

## About PerfectPhoto

PerfectPhoto is a software package for sorting and enhancing images taken with a digital camera. PerfectPhoto consists of the following programs, each of which can be started separately:

- Album Explorer

This program helps you sort your images. You can register image files and sound files (\*.wav) in album format.

- Image Editor

You can use this image correction software to modify images. Retouch Navigation, for simple enhancement of photos, also works on Image Editor.

- Gallery Editor and Gallery Viewer

Gallery Editor is a software application to create photo galleries and slide shows, using a number of photos. Gallery Viewer is a software application that displays photo galleries and slide shows created using Gallery Editor.

## About Album Explorer

The Album Explorer is an application for organizing and managing images. The images are organized using bookshelves and albums. Images are stored into an album and the albums are stored into bookshelves.

### ◆ Bookshelf

The album is organized according to dates. When Album Explorer is started, the default bookshelf window is displayed. Several albums can be created in a bookshelf. The thumbnail of the first image in the album is displayed representing the album.

The album is created in a bookshelf by specifying the date. By specifying the date for album creation, the albums can be organized according to events or occasions which can be view in the Calendar mode. Also the images can be grouped according to the date taken and albums created for those dates automatically.

The bookshelf can be organized into themes and managed by putting titles to them. The albums in a theme can be viewed separately or all the albums can be viewed together.

The Album Explorer can create several bookshelves. During startup, if the Album Explorer contains no bookshelf, the "Default Bookshelf" is created automatically.

### ◆ Album

The images are managed in an album. The images can be input from a TWAIN device, such as a digital camera or digital scanner. Also all the images in a folder can be input at one time. You can select whether to copy the images into the album or create links to the images when storing images into an album. When a copy of the image is made, the original image file may be deleted without affecting the image in the album.

The album can also be organized into themes.

Information such as title and comments can be added to images. The information can be printed or used as keys to search.

## Starting Album Explorer

To start Album Explorer, do the following:

1. Click on the Windows **Start** button.
2. Move the cursor on **Program** and **PerfectPhoto**; then click on **Album Explorer**.  
Album Explorer starts.

The initial Album Explorer window has a bookshelf with a thumbnail view. When a number of albums are created in the bookshelf, they are ordered by creation times. The albums in a bookshelf and the images in an album can be grouped into themes.

## sort

{button ,JI(>second,`AXC004G')}Sorting Albums in the Bookshelf

{button ,JI(>second,`AXC005H')}orting Images in an Album

## Search

{button ,JI(>second,`AXC004H`)}Searching an Album in the Bookshelf

{button ,JI(>second,`AXC005H`)}Searching for an Image

## Delete

{button ,JI(`>second`,`AXC004D`)}Deleting a Bookshelf

{button ,JI(`>second`,`AXC005D`)}Deleting an Album

{button ,JI(`>second`,`AXC007B`)}Deleting a Theme

{button ,JI(`>second`,`AXC008B`)}Deleting an Image

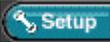
## Changing the View

{button ,JI(^>second',`AXC004E')}Changing the Bookshelf Display

{button ,JI(^>second',`AXC005F')}Changing the Album Display

## Changing the Thumbnail Size

Change the thumbnail size.

1. From the operation bar, Select  and then



**Change the thumbnail size.**

A menu is displayed.

2. Select a thumbnail size.  
The thumbnail size is changed.

## Registering an Image In an Album

You can register an image in an album in four different ways. For details, click on one of the following:

{button ,JI(>second',`AXC003A')} [Registering an Image in an Album](#)

{button ,JI(>second',`AXC003B')} [Registering All Images in a Folder](#)

{button ,JI(>second',`AXC003C')} [Importing an Image to an Album From a TWAIN Device](#)

{button ,JI(>second',`AXC003D')} [Finding a Bookshelf or Album in a Volume](#)

## Registering an Image in an Album

To register an image file, do the following:

1. Open an album, or create one.
2. From the operation bar, select  and then



### **Open image.**

A dialog is displayed where you can select a file.

3. Select a file and click on **Open**.  
The image is imported into the album.
4. Close the album.  
The album closes. A dialog appears, asking if you want to save the album.
5. Click on **Yes**.

## Registering All Images in a Folder

You can select a folder and import all the images stored in it.

1. Open an album, or create one.
2. From the operation bar, select  and then



### **Open folder.**

The Open a Folder dialog is displayed.

3. Select the folder where the images are stored, and click on **OK**.  
The images are imported.
4. After the images are imported, close the album.  
The album closes. A dialog appears, asking if you want to save the album.
5. Click on **Yes**.

## Importing an Image into an Album from a TWAIN Device

You can import images from a digital camera or a scanner that supports TWAIN devices.

1. Make sure that the TWAIN device driver is installed, and connect the digital camera to your computer using the cable provided with your TWAIN device.
2. Open an existing album, or create one.
3. From the operation bar, select  and then



### **TWAIN.**

The Select TWAIN Device and Import Image dialog is displayed.

4. Specify the TWAIN driver type, and click on **Open image**.  
The TWAIN driver program starts.  
**Tip:** For details on using a TWAIN driver, see the instructions that came with it.
5. After the image is imported, close the album.  
The album closes. A dialog appears, asking if you want to save the album.
6. Click on **Yes**.

## Finding a Bookshelf or an Album in a Volume

You can find and open a bookshelf or album from an MO (magneto-optic disk) or other volumes.

1. From the operation bar, select  and then



### **Search from volume.**

The Search from a Volume dialog is displayed.

2. Select whether to search all bookshelves or albums, and click on **Start search**.  
The search begins.
3. The search results are displayed in a list. Click on the bookshelf title or album title in the list.  
The bookshelf or album is displayed.

## Creating and Sorting Bookshelves

The initial setup provides only one bookshelf, but you can add more. For more information about handling bookshelves, click on one of the following:

{button ,JI(>second',`AXC004A')} [Creating a Bookshelf](#)

{button ,JI(>second',`AXC004B')} [Opening a Bookshelf](#)

{button ,JI(>second',`AXC004C')} [Saving a Bookshelf](#)

{button ,JI(>second',`AXC004D')} [Deleting a Bookshelf](#)

{button ,JI(>second',`AXC004E')} [Changing the Bookshelf Display](#)

{button ,JI(>second',`AXC004F')} [Renaming a Bookshelf](#)

{button ,JI(>second',`AXC004G')} [Sorting Albums in the Bookshelf](#)

{button ,JI(>second',`AXC004H')} [Searching for an Album in a Bookshelf](#)

{button ,JI(>second',`AXC004I')} [Searching for an Image in a Bookshelf](#)

{button ,JI(>second',`AXC004J')} [Registering an Album in a Bookshelf](#)

{button ,JI(>second',`AXC004K')} [Unregistering an Album from a Bookshelf](#)

## Creating a Bookshelf

To create a bookshelf, do the following:

1. From the menu, select **File, New**, and then **Bookshelf...**  
The Create a Bookshelf dialog is displayed.
2. Specify the bookshelf title and location, and then click on **OK**.  
A bookshelf is created.

## Opening a Bookshelf

To open a bookshelf by specifying the bookshelf title and the saved location, do the following:

1. From the menu, select **File, Open**, and then **Bookshelf...**  
The Open a Bookshelf dialog is displayed.
2. Specify the bookshelf title and location, and click on **Open**.  
The bookshelf opens.

## Saving a Bookshelf

To save a bookshelf, do the following.

1. From the operation bar, select  and then



**Save.**

The bookshelf is saved.

## Deleting a Bookshelf

To delete a bookshelf, do the following.

1. Select the bookshelf you want to delete.
2. From the operation bar, select  and then



### **Delete.**

A dialog prompts you to confirm the deletion.

3. Click on **Yes**.  
The bookshelf is deleted.

## Changing the Bookshelf Display

You can display bookshelves in any of the following display modes:

- **Calendar Display**

This is the default. Each window represents one calendar month. Albums are arranged in the order they were created. This display is convenient when you want to locate an album by the date of a particular event, such as a birthday. Click one of the arrows at the top to display a different month or year. Click on any day in the calendar to see it in detail. If you have more than one album in a date and you cannot see all of them on the calendar, look at the date in detail. If the date frame is too small to show all the albums, the total number of albums for that date is indicated in the top right corner of the day frame.

