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1

WELCOME

THE COREL KPT COLLECTION FILTERS

Welcome to Corel® KPT® Collection, the revolutionary KPT series of filters designed to help you create dazzling and unique effects.

Corel KPT Collection includes 24 extraordinary filters that produce dazzling and unique effects for print and the Web.

KPT FiberOptix

The KPT® FiberOptix™ filter lets you create realistic hair, fur, rain showers, and more. You can control the length, color, and tint of each fiber you create on a source image. Using a mask, you can create fibers in specific shapes; for example, you can create hair that grows as text.

KPT Frax4D

The KPT® Frax4D™ filter lets you create 3-D sculptures out of fractal space. You can wrap these sculptures with any environment map. You can also rotate sculptures and render them as images.

KPT Blurrrr

The KPT® Blurrrr™ filter lets you manipulate the pixels in a source image to soften, smooth, and blend its edges and colors.

KPT Equalizer

The KPT® Equalizer™ filter lets you use a variety of filters to add interesting effects to images by manipulating their frequencies; for example, you can sharpen or blur images.

KPT FraxPlover

The KPT® FraxPlover™ filter lets you create an infinite variety of fractal patterns. You can also customize fractals using various color, contrast, distortion, and zooming tools.

KPT ShapeShifter

The KPT® ShapeShifter™ filter lets you apply interesting effects to objects; for example, you can apply bevels, graphics and text layers, and dimensions. You can also use environment and bump maps to achieve reflections and surface texture. You can

create multiple objects at once; for example, by loading a mask with the shapes of each letter in a font set, you can turn the shapes into 3-D buttons for a Web site.

KPT Noize

The KPT® Noize™ filter lets you explore a variety of mathematically generated noise patterns that can be used as textures, patterns, or noise maps. You can select a noise family, mutate it to explore its variations, and apply it to a source image.

KPT Gel

The KPT® Gel™ filter lets you use paint tools to create 3-D images, text treatments, and objects such as buttons and borders. You can use lighting effects, tinting, and transparency to control the qualities of effects.

KPT Goo

The KPT® Goo filter lets you create effects that simulate the look of gelatin finger-painted on a source image. You can smear, splatter, twirl, pinch, or bulge images to create unique results. You can also use animation controls to save effects as movies.

KPT LensFlare

The KPT® LensFlare™ filter lets you apply interesting effects on a source image to simulate the photographic reflections created by a bright light shining on a camera lens. For example, you can create glows, halos, and streaks of light.

KPT Materializer

The KPT® Materializer™ filter lets you create complex textures, stunning backgrounds, and dazzling text treatments on source images. You can import bump maps and scale, pan, and rotate them to achieve interesting effects. You can also use lighting controls to manipulate surface textures.

KPT Projector

The KPT® Projector™ filter lets you use warping effects to create 2-D perspective distortions and 3-D transformations on source images. You can also create infinite planar tiling at any angle, and you can use anisotropic light filtering.

KPT Reaction

The KPT® Reaction™ filter lets you use patterns and diffusion options to create realistic simulations of organic textures, such as the growth pattern of coral or the stripes on a zebra.

KPT Turbulence

The KPT® Turbulence™ filter lets you create waves on a surface image. As the waves distort the image, they become animated and fluid. You can apply color blends to the waves. You can also take a snapshot of the waves that you can apply to a source image, or you can save the waves in motion as a movie.

KPT RadWarp

The KPT® RadWarp™ filter lets you use a simulated camera effect called barrel distortion to warp the edges of images. You can also correct barrel distortion on images.

KPT Channel Surfer

KPT® Channel Surfer™ lets you apply effects to individual channels in an image. You can blur or sharpen a channel, or adjust its contrast or value. You can adjust the amount and transparency of the effect, and control how the effect blends with the source image.

KPT Fluid

KPT® Fluid™ lets you manipulate images by applying liquid-like transformations and distortions that simulate dragging a brush across a wet surface. You can control the effect by setting the thickness of the fluid as well as the brush size and velocity. You can use various preview techniques to fine tune the effect, and choose to save the fluid in motion as a movie.

