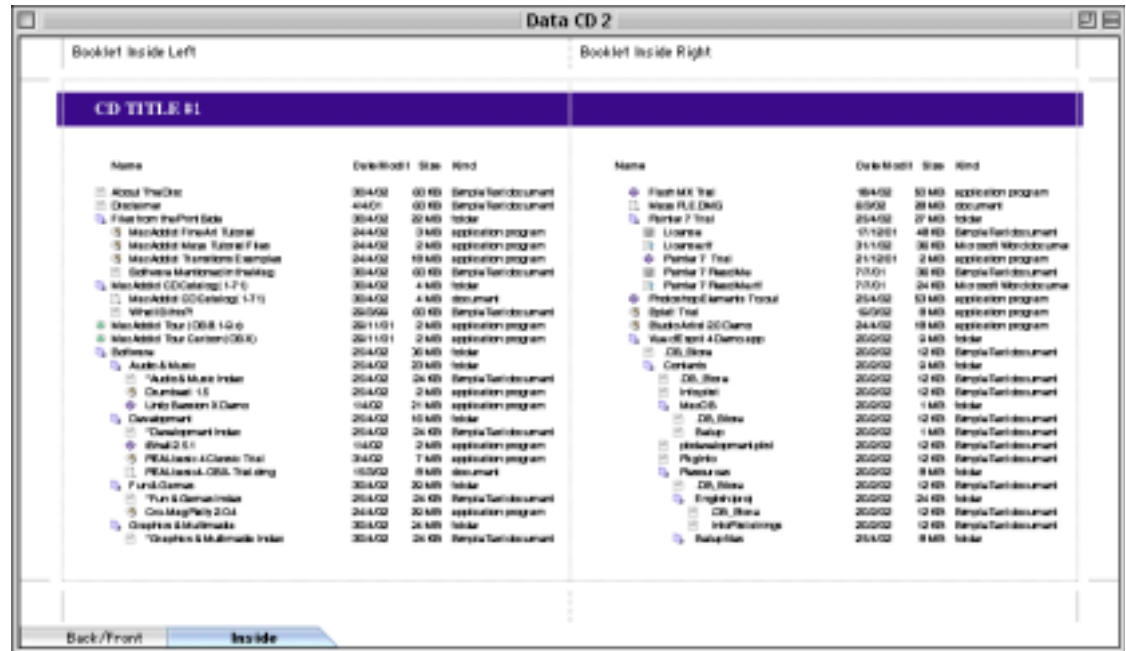


Note

Dragging&dropping a sub-directory (a folder within a volume) will still load the entire volume in which the folder resides.

If the *Directory List Options* window is not already open, it is opened, and the directory list is type-set according to the default options. If it is already open, the **current** settings take precedence over the saved default settings. Please refer to the chapter **Settings** for an accurate description of the window's functions.

Setting the list to flowing (via the *Directory List Options* palette; see chapter **Settings** on page 20) produces an output similar to the shown illustration .



Tip

Due to space constraints on the different pages, it is recommended to choose a font size 7 point or smaller for volume directory lists.

Printing Before printing out artwork, check if all settings are correct. Select menu *Edit: Preferences: Global...* Please refer to chapter **Settings** for a detailed explanation of the *Preferences* panel.



Tip

Some printers do not position the printout accurately on the paper. It is highly recommended to try with inexpensive plain paper first and make fine-adjustments if necessary.



Tip

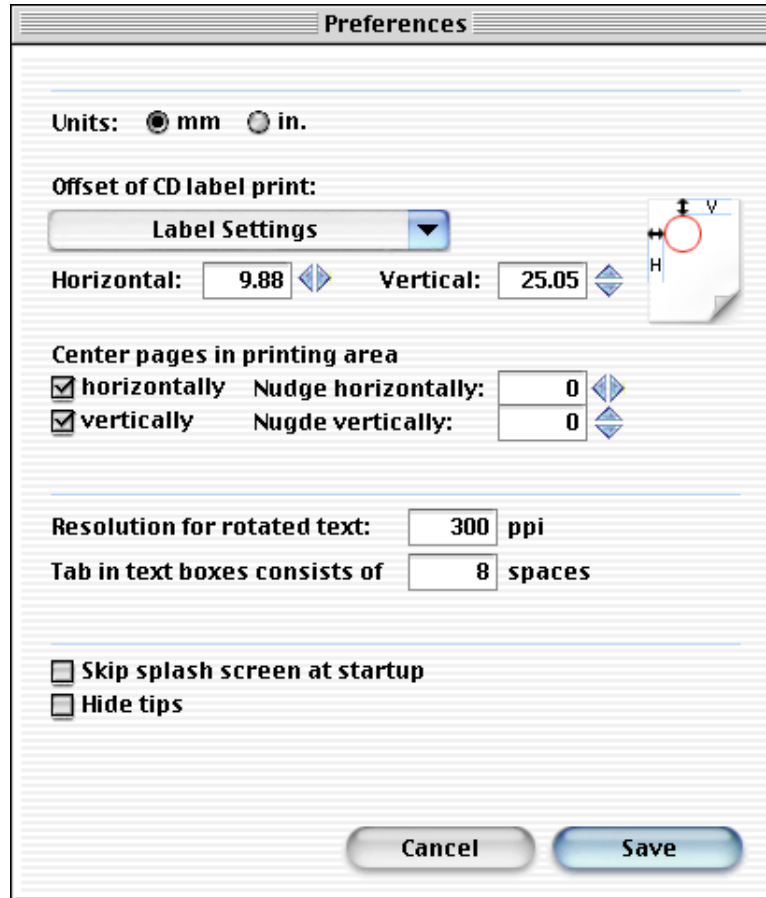
To print two labels onto a sheet containing two CD-labels, simply feed the same sheet twice, by turning the paper around.