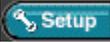
- **Compact display**

Albums are listed in the order they were created, as with the calendar display. However, dates with no albums are not shown, making the display compact.

- **Thumbnail display**

A thumbnail image is a reduced image, displayed in the size of a thumbnail.

A thumbnail display shows the first image in each album in the bookshelf. It is convenient when you want to actually see the image before deciding which album to open.

1. From the operation bar, select  and then



**View.**

2. Select a view from the menu.  
The view changes.

**Tip:** The initial value can be changed using the **Environment Settings** dialog.

## Renaming a Bookshelf

To rename a bookshelf, do the following:

1. Select a bookshelf.
2. From the menu, select **Edit** and then **Rename bookshelf....**  
The Rename the Bookshelf dialog is displayed.
3. Rename the bookshelf, and click on **OK**.

## Sorting Albums in the Bookshelf

Using the thumbnail display, you can arrange albums in order of date of creation, title, or size.

1. From the operation bar, select  and then



### Sort.

The Sort Albums dialog is displayed.

2. Select **Date created**, **Title**, or **Size**.  
The albums are rearranged as specified.
3. Put a check in the Decrement box to list albums in decreasing order. Remove the check to list them in increasing order.
4. Click on **OK**.

## Searching for an Album in the Bookshelf

To search for an album, do the following:

1. From the operation bar, select  and then



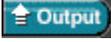
### **Search.**

The Search for an Album dialog is displayed.

2. Specify the search conditions and click on **OK**.  
The search starts.  
The album is selected and indicated on the display.

## Searching for an Image in the Bookshelf

The following search conditions can be specified to find an image:

- Date Taken
- Title
- Comments
- Symbol
- Keyword
-  Others

1. From the menu, select **Edit, Search**, and then **Search open bookshelves....**  
The Search for an Image dialog is displayed. On the **Date taken** tab, specify the date the photo was taken. On the **Title** tab, specify the image title. On the **Comments** tab, specify comments in the image. On the **Symbol** tab, specify the symbols in the image. On the **Keyword** tab, specify the keyword for the image. On the **Others** tab, specify any other details.
2. Click on **Search next** to start searching for the image.
3. Click on **Close** to stop the search.

## Registering an Album in the Bookshelf

To register an album in the bookshelf, do the following:

1. Click on a date on the calendar to select the date for registering an album. The date is enclosed in a frame.
2. From the operation bar, select  and then



### **Register album.**

The Register the Album dialog is displayed.

3. Specify the album title and location, and click on **Registration**.  
The album is registered.

## Unregistering an Album from the Bookshelf

To unregister an album in the bookshelf, do the following:

1. Select an album from the bookshelf.
2. From the operation bar, select  and then



**Unregister album.**

A confirmation dialog is displayed.

3. Click on **OK**.  
The album is unregistered from the bookshelf.

**Tip:** The album is not deleted from harddisk when unregistered from the bookshelf. Refer to **Deleting an Album** for information on how to delete an album from the harddisk.

## Creating and Sorting Albums

Initially the bookshelf contains no albums. An album is automatically created when you import an image. For more information about handling albums, click on one of the following:

{button ,JI(^>second',`AXC005A')} [Creating an Album](#)

{button ,JI(^>second',`AXC005B')} [Opening an Album](#)

{button ,JI(^>second',`AXC005C')} [Saving an Album](#)

{button ,JI(^>second',`AXC005D')} [Deleting an Album](#)

{button ,JI(^>second',`AXC005E')} [Changing the Saved Location of an Album](#)

{button ,JI(^>second',`AXC005F')} [Changing the Album Display](#)

{button ,JI(^>second',`AXC005G')} [Renaming an Album](#)

{button ,JI(^>second',`AXC005H')} [Sorting Images in an Album](#)

{button ,JI(^>second',`AXC005I')} [Searching All Open Albums](#)

{button ,JI(^>second',`AXC005J')} [Searching for an Image](#)

## Creating an Album

You can create an album.

1. From the operation bar, select  and then



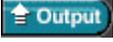
### **Create album.**

The Create an Album dialog is displayed.

2. Specify the album title and location, and click on **OK**.  
An album is created.

## Opening an Album

To open an album stored in the bookshelf, double-click on the album. To specify the folder where the album is stored, do the following.

1. From the operation bar, select  and then



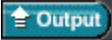
### **Open album.**

The Open an Album dialog is displayed.

2. Specify the album title or location, and click on **OK**.  
The album opens.

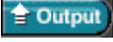
## Saving an Album

To save an album, do the following:

1. From the operation bar, select  and then  **Save**.  
The album is saved.

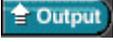
## Deleting an Album

To delete an album, do the following:

1. Select the album you want to delete.
2. From the operation bar, select  and then  **Delete album.**  
A dialog prompts you to confirm the deletion.
3. Click on **Yes**.  
The album is deleted.

## Changing the Saved Location of an Album

To change the saved location of an album, do the following:

1. Select an album.
2. From the operation bar, select  and then



### **Change album location.**

3. Enter the new album save location and album folder name and click on **OK**.  
The album saved location is changed.

## Changing the Album Display

You can display albums in any of the following display modes to suit your needs.

### **360-degrees scroll display**

This is the default. Small images from the album are displayed on a square grid. You can scroll in any direction. This is convenient if you want to view a lot of images at the same time.

### **Thumbnail display**

A thumbnail image is a reduced image, displayed in a small size like a thumbnail. In an album in thumbnail display, small images are lined up. Sound files are indicated with a default thumbnail.

### **Comments display**

Information about the image is shown at the side of the thumbnail.

1. From the operation bar, select  and then

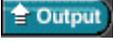
### **View.**

2. Select a view from the menu.  
The view changes.

**Tip:** The initial value can be changed using the **Environment Settings** dialog.

## Renaming an Album

To enter an album title, do the following:

1. Select an album.
2. From the operation bar, select  and then



### **Rename album.**

The Rename the Album dialog is displayed.

3. Specify a name for the album and click on **OK**.

## Sorting Images in an Album

You can sort the images in several different ways, including random sequence (Shuffle).

1. From the operation bar, select  and then

 **Sort images.**

The Sort Images dialog is displayed.

2. Select date taken, title, size, type, selected image first, vertical image first, or shuffle.  
The images are displayed in the selected arrangement.
3. Put a check in the **Decrement** check box to list the images in decreasing order; remove the check to list images in increasing order.
4. Click on **OK**.

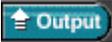
## Searching All Open Albums

When a number of albums are open, you can search all open albums for an image.

1. Select **Edit** from the menu, **Search**, and **Search open albums**.  
The Search for an Image dialog is displayed.
2. Specify the search conditions, and click on **Start search**.  
The search starts.  
The search results are displayed. To open the image, double-click on the image title.  
The image opens in Image Editor.

## Searching for an Image

You can search for an image in an open album.

1. From the operation bar, select  and then

 **Search.**

The Search for an Image dialog is displayed.

2. Specify the search conditions, and click on **Search next.**

The search starts. The image is selected in the Album Explorer window.

## Using Templates

Template images are registered in album style. To see the list of templates, do the following.

1. From the operation bar, select  and then



### **Open template.**

The Template album is displayed.

2. Double-click on a template.  
Image Editor starts.

## Adding a Theme to an Album

You can divide an album into different themes. The following features are available:

{button ,JI(^>second',`AXC007A')} Creating a Theme Tab and Moving Images

{button ,JI(^>second',`AXC007B')} Deleting a Theme

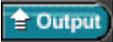
{button ,JI(^>second',`AXC007C')} Renaming a Theme

{button ,JI(^>second',`AXC007D')} Changing the Position of a Theme

{button ,JI(^>second',`AXC007E')} Hide or Show a Theme

## Creating a Theme Tab and Moving Images

To create a theme tab or move an image, do the following:

1. From the operation bar, select  and then



### **Create theme.**

A theme tab is added.

2. Drag an image onto the theme.  
The theme opens.
3. Drop the image on the theme.  
The images in the theme are displayed.

## Deleting a Theme

To delete a theme, do the following:

1. Click on the theme to select it
2. From the operation bar, select  and then

 **Delete.**

The theme is deleted.