KPT FraxFlame II

KPT® FraxFlame II™ lets you explore and mutate an infinite variety of flame fractals. You can also customize fractals with various color, contrast, and distortion techniques.

KPT Gradient Lab

KPT® Gradient Lab™ lets you create complex color blends with various levels of transparency. You can also customize gradients with interesting shapes, styles, and pixel distortions.

KPT Hyper Tiling

KPT® Hyper Tiling™ lets you create and save intricate tiling effects by reducing the source image to create a tile. The tile is then repeated to create a hyper tiling effect. You can create different blends between the source image and the effect, and change the perceived distance from the effect. You can also change the depth, transparency, position, and size, of the effect, and rotate it through space.

KPT Ink Dropper

KPT® Ink Dropper™ lets you create the effect of dropping colored liquid (ink) on glass, canvas, or into another liquid. You can also create your own background images. You can choose the color of the liquid, and change its intensity and transparency. You can also change the size of the individual drops, and the rate at which they disperse on the surface.

KPT Lightning

KPT® Lightning™ lets you create powerful, customized lightning bolts. You can control every aspect of a lightning bolt, from setting its length and color, to determining its path

and how much it zags and wanders. The lightning effect can then be realistically integrated into your source image using one of several blend modes.

KTP Pyramid Paint

KTP® Pyramid Paint™ uses the Lab color mode to let you transform source images into effects that resemble paintings, and perform various color and contrast adjustments to them.

KPT Scatter

KPT® Scatter™ is a 2-D particle system that lets you scatter a range of particles over a source image. You can scatter large masses of particles over an effect, or create densely packed particles to emulate intricate effects such as paint strokes or mosaics. You can also create special effects based on the way particles interact with the properties of a source image.

About the User Guide

The Corel KPT Collection User Guide assumes you are already familiar with basic Mac OS® and Windows® concepts — menus, dialog boxes, and mouse operations, such as clicking and dragging. If you need more information on these subjects, or about the Apple® Finder™ or the Windows desktop, refer to the Mac OS® User Manual or the Microsoft® Windows® User Guide, respectively.

User Guide Conventions

The Corel KPT Collection User Guide is for both Mac OS and Windows platforms. By convention, Mac OS commands precede Windows commands in the text. For example, Command/Ctrl + I, is equivalent to the Mac OS Command + I and the Windows Ctrl + I, and indicates that you must hold down the Command or Ctrl key, and press I. The term “folder” refers to directories as well as folders. The Corel KPT Collection interface for Mac OS and Windows platforms is identical, unless otherwise specified.

About Corel Corporation

Founded in 1985, Corel Corporation (www.corel.com) is a leading technology company specializing in content creation tools, business process management and XML-enabled enterprise solutions. The company’s goal is to give consumers and enterprise customers the ability to create, exchange and instantly interact with visual content that is always relevant, accurate and available. With its headquarters in Ottawa, Canada, Corel’s common stock trades on the Nasdaq Stock Market under the symbol CORL and on the Toronto Stock Exchange under the symbol COR.

Corel Customer Support Services

Corel Customer Support Services can provide you with prompt and accurate information about product features, specifications, pricing, availability, services and technical support.

Online Support Services

For information about online support services, visit www.corel.com. Please note, some of the services are available only in English.

Telephone Support Services

Web services	Description
Corel® Knowledge Base	Allows you to read, print and download documents that contain answers to many technical questions.
Newsgroups (peer-to-peer forums)	Allow you to exchange information, tips and techniques with other users of Corel products.
Downloads	Allow you to download product patches, updates and trial versions.

For detailed information regarding telephone support services, please visit www.corel.com.

Live telephone support services are available for all Corel products from warranty support (30 days) to fee-based Priority and Premium Services. OEM, “white box,” jewel case (CD only), trial, and Academic versions of Corel products are eligible for fee-based support services only.

North America

For pricing, purchasing, or general inquiries about Corel products, you can call Customer Service toll-free at 1-800-772-6735.