SETTINGS

Preferences Global

Choosing menu *Edit: Preferences:Global...* opens the global preferences panel:



Tip

The pop-up button *Label Settings* contains pre-sets of widely available CD labels.



Note

The CD-label's diameter is defined as 118mm, or 4.653 in. It's recommended to run a test on a plain paper, and make fine-adjustments if necessary.

Units: choose between metric and imperial units for measurement.

Offset of CD label print: define the offset from the top left corner if the paper both horizontally and vertically by measuring the distance of the CD label sheet top and left rim to the perimeter of the round label.

Label Settings: choose pre-set values from widely available labels.

Center pages in printing area: if checked, all prints (except the CD label) are centered horizontally, vertically, or both, on the paper. This is necessary when printing both the front- and the back-side.

Nudge horizontally/vertically: make fine adjustments if the prints are not perfectly centered on the paper for whatever reason.

Resolution for rotated text: as rotated text is converted to bitmap, you can define its resolution. Note that a higher resolution might require you to allocate more RAM to the application. See also **page 22** about known problems.

Tab in textboxes consist of: the number of spaces a tab consists of when typing a tabulator.

Skip splash screen at startup: if checked, no title screen splashes at startup.

Hide tips: if checked, remembers the on-screen tips to stay turned off for the next session.

Palette Directory List Options

Choosing menu *Edit: Preferences:Directory List Options...* opens to the options screen for the type-setting of the volume directory lists.

Show columns

Finder Icon, Date Created, Date Modified, Size, and Kind: checked boxes indicate that the respective column is drawn.

Type, Creator: type and creator codes columns are drawn.

Comment: Finder comments column is drawn.

Display only root level: if checked, only the root level will show, meaning the function will not descend into folders and sub-folders. If not checked, contents of all folders and nested folders will draw.

Distribute list to pages: long lists will be split; flowing from one page to the next. Note that lists cannot be set to flowing on CD labels.

Directory List Options

Show columns:

☒ Finder Icon	☒ Kind
☐ Date Created	☐ Type
☒ Date Modified	☐ Creator
☒ Size	☒ Comment

☐ Display only root level
☐ Distribute list to pages

Formats

Short Date ▼ Don't show time ▼

Truncate Text in Middle ▼

Save as Default Set



Note

If the *Directory List Options* window is open while creating a volume directory list, and the settings are different from the default settings, the current visible settings will take precedence over the saved settings.

Formats

Short Date, Abbreviated Date, Long Date: please refer to the *Date Formats* section in your *Date & Time* control panel for an explanation.

Don't show time: no time is displayed for the Date Created and Date Modified columns.

Short Time: abbreviated Time: Long Time: please refer to the *Time Formats* section in your *Date & Time* control panel for an explanation.

Don't truncate text: text is not truncated, but lines longer than the column width are cut off.

Truncate text at Start: text that does not fit the column width is truncated at the beginning using '...'

Truncate text in Middle: text that does not fit the column width is truncated in the middle using '...'

Truncate text at End: text that does not fit the column width is truncated at the end using '...'

Save as Default: the above settings will be saved and be used for every new directory list created.

TROUBLESHOOTING

If the program doesn't work as expected

JewelCaseIllustrator has been tested exhaustively and thoroughly. In case you experience a problem of any sort, please check the following list before contacting the support department:

Known problems and incompatibilities

- Drag&drop is disabled in OS X Classic Environment due to an OS incompatibility. The issue is unfortunately beyond our control.
- When text is rotated, the leading is only maintained to a certain value, the limit depending on the text resolution.
- White rotated text will not show on a tinted background.
We are working on improving the text rotation feature.

Crashes and unexpected behavior

- Restart your computer and try again
- Allocate more RAM to the application
If you choose to set the resolution of rotated text (*Preferences* screen) higher than the 300ppi, or if you need to place large pictures, it is recommended to set the application's memory allocation to a more appropriate amount. The default is 16MB, but you might want to try 32MB or more. (In the Finder, select the application and choose *Get Info*.)
- Did you recently install any new extensions used by the operating system?
Sometimes extensions can cause problems. Please temporarily remove the new extension and try again.

In case of freezes, crashes, or other unexpected behavior

- Did it happen once or does it happen every time?
If it happens every time, please allocate more RAM (see above). If there is still a problem, write down the exact steps that lead to the error.

Debugging

To turn on the internal error messages, simply add a beta character to the name of the application. (e.g. "JewelCaseIllustrator β "; you can access this character holding down the option-key and typing the letter *s*). This will help us a great deal with debugging.

Please provide us with a detailed reproducible description of the problem. We will do our best to solve any possible issues and make an updated version of the software available in the shortest possible time.



Tip

We are very interested to get feedback from the users of our software! Requests for new features are also welcome. E-mail the development department: <studio@blueline-studios.com>