## Renaming a Theme

To enter a theme name, do the following:

1. Open the album.
2. Select the theme.
3. From the operation bar, select  and then



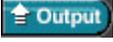
### **Rename theme.**

A dialog where you can rename the theme is displayed.

4. Enter the title and click on **OK**.

## Changing the Position of a Theme

To change the position of a theme, do the following:

1. Select the theme.
2. From the operation bar, select  and then



### **Move theme.**

The [Move theme] dialog is displayed.

3. Click the move direction button.
4. Click **Close**.

## Hide or Show a Theme

The images can be displayed as separate themes, or they can all be displayed together (with no themes).

1. From the operation bar, select  and then



**Hide or Show theme.**

The theme is either hidden or displayed.

**Tip:** The initial value can be changed using the **Environment Settings** dialog.

## Sorting Images in an Album

To move an image in an album, drag and drop it. To delete unnecessary images, select them and click on **Delete**.

To learn about sorting images, click on one of the following:

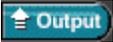
{button ,Jl(^>second',`AXC008A')} [Rotating an Image](#)

{button ,Jl(^>second',`AXC008B')} [Deleting an Image](#)

{button ,Jl(^>second',`AXC008C')} [Changing Image Information](#)

## Rotating an Image

If you take an image with the digital camera on its side, the image lies sideways when imported into the album. You can turn the image the right way up.

1. Open an album and click on an image.  
The image is selected.
2. From the operation bar, select  and then



### **Rotation.**

The Rotate the Image dialog is displayed.

3. Select the direction of rotation and click on **OK**.  
The image rotates.

## Deleting an Image

To delete an image, do the following:

1. Select the image.
2. From the operation bar, select  and then

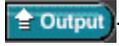
 **Delete.**

A dialog is displayed where you can verify the deletion.

3. Click on **Yes**.  
The image is deleted.

## Changing Image Information

You can change the following information:



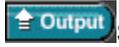
Title



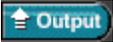
Comment



Symbol



Search keyword

1. Open the album and click on the image.  
**The image is selected.**
2. From the operation bar, select  and then



### **Change image information.**

The Change Image Information dialog is displayed. The File Information tab shows the image size, resolution, and other information.

3. Enter the title and comments on the **General** tab, a symbol on the **Symbol** tab, or a keyword on the **Keyword** tab. Use these when searching for the image.
4. Click on **OK**.

## Printing an Image

In Album Explorer, both printing and creating a HTML file are called *output*. The following output features are available:

### Printing

You can print images using the preview window for printing, as described below. To avoid creating color differences between the display and the printed image, adjust the hue and contrast when printing. For details, click on one of the following:

{button ,JI(^>second',`AXC009A')}[Using the Preview the Printout Dialog](#)

{button ,JI(^>second',`AXC009B')}[Printing an Image Directly](#)

{button ,JI(^>second',`AXC009C')}[Setting Up the Printer](#)

{button ,JI(^>second',`AXC009D')}[Adjusting Hue and Contrast](#)

### HTML Output

HTML language is also output. For details, click on the following:

{button ,JI(^>second',`AXC009E')}[HTML Output](#)

## Using the Preview the Printout Dialog

You can see a preview of the printout with the current printer settings.

1. Open the album.
2. Click on the image.  
The image is selected.
3. From the operation bar, select  and then



### **Print preview.**

The dialog is displayed where you can preview the printout.

4. Specify the print features while checking results in the preview window.
5. Click on  **Print** in the operation bar  
Printing starts.

## Printing an Image Immediately

You can print an image without viewing the preview. The last settings selected in the preview window are automatically used.

1. Open the album.
2. Click on an image.
3. From the operation bar, click on  and then



### **Print.**

The Select the Print Mode dialog is displayed.

4. Specify the print mode, and click on **Print**.  
Printing starts.

## Setting Up the Printer

To set up the printer, do the following:

1. From the operation bar, select  and then



### **Printer settings.**

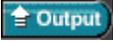
The Printer Settings dialog is displayed.

2. Set up the printer.
3. Click on **OK**.

## Adjusting Hue and Contrast

### Trial Print

The image displayed on the monitor may be slightly different from the printed image. To print the optimum image, use **Trial Print** to adjust hue and contrast.

1. Open the album.
2. Click on the image.
3. From the operation bar, select  and then



#### **Trial print.**

The Trial Print dialog is displayed. The dialog shows a selection of images of varying hue and contrast.

4. Click on **Print**.  
The image thumbnails are printed in the same layout as the dialog.

### Registering a Profile

To save the hue and adjustment profile, do the following:

1. Check the printed result, click on the thumbnail with the best hue and contrast, and specify a profile name.
2. Click on **Close**.  
Your profile is registered.

### Using a Profile

To use a profile that you have saved, do the following.

1. Select an image.
2. From the operation bar, select  and then



#### **Trial print.**

3. Specify the profile name.
4. Click on **OK**.  
Printing starts.

## Creating HTML Output

You can easily create HTML output simply by selecting the image location pattern. The HTML output can be used for your Web page with no further alterations.

1. Open the album.
2. Select one or more images.
3. From the operation bar, select  and then



### **HTML Output.**

The HTML Output dialog is displayed.

4. Specify a style..  
The preview is displayed on the left side of the dialog.
5. Check the preview and click on **OK**.  
The HTML file and image file are stored in the specified folder.

## Setting Up Options

For more information about Album Explorer settings, click on one of the following:

{button ,JI(>second',`AXC010A')} [Album Explorer Environment Settings](#)

{button ,JI(>second',`AXC010B')} [Checking Disk Space](#)

{button ,JI(>second',`AXC010C')} [Compression Settings](#)

## Album Explorer Environment Settings

You can specify the environment for importing images, using an external application, and importing from a TWAIN device.

1. From the operation bar, select  and then



### **Environment settings.**

The Environment Settings dialog is displayed.

2. Specify the settings.
3. Click on **OK**.

## Checking Disk Space

You can check how much each disk is in use.

1. From the operation bar, select  and then



### **Disk space.**

The Disk Space dialog is displayed.

2. Select a drive.
3. Click on **Start**.

The disk space is displayed.

## Compression Settings

You can specify the compression rate for an image file registered in the album. When you compress a file, the file size becomes smaller, but the image quality deteriorates.

1. Select an image.
2. From the operation bar, select  and then



### **Compression settings.**

The Compression Settings dialog is displayed.

3. Specify the compression rate and click on **OK**.  
The compression rate used in the JPEG compression format is specified. The compression rate is applied.

## Starting Applications

### Using PerfectPhoto and Helper Applications

PerfectPhoto contains a retouch application and applications for creating and viewing digital galleries. Image Editor is an application used to retouch images. Gallery Editor is an application used to create digital galleries. Gallery Viewer is used to replay digital galleries. For details, click on one of the following:

{button ,JI(^>second',`AXC011A')} [Starting Image Editor](#)

{button ,JI(^>second',`AXC011B')} [Starting Gallery Editor](#)

{button ,JI(^>second',`AXC011C')} [Starting Gallery Viewer](#)

### Starting a Helper Application

You can register your own HTML Editor or E-mail application as an external application. For details, click on one of the following:

{button ,JI(^>second',`AXC011D')} [Starting an HTML Editor](#)

{button ,JI(^>second',`AXC011E')} [Starting E-mail](#)

### Using a Sound Player

You can replay sound files (.wav) registered in the album, by registering your own sound player as an external application. For details, click on the following button:

{button ,JI(^>second',`AXC011F')} [Starting a Sound Player](#)

### Using Helper Applications

You can register up to three external applications, including your Web browser and other helper applications. For details, click on the following:

{button ,JI(^>second',`AXC011G')} [Starting Helper Applications](#)

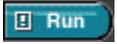
## Starting Image Editor

Image Editor is an application used to correct or enhance images.

## Starting Image Editor

Start Image Editor using one of the following methods:

- From the operation bar, select



and then



**Start Image Editor.**

- Open an album and double-click on an image.  
The image is displayed on Image Editor.

## Starting Gallery Editor

Gallery Editor is an application used to create digital galleries. You can replay a gallery created in Gallery Editor. You can also save it and play it back in Gallery Viewer.