To speak directly to a technician please dial 1-613-274-0500. The hours of operation are 8:30 a.m. to 7:30 p.m., Monday to Friday, Eastern Standard Time (EST).

Outside North America

For pricing, purchasing, or general inquiries about Corel products, you can call Customer Service toll-free at 1-800-267-35127. If the country you are calling from is listed below, please call the corresponding number.

Please note that these numbers may change as we adapt our services to fit user needs. Check the international support numbers page at www.corel.com for the most up to date contact details.

Contact Customer Service for pricing, purchasing, general inquiries, or replacement CDs. Contact Technical Support Services should you require technical assistance operating your Corel software.

Country	Customer Service	Technical Support
Argentina	0800 777 3203	57 1 523 1240
Australia	1 800 658 850	61 2 8844 4101
Austria	0192 89600	0192 89600
Belgium (Dutch)	0240 06733	0240 06733
Belgium (French)	0240 06777	0240 06777
Brazil	0800 14 1212	55 11 5696 5797
Chile	54 0800 777 320357	1 523 1240
China	10 800 610 2323	10 800 610 2673
Colombia	01 800 091 9370	57 1 523 1240
Czech Republic	0224 239645	0224 239645
Denmark	352 58008	352 58008
Finland	922 906040	922 906040
France	0170 706090	0170 706090
Germany	06922 2220288	06922 2220288
Hong Kong	800 964 514	800 964 515
Hungary	204 117089	204 117089
Indonesia	1 803 61 539	1 803 61 544
Ireland	0124 77724	0124 77724
Israel	44 1628 581601	44 1628 581601
Italy	0236 003600	0236 003600
Japan	81 3554 53274	81 3531 93013
Luxembourg	44 1628 581603	44 1628 581603
Malaysia	1 800 807 895	1 800 807 899
Mexico	1 800 1234 854	57 1 523 1240
Netherlands	0207 132700	0207 132700
New Zealand	0508 267 351	0800 908 592
Norway	229 71908	229 71908
Poland	071 3477279	071 3477279

Portugal	44 1628 581601	44 1628 581601
Singapore	800 6161 853	800 6161 854
South Africa	0860 223 388	0860 223388
South Korea	82 2 3444 5166	82 2 3444 5166
Spain	0914 141500	0914 141500
Sweden	0856 610555	0856 610555
Switzerland (German)	0158 03280	0158 03280

Mail and Fax Support Services

You can send inquiries to Corel Support Services representatives by mail or fax.

Corel Support Services
1600 Carling Avenue
Ottawa, Ontario, Canada
K1Z 8R7
Fax: 1-613-761-9176

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GETTING STARTED

WHAT IS COREL KPT COLLECTION?

Corel KPT Collection is an extraordinary collection of filters that produce dazzling and unique effects for print and the Web. Whether you are a professional designer, artist, Web author, or hobbyist, the Corel KPT Collection filters will help you take your work to a new creative level, and enhance your productivity.

In this section, you'll learn about

- installing Corel KPT Collection
- accessing and quitting Corel KPT Collection filters
- the workspace
- using panels and sliders
- previewing filter effects
- customizing the workspace
- storing workspace and panel settings
- working with presets

INSTALLING COREL KPT COLLECTION

You can install Corel KPT Collection in host applications compatible with Mac OS and Windows.

TO INSTALL COREL KPT COLLECTION IN MAC OS

- 1 Insert the Corel KPT Collection CD into the computer's CD drive.
- 2 Browse to the **Corel KPT Collection** folder.
- 3 Double-click the **Corel KPT Collection installer** icon.
- 4 Follow the instructions on your screen.

TO INSTALL COREL KPT COLLECTION IN WINDOWS

- 1 Insert the **Corel KPT Collection** CD into the computer's CD drive.
- 2 Click **Install**.
- 3 Follow the instructions on your screen.

ACCESSING AND QUITTING FILTERS

You can access a Corel KPT Collection filter from the host application. You can quit a Corel KPT Collection filter in two ways. You can quit a filter and apply the effect to the source image in the host application. You can also quit a filter without applying the effect to the source image in the host application.