## Starting Gallery Editor

To start Gallery Editor, select  and then



**Start Gallery Editor** from the operation bar.

## Starting Gallery Viewer

Gallery Editor is an application used to play back a digital gallery. If you start Gallery Viewer with an album open, you can enjoy viewing a digital gallery that uses all the images contained in the album. You can also play back the galleries that you have created in Gallery Editor.

To start Gallery Viewer, do the following:

1. To display all images contained in the album as a digital gallery, open the album.
2. From the operation bar, select  and then



**Start Gallery Viewer.**

## Starting an HTML Editor

IBM Home Page Builder and external software applications used to create home pages are called *HTML editors*. You can start your HTML editor as an external application with PerfectPhoto.

## Registering an HTML Editor

Register your Web page building application in the Environment Settings dialog.

1. From the operation bar, select  and then

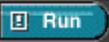


### **Environment settings.**

The Environment Settings dialog is displayed.

2. Click on **Help topics**.  
The Help dialog is displayed.
3. Click on **Browse...** at the right of HTML Editor, and then select the start up file of your Web page building application.
4. Click on **OK**.

## Starting your HTML Editor

To start the HTML editor that you have registered, select  and then



**Start HTML editor** from the operation bar.

## Starting E-mail Software

You can start your E-mail application as an external application for PerfectPhoto.

### Registering an E-mail Application

Register your E-mail application in the Environment Settings dialog.

1. From the operation bar, select  and then



#### **Environment settings.**

The Environment Settings dialog is displayed.

2. Click on the **Help topics** tab.  
The Help dialog is displayed.
3. Click on **Browse...**, and select the start up file of your mail application.
4. Click on **OK**.

### Starting your E-mail Application

To start the mail application that you have registered, select  and then



**Start E-mail** from the operation bar.

## Starting a Sound Player

You can start your own sound player application as a helper application with PerfectPhoto.

## Registering Your Sound Player

Register your sound player application in the Environment Settings dialog.

1. From the operation bar, select  and then



### Environment settings.

The Environment Settings dialog is displayed.

2. Click on the **Help topics** tab.  
The Help dialog is displayed.
3. Click on **Browse...** and select the start up file for your sound player application.
4. Click on **OK**.

## Starting Your Sound Player

To start the sound player you have registered, select  and then



**Start sound player** from the operation bar,

## Starting Helper Applications

You can use your frequently used applications as helper applications with PerfectPhoto.

## Registering Helper Applications

Register your frequently used application, for example your Web browser, in the Environment Settings dialog.

1. From the operation bar, select  and then



### Environment settings.

The Environment Settings dialog is displayed.

2. Click on **Help topics**.  
The Help dialog is displayed.
3. Click on **Browse...** and select the start up file of a frequently used application.
4. Click on **OK**.

You can register helper applications in Other 2 and Other 3.

## Starting Helper Applications

To start a program that you have registered, do the following:

1. From the operation bar, select  and then



### Other 1.

The application starts.

You can start  **Other 2** and



### Other 3.

## Album Explorer Operation Bar

### Using the Operation Bar

1. Click on one of the following:

- Start
- Edit
- Manage
- Output
- Settings
- Run

The option is selected, displaying icons.

2. Click on an icon.

The command is run.

### Icons

The following icons are available in the Album Explorer operation bar:

- (Input images to album)
- Create album
- Open album
- Open image
- Open folder
- TWAIN
- Open template
  
- (Organize images in album)
- Create theme
- Rename theme
- Move theme
- Rename album
- Sort
- Search
- Delete
- Rotate
- Change information
  
- (Organize albums)
- Register album
- Unregister album
- Change album location
- Search from volume
  
- (Output images and albums)
- Save
- Print preview
- Print
-  HTML output
  
- (Change properties)
- View
- Hide or show theme
- Thumbnail size



## Environment settings

- Disk space
- Compression settings
- Printer settings
- Trial print
  
- (Execute helpers)
- Image Editor
- Gallery Editor
- Gallery Viewer
- HTML editor
- E-mail
- Sound player
- Other 1
- Other 2
- Other 3

## Open a Folder

### Using the Dialog

1. Select the folder that contains the images.
2. Click **OK**.

A new album is created and the images from the selected folder are stored into the new album.

### What is this dialog used for?

This is a dialog for selecting a folder and storing all images which are contained in that folder.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD001A')}Include subfolders

{button ,JI(^>second',`AXD001B')}Create a copy of the original image

{button ,JI(^>second',`AXD001C')}Create an album for each date in the image file

{button ,JI(^>second',`AXD001D')}Save and close album immediately

## Open a Folder

### Using the Dialog

1. Select the folder that contains the images.
2. Click **OK**.  
The images from the selected folder are stored into the album.

### What is this dialog used for?

This is a dialog for selecting a folder and storing all images which are contained in that folder.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD001A')}[Include subfolders](#)

{button ,JI(^>second',`AXD001B')}[Create a copy of the original image](#)

## Open an Image

### Using the Dialog

1. Select images.
2. Click **Open**.

A new album is created and the images are stored into the new album.

### What is this dialog used for?

This is a dialog for selecting a folder and storing all images which are contained in that folder.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD001B')}Create a copy of the original image

{button ,JI(^>second',`AXD001C')}Create an album for each date in the image file

{button ,JI(^>second',`AXD001D')}Save and close album immediately

## Open an Image

### Using the Dialog

1. Select images.
2. Click **Open**.  
The images are stored into the album.

### What is this dialog used for?

This is a dialog for selecting a folder and storing all images which are contained in that folder.

### Options

For more information, click on one of the following:

[Create a copy of the original image](#)

**Include subfolders**

The images contained in the subfolders of the selected folder are also stored.

## **Create a copy of the original image**

Select whether to copy the original image file to the album or not.

The album manages a copy of the original image file when this option is enabled during image input. When a thumbnail is deleted from the album, the copy of the image file is also deleted from the harddisk. When this option is disabled, a copy of the original image file is not made and the album manages the original image file directly. In this case, when the thumbnail is deleted from the album, the original image file is not deleted.

## **Create an album for each date in the image file**

Select whether to create an album for each new date the image was taken or not.

When this option is enabled during image input, an album is created for each new date the image was taken and the images with the same date are stored together in an album. When this option is disabled, a single album is created on a user-selected date and the images are all stored in this album.

### **Save and close album immediately**

Select whether to save and close the album after it is created or not.

When an error occurs while creating several albums during image input, try again with this option enabled.

## Search form Volume

### Using the Dialog

1. Select the volume for searching.
2. Select whether to search a bookshelf or an album.

1. Click **Start search**.

When the search completes, a list of bookshelves or albums is displayed at the bottom of this dialog.

4. Double click a title to open the bookshelf or album.

### What is this dialog used for?

Search for bookshelves and albums from a single volume, such as a diskette and harddisk.

## Create an Album

### Using the Dialog

1. Enter the album title and the album saved location of the new album.
2. Click **OK**.  
The album is created.

### What is this dialog used for?

This dialog is used to create a new album.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD004A')}[Album title](#)

{button ,JI(^>second',`AXD004B')}[Album location](#)

{button ,JI(^>second',`AXD004C')}[List of albums](#)

## Open an Album

### Using the Dialog

1. Specify the album saved location.
2. Select an album which you want to open from the list of albums.
3. Click **OK**.  
The selected album opens.

### What is this dialog used for?

This dialog is used to open an album.

### Options

For more information, click on one of the following:

{button ,JI(>second',`AXD004A')}[Album title](#)

{button ,JI(>second',`AXD004B')}[Album location](#)

{button ,JI(>second',`AXD004C')}[List of albums](#)

## Register the Album

### Using the Dialog

1. Specify the album saved location.
2. Select an album which you want to register from the list of albums.
3. Click **OK**.  
An album thumbnail is displayed at the current selected date.

### What is this dialog used for?

This dialog is used to register a previously created album.

### Options

For more information, click on one of the following:

{button ,JI(>second',`AXD004A')}[Album title](#)

{button ,JI(>second',`AXD004B')}[Album location](#)

{button ,JI(>second',`AXD004C')}[List of albums](#)

## **Album title**

The maximum length of an album title is 80 characters.