TO ACCESS A FILTER

Do one of the following:

- In Adobe® Photoshop®, click **Filters** ▶ **Corel KPT Collection**, and click a filter.
- In Painter, click **Effects** ▶ **Corel KPT Collection**, and click a filter.
- In Corel PHOTO-PAINT, click **Effects** ▶ **Corel KPT Collection**, and click a filter.
- In Bryce®, click a flyout arrow in the **Pictures** dialog box in **Picture editor**, click **Corel KPT Collection**, and click a filter.

Note

If you want to access a Corel KPT Collection filter in Bryce for the first time, you must first click a flyout arrow in the **Pictures** dialog box, click **Select plug-ins folder**, choose the folder where Corel KPT Collection is installed, and click **Choose/OK**.

To quit a filter

Click one of the following buttons:

- **OK** — to quit a filter and apply the effect
- **Cancel** — to quit a filter without applying the effect

Using panels and sliders

You can set the style in which panels display. You can also move sliders.

To set a panel display style

- 1 Click the filter name.
- 2 From the **Filter options** list box, choose one of the following styles:

- **Panel auto popup** — to automatically expand panels as you move the pointer over them
- **Panel manual popup** — to manually expand panels by clicking the **Cycler** button in the title bar
- **Panel solo mode** — to expand the current panel and automatically collapse those not in use

Note

In **Panel auto popup** mode, sliders expand to display a panel with additional controls you can use to adjust slider settings incrementally, and view previous slider settings (indicated by the location of the gray arrow).

In **Panel manual popup** mode, you can expand a panel by clicking the **Cycler** button in the right corner of its title bar.

In **Panel solo mode**, you can collapse an expanded panel by double-clicking its title bar.

To move a slider

- Drag the black slider arrow.

Previewing filter effects

The **Preview** window lets you dynamically view the results of your work. You can apply a background to the **Preview** window. You can also move and size the **Preview** window.

To apply a background to the Preview window

- Click the flyout arrow in the **Preview** window, and choose one of the following options from the **Preview options** list box:
 - **Preview against black** — to display an effect against a solid black background
 - **Preview against white** — to display an effect against a solid white background
 - **Preview against checkerboard** — to display an effect against a background of gray squares
 - **Preview against dark checkerboard** — to display an effect against a background of dark gray squares
 - **Preview against gradient** — to display an effect against a grayscale gradient background

Note

The effect only displays against the background while it is in the **Preview** window. The background is not applied to the source image in the host application, and does not impact the final render of the effect.

To move the Preview window

- Drag the title bar.

To size the Preview window

- 1 Click the flyout arrow in the **Preview** window.

- 2 From the **Preview options** list box, choose one of the following **Preview** window sizes:

- **Small preview**
- **Medium preview**
- **Large preview**

CUSTOMIZING THE WORKSPACE

You can apply a fun icon style to the common workspace. If the KPT workspace is smaller than the resolution of your screen, you can also display or hide common workspace controls.

To apply a fun icon style to the common workspace

- 1 Click the **KPT** logo.
- 2 Choose **Smileys!** from the **Global options** list box.

To display or hide common workspace controls

- 1 Click the **KPT** logo.
- 2 Choose **Black out screen** from the **Global options** list box.

STORING WORKSPACE AND PANEL SETTINGS

Storing workspace settings lets you save different workspace layouts. For example, you can arrange all panels on one side of the workspace and enlarge the **Preview** window, and then save this layout for later use.

Storing panel settings lets you save and compare different versions of a filter effect.

The workspace and panel settings you save are retained from one session to another, so you can use them again and again. When you no longer need stored workspace and panel settings, you can clear them. You can also restore default workspace or panel settings.

To STORE WORKSPACE SETTINGS

- Click a gray memory dot in the **Layout** panel.

Note Empty memory dots display gray, full memory dots display green, and memory dots currently in use display yellow.

To STORE PANEL SETTINGS

- Click a gray memory dot in the **Recall** panel.

To USE STORED WORKSPACE OR PANEL SETTINGS

- Click a green memory dot in one of the following panels:
 - **Layout** — to use stored workspace settings
 - **Recall** — to use stored panel settings

To CLEAR STORED WORKSPACE OR PANEL SETTINGS

- Hold down **Option/Alt**, and click the corresponding green memory dot in one of the following panels:

- **Layout** — to clear stored workspace settings
- **Recall** — to clear stored panel settings

To RESTORE DEFAULT WORKSPACE OR PANEL SETTINGS

- Click the memory dot in the center of one of the following panels:
 - **Layout** — to restore default workspace settings
 - **Recall** — to restore default panel settings

Working with PRESETS

Some Corel KPT Collection filters provide you with preset effects. You can load a preset effect. You can also save an effect you create as a preset. You can create multiple presets categories in which to organize the presets you store.

You can import and export presets.

To load A PRESET

- 1 Click the **Presets** button.
- 2 Double-click a preset thumbnail in the **Presets library** panel.

If the preset is stored in a category, you must first choose the category from the middle-left tile of the **Presets library**

panel, then double-click a preset thumbnail.

Note You can preview a preset by single-clicking a preset thumbnail. A larger version of the preset thumbnail displays in the upper-left tile of the **Presets library** panel.

To save an effect as a preset

- 1 Click the **Presets** button.
- 2 Choose a category from the middle-left tile of the **Presets library** panel.
- 3 Click **Add preset**.

A preset thumbnail displays in the **Presets library** panel.

Note You can also delete a preset from a category by clicking a preset thumbnail, and clicking **Delete preset**.

To create a presets category

- 1 Click the **Presets** button.
- 2 Click the flyout arrow in the **Presets library** panel, and click **Create new category**.
- 3 A text box displays in the middle-left tile of the **Presets library** panel.
- 4 Type a name.
- 5 Press **Return/Enter**.

Each category can store up to 24 presets.

To import a preset

- 1 Click the **Presets** button.

- 2 Click **Import** in the **Presets library** panel.

If you want to import a preset to a specific category, you must first choose the category from the middle-left tile of the **Presets library** panel, and then click **Import**.

- 3 Choose the folder where the file is stored in the **From** dialog box.
- 4 Click the file.
- 5 Click **Open**.

The preset displays as a thumbnail in the **Presets library** panel.

To export a preset

- 1 Click the **Presets** button.
- 2 Choose a category from the middle-left tile of the **Presets library** panel.
- 3 Click a preset thumbnail.
- 4 Click **Export**.
- 5 In the **Save as** dialog box, type a filename in the **Save as** box.
- 6 In the **Where** box, choose the folder where you want to export the file.
- 7 Click **Save**.

3

KPT PROJECTOR

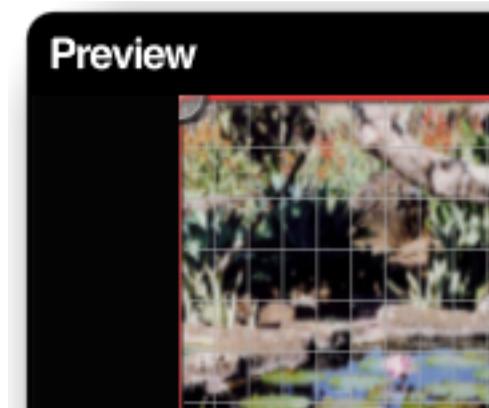
WELCOME TO KPT PROJECTOR

KPT Projector provides a robust collection of interactive perspective warp effects—allowing you to add 2D perspective distortions to an image, create 3D transformations, or tile an image into infinite space.

When you launch KPT Projector, your image is projected onto a two-dimensional plane in the Preview window. You can manipulate the perspective of the image in relation to this two-dimensional view plane. Or, you can change the position of the view plane—and therefore the image—in three-dimensional space.

Tip

Enabling the 2D View Grid option in the Parameters panel displays the view plane in the Preview window. Refer to “2D View Grid” on page 18 for more information.