## **Album saved location**

This is a folder which contains the album data. The name of the folder is "aYYYYMMDDHHmmSS", where YYYY is year, MM is month, DD is day, HH is hour, mm is minutes and SS is seconds when the album is created. The album data consists of an album file, image thumbnail cache files and image files. The album file contains information such as album title, theme title, image information and others. The image files are copies of the original files which were created when the images were input.

## List of albums

A title list of albums in the album saved location is displayed.

## Search Album

### Using the Dialog

1. Specify the title for the album to be searched.

1. Click **Search next**.

When the search is complete, a list of albums found in the bookshelf is displayed.

### What is this dialog used for?

In this dialog, you can search album.

### Options

Two tabs are available in this dialog. For details, click on one of the following:

{button ,JI(^>second',`IDH\_AXD007A')}Title

{button ,JI(^>second',`IDH\_AXD007B')}Other

## **Title**

Images in an album can be searched by specifying the title. Upto three text strings for the title can be specified. Any image title containing one of the three titles will match.

## Other

Click **Distinguish upper case and lower case** to distinguish upper case and lower case while searching with titles.

## Sort Albums

### Using the Dialog

1. Select the sorting order.
2. Click **OK**  
The albums are displayed according to the sorting order..

### What is this dialog used for?

This dialog is used to change the display sorting order of the albums. The sorting orders are album creation date (registration date), title and size (number of images). The albums are displayed according to creation date order when the bookshelf is first opened.

This dialog is active only during thumbnail view.

## Rename the Album

### Using the Dialog

1. Enter a new title.
2. Click **OK**.  
The album title is changed.

### What is this dialog used for?

This dialog is used to change the album title. The maximum length of an album title is 80 characters.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD004A')}[Album title](#)

## Change the Album Saved Location

### Using the Dialog

1. Specify the title and save location of the new album.
2. Click **OK**.  
An album is created.

### What is this dialog used for?

This dialog is used to change the save location of an album. The full path of the new album is the album save location concatenated with the album folder (automatically created).

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD004B')}[Saved location](#)

{button ,JI(^>second',`AXD010A')}[Copy all images to album](#)

{button ,JI(^>second',`AXD010B')}[Do not delete source album](#)

## **Copy all images to album**

Copies all images into the new album, including those images which were not copied during input.

## **Do not delete source album**

Create a copy of an album. The copy source album is not changed. The copied album is not registered to the bookshelf.

## Change the Album Color

### Using the Dialog

1. Select an album cover color from the list of album cover colors.
2. Click **OK**.

The album cover color of the thumbnail view is changed.

**Tip:** To update the settings without closing the dialog, click **Apply**.

### What is this dialog used for?

This dialog is used to change the album cover color of the thumbnail view.

## Specify the Album Saved Location

### Using the Dialog

1. Specify the save location of the new album.
2. Click **OK**.  
An album is created.

### What is this dialog used for?

This dialog is used to specify the save location of several new albums at once.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD004B')}[Album Saved location](#)

## **Rename the Theme**

### **Using the Dialog**

1. Enter a new title.
2. Click **OK**.  
The theme title is changed.

### **What is this dialog used for?**

This dialog is used to change the theme title. The maximum length of a theme title is 80 characters.

## Move a Theme

### Using the Dialog

1. Click the move direction button.  
The theme moves to the specified direction.

### What is this dialog used for?

This dialog is used to change the order of the themes.

### Options

- **Leftmost** Move the theme to the leftmost position.
- **Left** Move the theme to the left.
- **Right** Move the theme to the right.
- **Rightmost** Move the theme to the rightmost position.

## Change Image Information

### Using the Dialog

1. Click on one of the following tabs:
  - General
  - Symbol
  - Keyword
  - File InformationThe appropriate tab is displayed.
2. Enter the Image Information.
3. Click **OK**.  
The Change Image Information dialog closes.

**Tip:** Click **Apply** to update the information without closing the dialog.

### What is this dialog used for?

In this dialog, you can add information to the image.

### Tabs

Four tabs are available in this dialog. For details, click on one of the following:

{button ,JI(^>second',`IDH\_AXD014A')}General

{button ,JI(^>second',`IDH\_AXD014B')}Symbol

{button ,JI(^>second',`IDH\_AXD014C')}Keyword

{button ,JI(^>second',`IDH\_AXD014D')}File information

## General

You can enter up to 80 characters for the title, and 256 characters for the comments. Enter the title of the image in the Title field, and comments about the image in the Comments field.

## Symbol

Click on a symbol to select it. You can select up to 8 symbols for each image.

To delete the last symbol you have entered, click **Delete one**. To delete all symbols, click **Delete all**.

## Keyword

Enter the keyword and click **Add** to register it. You can register as many keywords as you like. The maximum length for each keyword is 80 characters.

To delete a registered keyword, select it and click **Delete**.

You can search for images using keywords.

## **File Information**

This tab shows the image size, resolution, and other information. You cannot alter this information.

## Search for Image

### Using the Dialog

1. Specify the search conditions by selecting one of the radio buttons.
2. Click **Search next**.  
When the search is complete, a list of images is displayed.
3. Double-click on an image title to open it in Image Editor.

### What is this dialog used for?

In this dialog, you can search for images.

### Options

Six tabs are available in this dialog. For details, click on one of the following:

{button ,JI(^>second',`IDH\_AXD015A')}Date Taken

{button ,JI(^>second',`IDH\_AXD015B')}Title

{button ,JI(^>second',`IDH\_AXD015C')}Comments

{button ,JI(^>second',`IDH\_AXD015D')}Symbols

{button ,JI(^>second',`IDH\_AXD015E')}Keyword

{button ,JI(^>second',`IDH\_AXD015F')}Other

## Date Taken

Search for an image with the date the image was taken. Click **This year** to search from images taken this year. Click **This month** to search for images taken this month. Click **All** to search for images taken from all the years. Click **Previous years** and enter the number of years, to search images taken from previous years. Click **Range** and enter the starting year and ending year, to search for images taken over a range of years.

To search by just the precise date, click **Date taken only**.

## Title

Images can be searched by specifying the title. Upto three text strings for the title can be specified. Any image title containing one of the three titles will match.

To search by the exact title only, click **Title only**.

## Comments

Images can be searched by specifying the comments. Upto three text strings for the comments can be specified. Any image with one of the three comments will match.

To search for the exact text in the comments only, click **Comments only**.

## Symbols

You can search for an image by specifying the symbol. Click on the symbol you want to search for. To delete the last symbol you added, click **Delete one**. To delete all the symbols, click **Delete all**.

To search for the exact symbol specification, click **Symbol only**.

## Keyword

Images can be searched by specifying the keywords. Upto three text strings for the keywords can be specified. Any image with one of the three keywords will match.

To search for the exact text of the keyword, click **Keyword only**.

## Other

Click **Search all open bookshelves** to search from all opened bookshelves. Click **Search all open albums** to search from all opened albums. Click **Distinguish uppercase and lowercase** to distinguish upper case and lower case while searching with titles, comments and keywords.

## Sort Images

### Using the Dialog

1. Select the sorting order.
2. Click **OK**.  
The images will be sorted according to the sorting order.

### What is this dialog used for?

In this dialog, you can sort images.

### Options

For more information, click on one of the following:

{button ,JI(>second',`IDH\_AXD016A')}Date Taken

{button ,JI(>second',`IDH\_AXD016B')}Title

{button ,JI(>second',`IDH\_AXD016C')}Size

{button ,JI(>second',`IDH\_AXD016D')}Type

{button ,JI(>second',`IDH\_AXD016E')}Selected image first

{button ,JI(>second',`IDH\_AXD016F')}Vertical image first

{button ,JI(>second',`IDH\_AXD016G')}Shuffle

## **Date Taken**

Sort the images according to the date when the image was taken. The date when the image was taken depends on the value set in the Environment Settings dialog.

**Title**

Sort the images in alphabetical order of the title.

## Size

Sort the images in order of size.

## Type

Sort the images in alphabetical order of the file extension (type).

## **Selected image first**

Move the currently selected images to the start of the album. When the **Descending** is selected the selected images are moved to the end of the album.

## Vertical image first

Move the portrait images to the start of the album. When the **Descending** is selected the portrait images are moved to the end of the album.

## **Shuffle**

The images are repositioned in a random order. The ordering is different everytime shuffle is performed.