An image in the Preview window.

CREATING 2D DISTORTIONS

KPT Projector provides three tools for creating 2D distortions: 2D Translate, 2D Scale, and 2D Rotate. In addition, you can create 2D distortions using the distortion handles.

USING THE DISTORTION HANDLES

The distortion handles are the circles at the corners of the image in the Preview window. These handles let you distort the image in relation to the view plane.

When you reposition the distortion handles, a rectangle appears behind the image. This rectangle marks the boundaries of the image plane and helps you see the relationship of the image to the view plane. When you apply the filter, the rectangle is filled with the document’s background color; or, in the case of a transparent background, with transparency.

Using the 2D Translate Tool



Drag the distortion handles to new positions to alter the perspective of the image in relation to the view plane.

To reposition a distortion handle

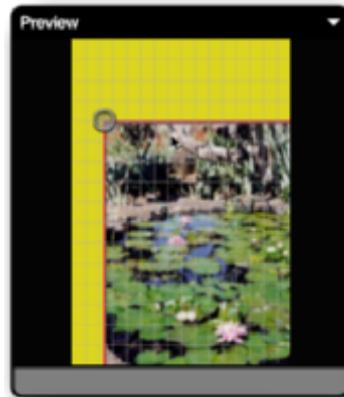
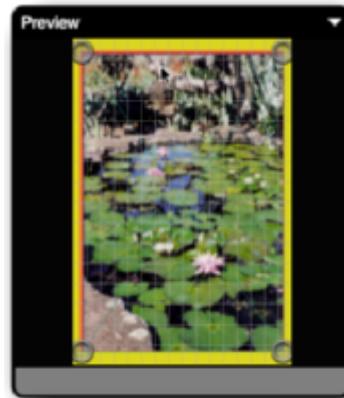
- Drag the handle to a new position in the Preview window.

To move a distortion handle in relation to the image

- 1 Hold down the Shift key and drag the handle to a new position.

Tip

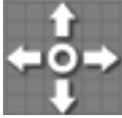
Enable the 2D Distortion Lines option in the Parameters panel to display lines connecting the distortion handles. As with the distortion handles, you can drag the distortion lines to distort the perspective of the image. Refer to “2D Distortion Lines” on page 18 for more information.



Use the 2D Translate tool to “translate” the position of the image in relation to the view plane while maintaining the current perspective.

To use the 2D Translate tool

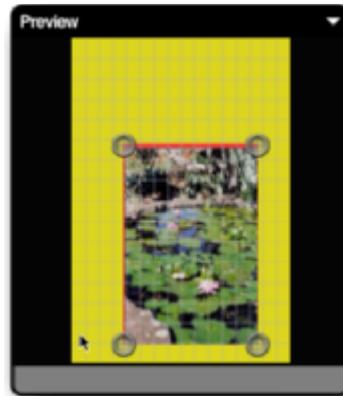
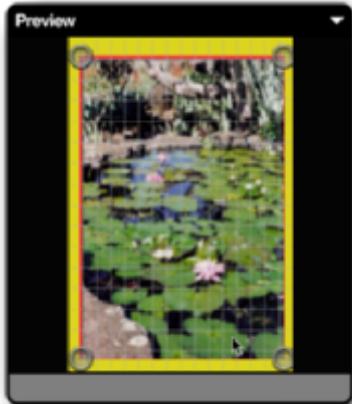
- 1 Click on the 2D Translate tool in the Tool panel.



- 2 Drag in the Preview window.

Using the 2D Scale Tool

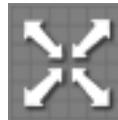
The 2D Scale tool lets you scale an image by zooming it in and out parallel to its current relationship to the view plane.



Use the 2D Scale tool to scale the image parallel to the view plane while maintaining the current perspective.

To use the 2D Scale tool

- 1 Click on the 2D Scale tool in the Tool panel.

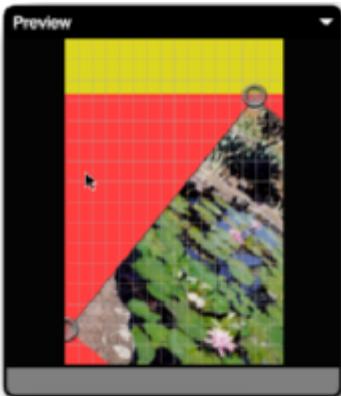
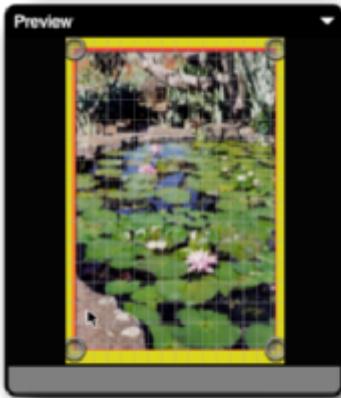


- 2 Drag in the Preview window.
 - The point where you click down zooms to the center of the Preview window.

- Dragging up or to the right zooms the image in.
- Dragging down or to the left zooms the image out.

Using the 2D ROTATE TOOL

The 2D Rotate tool lets you rotate an image in relation to the view plane. The point of rotation is the point where you click down with the mouse.



Use the 2D Rotate tool to rotate the image parallel to its current relationship to the view plane.

Tip

Be careful not to click down on a distortion line when using the 2D Rotate tool. You can disable the 2D Distortion Lines option in the Parameters panel to avoid this possibility. Refer to “2D Distortion Lines” on page 18 for more information.

To USE THE 2D ROTATE TOOL

- 1 Click on the 2D Rotate tool in the Tool panel.

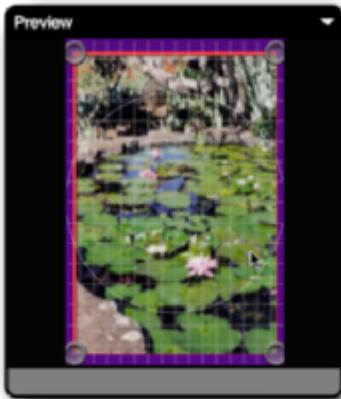


- 2 Drag in the Preview window.
 - The point where you click down with the mouse becomes the center of rotation.
 - Dragging to the right rotates the image to the right in relation to the view plane.

- Dragging to the left rotates the image to the left in relation to the view plane.

CREATING 3D DISTORTIONS

KPT Projector provides a fourth tool—the 3D Rotate tool—for distorting the perspective of an image in three-dimensional space.



The 3D Rotate tool affects the position of the view plane in three-dimensional space. This, in turn, changes the perspective of the image.

When you work with the 3D Rotate tool, a circle appears in the Preview window. Think of this circle as a transparent sphere that encloses the view plane. Where you drag in the circle determines how the view plane rotates.

- Dragging inside the circle rotates the view plane around the point where you click down with the mouse.

To visualize this, imagine the view plane inside a transparent ball. Now imagine rolling the ball by pushing it with your hand. If you push up, the ball rolls so that you can see the bottom of the enclosed view plane. If you push down and to the right, the ball rotates so that you see the upper left side of the enclosed plane. This rolling action is exactly what happens when you click in the Preview window and drag inside the circle.

- Dragging outside the circle maintains the current orientation of the view plane while spinning it in 3D space. In 3D applications, this type of rotation is called *banking*.

To visualize this, imagine looking down at the top of the transparent ball containing the view plane. Now imagine spinning the ball to the right or to the left—like spinning a basketball on your fingertip. The enclosed view plane maintains the same orientation while spinning.

Tip

Be careful not to click down on a distortion line when using the 3D Rotate tool. You can disable the 2D Distortion Lines option in the Parameters panel to avoid this possibility. Refer to “2D Distortion Lines” on page 18 for more information.

To use the 3D Rotate tool

- 1 Click on the 3D Rotate tool in the Tool panel.



- 2 Drag in the Preview window.
 - Dragging inside the circle rotates the view plane around the point where you click down with the mouse.
 - Dragging outside the circle maintains the current orientation of the view plane while spinning it in 3D space.