## Rotate an Image

### Using the Dialog

1. Specify the direction of the rotation.
2. Click **OK**.

The image rotates.

**Tip:** The original file can be preserved, if a copy of the image file is rotated.

### What is this dialog used for?

This dialog is used to change the orientation of the image. The image file is updated.

## Create a Bookshelf

### Using the Dialog

1. Specify the title and save location of the new bookshelf.
2. Click **OK**.  
A bookshelf is created.

### What is this dialog used for?

This dialog is used to create a new bookshelf.

### Options

For more information, click on the following:

{button ,JI(^>second',`AXD018A')}Bookshelf title  
{button ,JI(^>second',`AXD018B')}Bookshelf location  
{button ,JI(^>second',`AXD018C')}List of bookshelves

## Open a Bookshelf

### Using the Dialog

1. Specify the bookshelf saved location.
2. Click **OK**.  
The selected bookshelf opens.

### What is this dialog used for?

This dialog is used to open a bookshelf.

### Options

For more information, click on the following:

{button ,JI(^>second',`AXD018A')}Bookshelf title  
{button ,JI(^>second',`AXD018B')}Bookshelf location  
{button ,JI(^>second',`AXD018C')}List of bookshelves

## **Bookshelf title**

The maximum length of a bookshelf title is 80 characters. A default title, for example, 12/31/98, is set if the title is not specified when a new bookshelf is created. The Album Explorer has always has at least one bookshelf which has the title, "Default Bookshelf".

## **Bookshelf saved location**

This is a folder which contains the bookshelf data. The name of the folder is "bYYYYMMDDHHmmSS", where YYYY is year, MM is month, DD is day, HH is hour, mm is minutes and SS is seconds when the album is created. The bookshelf data consists of a bookshelf file and album thumbnail cache files. The bookshelf file contains information such as bookshelf title, theme title, album information and others.

## List of bookshelves

A title list of bookshelves in the bookshelf saved location is displayed.

## Rename the Bookshelf

### Using the Dialog

1. Enter a new title.
2. Click **OK**.  
The bookshelf title is changed.

### What is this dialog used for?

This dialog is used to change the title of a bookshelf. The maximum length of a bookshelf title is 80 characters.

### Options

For more information, click on the following:

{button ,JI(^>second',`AXD018A')}[Bookshelf title](#)

## Change Date

### Using the Dialog

1. Enter the date which you want to view.
2. Click **Show**.  
The view of the entered date is displayed.
3. Click **Close**.  
The dialog closes.

### What is this dialog used for?

This dialog is used to change the view according to the date. When an album is created, it is registered to this date.

### Options

For more information, click on the following:

[{button ,JI\(^>second',`AXD021A'\)}Show album registered](#)  
[{button ,JI\(^>second',`AXD021B'\)}Show today](#)

## Show album registered

When **Forward** is clicked, a forward search is performed for an album starting at the current selected date. When **Backward** is clicked, a backward search is performed for an album starting at the current selected date.

## Show today

Today's view is displayed.

## Environment Settings

### Using the Dialog

1. Click on one of the following tabs:

- Bookshelf
- Album
- Image
- Help
- Input

The appropriate tab is displayed.

2. Enter your settings.

3. Click **OK**.

The environment is updated.

**Tip:** To update the settings without closing the dialog, click **Apply**.

### What is this dialog used for?

In this dialog, you can change the settings for the whole system.

### Options

Three tabs are available in this dialog. For details, click on one of the following:

{button ,JI(^>second',`IDH\_AXD022A')}}Bookshelf

{button ,JI(^>second',`IDH\_AXD022B')}}Album

{button ,JI(^>second',`IDH\_AXD022C')}}Image

{button ,JI(^>second',`IDH\_AXD022D')}}Help

{button ,JI(^>second',`IDH\_AXD022E')}}Input

## Bookshelf

- **Default View**

You can select the view you prefer from Calendar view, Compact view and Thumbnail view.

- **Thumbnail Size**

The album thumbnail size is specified. This setting is only valid for the Thumbnail view.

- **Theme**

Whether to display the theme tab or not is specified. When the theme tab is not displayed, all the registered albums are displayed together.

- **Default Bookshelf**

Closing or deleting the "Default Bookshelf" is disabled.

- **Album Color**

You can change the color of the album cover. This setting is only valid for the Thumbnail view.

## Album

- **Default View**

You can select the view you prefer from 360 degrees scroll view, Thumbnail view and Comment view.

- **Thumbnail Size**

The image thumbnail size is specified.

- **Theme**

Whether to display the theme tab or not is specified. When the theme tab is not displayed, all the registered images are displayed together.

- **Display Option**

You can specify whether to display image mark and current position view or not.

## Image

- **Time Image Taken**

You can specify whether to use the image file creation time or update time for the time the image was taken. When "the time taken is included in the image" is specified, this time has higher priority than file creation time or access time. This is useful for images such as FlashPix where the image contains the time taken. Also if the image file creation time is unknown, the current time is used as the file creation time.

- **Double Click Action**

You can specify the action for double click of the left mouse button.

## Helper Applications

You can specify the applications individually.

- ◆ **Image Editor**

Specify an image processing application. The default is the PerfectPhoto Image Editor.

- ◆ **Galley Editor**

Specify a slide show builder application. The default is the PerfectPhoto Gallery Editor

- ◆ **Gallery Viewer**

Specify a slide show viewer application. The default is the PerfectPhoto Gallery Viewer.

- ◆ **HTML Editor**

Specify an HTML editor.

- ◆ **E-Mail**

Specify an E-Mail application.

- ◆ **Sound Player**

Specify a sound player application.

- ◆ **Other 1**

Specify any application.

- ◆ **Other 2**

Specify any application.

- ◆ **Other 3**

Specify any application.

## Input

You can select the file format to save an image that has been imported from a TWAIN device. Choose from bitmap, FlashPix, GIF, JPEG, or TIFF. If you select FlashPix, GIF or JPEG, click **Options** to set up details.

## Disk Space

### Using the Dialog

1. Select a drive.
2. Click **Start**.  
The disk space is displayed.

### What is this dialog used for?

In this dialog, you can check open disk space.

### Using the Buttons

For more information about this dialog, click on one of the following:

{button ,JI(^>second',`AXD023A')}[Details](#)

{button ,JI(^>second',`AXD023B')}[Clear cache](#)

## Details

After the analysis is completed, click on this button to display the Disk Space Details dialog, which shows the number, size, and type of files.

## Clear Cache

After the analysis is completed, click on this button to display a dialog which asks you to confirm deletion. To delete the thumbnails in the cache and increase disk space, click **Yes**.

## FlashPix Format Settings (When Opening)

### Using the Dialog

Specify the FlashPix image size, and click **OK** to import the image at the specified size.

### What is this dialog used for?

A FlashPix file contains an image with more than one resolution. In this dialog, you can specify the resolution before importing the image.

### Options

For more information, click on one of the following:

{button ,JI(^>second',`AXD024A')}Specify the size to open

{button ,JI(^>second',`AXD024B')}Specified file

## Specifying the Size When Opening a File

You can enable one of the following methods:

- **Specify the size**

This is an option to select the image size (for instance, 640x 480). The size that you can select will vary according to the image.

- **Specify the upper limit**

This is an option to specify the upper limit. For example, if you specify 640, PerfectPhoto opens the largest image up to 640 pixels.

- **Match the screen size**

This is an option to open the largest image that can be displayed on the screen.

- **No specification**

This is an option to open the largest image.

## **Specified File**

When you open an image, the file name is displayed. If you open more than one image, the display indicates Multiple. The default setting is General.

## FlashPix Settings (When Saving)

### Using the Dialog

1. To save a FlashPix image, enable multiple resolutions. To convert the image to JPEG and save it, enable JPEG compression.
2. Click **OK**.  
The image is saved in the FlashPix or JPEG format.

### What is this dialog used for?

In the FlashPix format, you can save an image with more than one resolution.

### Options

For more information, click on the following:

{button ,JI(`>second',`AXD025A')}[Compression Settings](#)

## Compression Settings

Move the slider to adjust the compression settings.

Click **Compression settings** to display the Adjusting Fail Compression Rate dialog. Adjust the compression settings while viewing the image.