Resetting the Perspective

As you work with KPT Projector, you may create a perspective that doesn't suit your needs. You can easily return to the original perspective using the Tool panel's Options menu.

To reset the perspective

- 1 Click the triangle at the top right corner of the Tool panel.

- 2 Select an option from the Options menu:

- **Reset 2D Distortions** returns the image to its original position and aspect ratio in relation to the view plane.
- **Reset 3D Rotation** returns the view plane to its original perspective—parallel to the Preview window.
- **Reset All Distortions** returns both the view plane and the image to their original positions in the Preview window.

Tiling an Image

The Tiling option in the Parameters panel tiles the image across an infinite plane towards a horizon line.

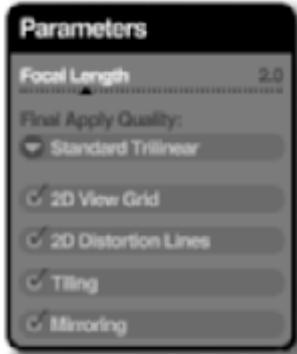
When tiling is enabled, the Mirroring option appears in the Parameters panel. Mirroring renders a mirror image of the tiled plane above the horizon—similar to the effect of a mirrored ceiling above a tiled floor.

To tile an image

- 1 Enable the Tiling option in the Parameters panel.
- 2 Enable or disable the Mirror option as desired.

SETTING PARAMETERS

The Parameters panel contains options for changing the display in the Preview window.



The Parameters panel.

FOCAL LENGTH

The focal length slider controls the “field of view” for the effect. You can set the focal length within a range of 1 to 5 units. Setting a high focal length widens the viewing field—similar to viewing the image through a wide angle lens.

Refer to “Using panels and sliders” on page 8 for more information about working with sliders.

FINAL APPLY QUALITY

The Final Apply Quality option controls the output quality of the final effect.

- **Standard Trilinear** provides fast output, but tends to blur on-edge views and effects on non-rectangular selections.

- **High Quality Anisotropic** evaluates the texture footprint as a non-rectangular shape, so it produces high-quality output in all cases. Use this option if you are working with text or highly detailed-images.

2D VIEW GRID

The 2D view grid defines the two-dimensional view plane. When the 2D View Grid option is enabled (checked), the view plane is visible in the Preview window.

Using the 2D view grid gives you a point of reference as you create perspective distortions.

2D DISTORTION LINES

The 2D distortion lines connect the distortion handles in the Preview window. As with the distortion handles, you can alter the perspective of the image by dragging the distortion lines to a new location.

The distortion lines are visible only when the 2D Distortion Lines option is enabled (checked).

Tip

Disable the 2D Distortion Lines option when working with the rotation tools—2D Rotate and 3D Rotate. This ensures that you won’t accidentally move the distortion lines when setting the point of rotation.

Tiling

The Tiling and Mirroring options provide controls for tiling the image across an infinite plane towards a horizon line.

Refer to “Tiling an Image” on page 17 for more information.

Using the Presets Library

KPT Projector includes a library of preset perspective distortions. You can also add distortions of your own creation to the library for future use.

Refer to “Working with presets” on page 10 for details about using the Presets Library.

Using Keyboard Commands

Keyboard commands are especially useful for operations that you perform frequently. This section lists KPT Projector-specific commands.

What you press:	The results you get:
Shift+Drag in Preview	Increase precision of current tool
Spacebar+Drag in Preview	Activate the 2D Translate tool
Command/Ctrl+Drag	Activate 2D Rotate tool
Option/Alt+Drag	Activate 2D Scale tool
Left Arrow	Select next tool to the left
Right Arrow	Select next tool to the right
G	Toggle 2D View Grid On/Off
L	Toggle 2D Distortion Lines On/Off
T	Toggle Tiling On/Off
M	Toggle Mirroring On/Off
O	Toggle OpenGL On/Off (if applicable)
R	Reset 2D distortions
R+Shift	Reset 3D distortions
R+Command/Ctrl	Reset all distortions

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