## JPEG Settings

### Using the Dialog

Move the slider to adjust the compression settings, and then click **OK**.

### What is this dialog used for?

You can compress an image in the JPEG format in this dialog.

Click **Compression settings** to display the Adjusting File Compression Settings dialog. Adjust the compression settings while viewing the image.

## Compression Settings

### Using the Dialog

In this dialog the JPEG image is displayed at four different compression settings. Select one, and then click **OK** to save the image at that compression rate.

**Tip:** You can click on <<, <, -, +, >, and >> buttons to finetune the image.

### What is this dialog used for?

In this dialog, you can specify the compression rate for a JPEG image.

### Options

For more information, click on the following:

{button ,Jl(^>second',`AXD027A')}[Display Coordinates](#)

## Display Coordinates

Specify the display coordinates to preview the state of compression at a specified position on the image. Specify the position by entering a value, or by clicking on a position on the image.

## Printer Settings

### Using the Dialog

1. Select the Print mode located at the bottom of the Printer Settings dialog.  
The Print settings dialog for the selected print mode is displayed.
2. Specify the printer, paper, image position and size.
3. Click **OK**.  
Printing starts.

### What is this dialog used for?

In this dialog, you can specify all the options for printing images. As you change the settings in this dialog, the preview window automatically changes.

The default Print mode is Page when an image is selected, and List of images when an album is selected.

### Setting Up the Printer

Whether the Print Mode is Page, Tile, or List of images, the dialog shows the printer settings selections at the bottom, so that you can select the printer, paper type, and portrait or landscape orientation.

**Tip:** Click **Property** to display dialog where you can specify the settings for the specific driver.

### Page/Poster Print Mode

In the Page/Poster print mode, the following tabs are available. For details, click on one of the following:

{button ,JI(>second',`PRD001A')}[Image](#)  
{button ,JI(>second',`PRD001B')}[Title](#)  
{button ,JI(>second',`PRD001C')}[Print options](#)  
{button ,JI(>second',`PRD001D')}[Poster](#)

### Tile Print Mode

In the Tile print mode, the following tabs are available. For details, click on one of the following:

{button ,JI(>second',`PRD001E')}[Tile](#)  
{button ,JI(>second',`PRD001F')}[Image](#)

### Comment Print Mode

In the Comment print mode, the following tabs are available. For details, click on one of the following:

{button ,JI(>second',`PRD001G')}[Layout](#)  
{button ,JI(>second',`PRD001H')}[Output information](#)

## **Page/Poster Print Mode: Image**

### **Using the Image Tab**

Use Position to specify the image position on the paper, and Size to select the image size.

### **What is the Image tab used for?**

With this tab, you can specify the position and size of the image.

The default unit for numerically specifying the position or size is millimeters.

## **Page/Poster Print Mode: Title**

### **Using the Title Tab**

Put a check in the **Enable title** check box and enter the title. The title is printed at the top or bottom of the image.

### **What is the Title tab used for?**

Use this tab to print image titles.

## Page/Poster Print Mode: Print Options

### Using the Print Options tab

You can specify the interpolation of the image and its orientation. To reverse the image, put a check in the **Reverse image** box.

**Note:**

The default setting for the interpolation is None. This indicates that the image is interpolated as stipulated by the printer driver.

## Page/Poster Print Mode: Poster

### Using the Poster Tab

Specify the number of sheets and the overlap, if necessary.

### What is the Poster tab used for?

Use this tab to print one image over several sheets of paper.

Put a check mark in the **Print guidelines** check box to print guidelines indicating the area of overlap.

Put a check mark in the **Specify the number of sheets** check box to print the number of sheets you specify. Remove the check mark if you want the number of sheets to be automatically specified according to position and size of the image.

## Tile Print Mode: Tile

### Using the Tile Tab

Specify the spacing and arrangement of tiles.

### What is the Tile tab used for?

With this tab, you can specify the spacing and arrangement of the tiles when you are printing stickers.

Put a check mark in the **Auto adjust** check box to automatically adjust the margin, size and spacing according to the paper selected.

Specify the number of tiles in the Arrangement fields.

To save the settings, click **Register settings**. To use the settings you have saved, specify a name under **Registration name**.

## Tile Print Mode: Image

### Using the Image Tab

Put a check mark in the options, or remove the check mark from the options.

### What is the Image tab used for?

If you put a check in the **Expand to the full tile size** check box, the image size is adjusted so that one side of the image might fill the tile, while the other side is cut off. If you remove the check mark, the image is resized so that both sides fit the tile.

If you put a check mark in the **Rotate to the tile orientation** check box, the image is rotated 90 degrees for printing if the vertical-to-horizontal ratio of the image does not match the tile.

## **Comment Print Mode: Layout**

### **Using the Layout Tab**

Select a layout.

### **What is the Layout tab used for?**

With this tab, you can arrange multiple images and their comments when printing a list of images.

Put a check mark in the **Print in two rows** check box to print in two columns.

## **Comment Print Mode: Output Information**

### **Using the Output Information Tab**

Select the items to be printed from the list of printable information and click on -> to add the items to the list. To delete an item, click on <-.

### **What is the Output Information tab used for?**

If you want to print image information, select and print the following:

- Comment
- Date taken
- Symbol
- Title

If you want to print file information, select and print the following information:

- Colors information
- File name
- File size
- Image size

## Tile Settings

### Using the Dialog

1. Enter the name and click **Save**.  
The name appears in the registration list at the top of the dialog.
2. Click **Exit**.  
The dialog closes.

### What is this dialog used for?

This dialog is displayed when you click on **Register settings** in the **Tile** tab in the Print Settings dialog.

The name you save here is linked with the settings currently entered on the Tile tab.

## HTML Output

### Using the Dialog

1. On the **Style** tab, select an HTML output style.  
The selected style is displayed on the left of the dialog.
2. Select the output folder.
3. Click **OK**.  
The image file is copied as an HTML file to the selected folder.

### What is this dialog used for?

This dialog is provided with several patterns to facilitate the output of HTML.

### Using the Tabs

Two tabs are available in this dialog. For more information about a tab, click on one of the following:

{button ,JI(>second',`IDH\_PRD003A')}Style

{button ,JI(>second',`IDH\_PRD003B')}Items to Show

## Style

This tab displays the HTML patterns. To select a style, click on it. Details are displayed on the left of the HTML Output dialog.

## Items to Show

This tab lists the names of items you can convert to HTML. Click on a file to convert it to HTML. You can specify the file format and size under the thumbnail settings.

Specify the HTML file title in the **Page title** field.

## Specify HTML Output Folder

### Using the Dialog

1. Specify the output folder.
2. Click **OK**.

The HTML file is output to the specified folder and the HTML editor is started.

### What is this dialog used for?

This dialog is used to specify the HTML output folder..

## List of Dialogs

{button ,JI(,`IDH\_AXD001')}Open a Folder  
{button ,JI(,`IDH\_AXD003')}Search from Volume  
{button ,JI(,`IDH\_AXD004')}Create an Album  
{button ,JI(,`IDH\_AXD005')}Open an Album  
{button ,JI(,`IDH\_AXD006')}Register the Album  
{button ,JI(,`IDH\_AXD007')}Search Album  
{button ,JI(,`IDH\_AXD008')}Sort Albums  
{button ,JI(,`IDH\_AXD009')}Rename the Album  
{button ,JI(,`IDH\_AXD010')}Change the Album Saved Location  
{button ,JI(,`IDH\_AXD012')}Rename the Theme  
{button ,JI(,`IDH\_AXD013')}Move a Theme  
{button ,JI(,`IDH\_AXD014')}Change Image Information  
{button ,JI(,`IDH\_AXD015')}Search for an Image  
{button ,JI(,`IDH\_AXD016')}Sort Images  
{button ,JI(,`IDH\_AXD017')}Rotate the Image  
{button ,JI(,`IDH\_AXD018')}Create a Bookshelf  
{button ,JI(,`IDH\_AXD019')}Open a Bookshelf  
{button ,JI(,`IDH\_AXD020')}Rename the Bookshelf  
{button ,JI(,`IDH\_AXD021')}Change Date  
{button ,JI(,`IDH\_AXD022')}Environment Settings  
{button ,JI(,`IDH\_AXD023')}Disk Space  
{button ,JI(,`IDH\_AXD024')}FlashPix Format Settings (When Opening)  
{button ,JI(,`IDH\_AXD025')}FlashPix Settings (When Saving)  
{button ,JI(,`IDH\_AXD026')}JPEG Settings  
{button ,JI(,`IDH\_AXD027')}Compression Settings  
{button ,JI(,`IDH\_PRD001')}Printer Settings  
{button ,JI(,`IDH\_PRD002')}Tile Settings  
{button ,JI(,`IDH\_PRD003')}HTML Output

## Convert File Format Settings

In this dialog, you can specify one of the following formats:

- FlashPix (Open)
- PCD (Open)
- FlashPix (Save)
- GIF (Save)
- JPEG (Save)

### FlashPix (Open)

You can specify the image size. The image size remains valid until you change it. To specify the size, click on the **Specify the size** radio button. You can select either **Maximum** or **Minimum**. To specify the upper limit in pixels, click on **Specify the upper limit**, and enter the upper limit size. If the file contains an image of that size, the program opens that image. If the file does not contain any image of that size, the program opens the image closest to the upper limit size. To adjust the image size to the size of the window, click on **Match the window size**. The window size is fixed when the program starts up.

The file name you have selected is shown in the **Specified file** field. If you do not select a file, General appears in the **Specified file** field.

### PCD (Open)

You can specify the resolution. If the specified resolution is not found, the PhotoPerfect opens the file with the closest resolution.

The file name you have selected is shown in the **Specified file** field. If you do not select a file, General appears in the **Specified file** field.

### FlashPix (Save)

You can specify the compression rate for JPEG files. Click on **Preview** to fine-tune the compression rate.

If you select **Vertical subsampling** you can achieve even more compression.

Put a check mark in the **Multiple resolutions** check box to save the file in multiple resolutions.

The file name you have selected appears in the **Specified file** field. If you do not select a file, General appears in the **Specified file** field.

### GIF (Save)

You can select Transparent GIF and Interlace display before saving a file. If you have selected Transparent GIF, click on **Transparent color settings** to specify the transparent color.

The file name you have selected appears in the **Specified file** field. If you do not select a file, General appears in the **Specified file** field.

### JPEG (Save)

You can specify the compression rate for the image. Click on **Preview** to fine-tune the compression rate. If you select **Vertical subsampling** you can achieve even more compression. To save a file as a progressive JPEG file, put a check in the **Progressive JPEG** check box.

The file name you have selected appears in the **Specified file** field. If you do not select a file, General appears in the **Specified file** field.

## Transparent Color Settings

### Using the Dialog

1. Specify the color you want to make transparent.
2. Click on **OK**.

**Tip:** To specify a transparent color, click on the index pallet on the left in the dialog. You can also click (or sample) on the preview window on the right.

### What is this dialog used for?

In this dialog, you can specify transparent colors for your transparent GIF file.

## Compression Settings

You can specify the compression rate for your image file in this dialog. Specify the compression rate while viewing the compressed images.

Adjust the compression rate with the slider while looking at the top left image, and click on **OK** to apply your settings.

If you select **Vertical subsampling** you can achieve even more compression.

If no image has been selected, this dialog shows the default image. If you have already selected an image, that image is shown.

## Print

### Using the Dialog

1. Click on **Print**.  
The Select the Print Mode dialog is displayed.
2. Select a print mode and click on **Print**.  
Printing starts.

### Options

There are three print modes. For details, click on one of the following:

{button ,JI(>second',`IDH\_PLD001A')}[Page/Poster print](#)  
{button ,JI(>second',`IDH\_PLD001B')}[Tile print](#)  
{button ,JI(>second',`IDH\_PLD001C')}[Comment print](#)

## Page/Poster print

### Using the Mode

1. Click on one of the following:
    - **Image**
    - **Title**
    - **Printer options**
    - **Poster**
- The tab is displayed.
2. Enter your settings.
  3. Click on **Print**.  
Printing starts.

### Note

This mode is used to print an image on one single page.

### Options

Four tabs are available in this mode. For details, click on one of the following:

{button ,JI(^>second',`IDH\_PLD001AA')}}[Image](#)

{button ,JI(^>second',`IDH\_PLD001AB')}}[Title](#)

{button ,JI(^>second',`IDH\_PLD001AC')}}[Printer options](#)

{button ,JI(^>second',`IDH\_PLD001AD')}}[Poster](#)

## Image

You can position your image with this tab. Click on one of the following to position the image:

-  Top left
-  Top center
-  Top right
-  Left
-  Center
-  Right
-  Bottom left
-  Bottom center
-  Bottom right

You can also enter values to specify the exact position of the image.

To specify the image size, click on one of the following:

-  Original image size
-  Maximize size
-  Maximize size with landscape orientation

You can also enter values to specify the exact size of the image.

## Title

To put a title on the image printout, put a check in the **Enable title** check box. You can also specify the font size and position of the title.

## Printer Options

Enlarged images might appear ragged when they are printed. If this happens, click on the **Best quality** radio button. The image appears less ragged.

To invert the image horizontally, select **Invert image**.

## Poster

You can print a poster using more than one sheet of paper. Set the paper overlap. You can also print guidelines, which is convenient when cutting the paper. If the horizontal and vertical overlap are both set at 0.0, the guidelines are not printed.

You can specify the number of sheets to be printed. To set the number automatically, remove the check mark from the **Fix the number of sheets** check box, change the size of the preview image on the left, and the number of sheets increases and reduces. To change the image size, click on the black square and drag it.

## Tile print

### Using the Mode

1. Click on one of the following:
  - **Tile**
  - **Image**
2. Enter your settings and click on **Print**.  
Printing starts.

### Note:

This mode is used to print several images on the same page. If there are more tiles than images, some image are printed more than once.

### Options

Two buttons are available in this mode. For details, click on one of the following:

{button ,JI(`>second',`IDH\_PLD001BA')}[Tile](#)

{button ,JI(`>second',`IDH\_PLD001BB')}[Image](#)

## Tile

You can specify the position of your image. To specify the position manually, disable **Auto adjust**. To specify the margin between the image and the edge of the paper, enter values in the margin box. To specify the image size, enter values in the **Size** field. To specify the space between one image and another, enter values in the Space box.

You can specify the arrangement of the images.

You can save the settings and use them again. Click on **Register settings**. The Save/Delete Settings dialog appears.

## Image

To maximize the size of the image while retaining the arrangement specified with the **Tile** button, click on **Expand to the full tile size**. To turn the image from portrait orientation to landscape orientation, and to set an equal distance between images, click on **Rotate to the tile orientation**.

## Comment print

### Using the Mode

1. Click on one of the following:
  - **Layout**
  - **Output information**
    - The button is displayed.
2. Enter your settings.
3. Click on **Print**.
  - Printing starts.

### Options

Two buttons are available in this mode. For details, click on one of the following:

{button ,JI(^>second',`IDH\_PLD001CA')}[Layout](#)

{button ,JI(^>second',`IDH\_PLD001CB')}[Output information](#)

## Layout

You can arrange your list of images.



Compact



Image above and text below



Image below and text above



Image left and text right



Image right and text left



Image and text alternately right and left

To arrange your images in two rows, put a check mark in the **Print in two rows** check box. The arrangement does not change if **Compact** is selected.

You can specify the number of images displayed on one page.

## Output information

You can specify the information to be printed on the list of images. Select the necessary information from **Information to print**, and click on left arrow [←] to add it to the **Printable information** field.

## Print mode

You can select the print mode in this dialog. The following print modes are available:

- Page/Poster
- Tile
- Comment

To print, click on **Print**. To see a preview, click on **Preview**.

## Trial Print

In this dialog, you can adjust the contrast and color tone before printing a color image.

In the Trial Print dialog, click on **Print**.

Check the printout.

Select the image you want and click on **Print**. The corrected image is printed. To save this adjustment, click on **Settings**.

To clear the settings, click on **Clear**. To restore the initial settings, click on **Reset**.

## Save/Delete Settings

You can save and delete the paper settings in this dialog. The software contains settings for various types of paper. To save a name, enter it in the **Paper settings** field and click on **Save**. To delete a setting, select it from the list and click on **Delete**.

## Select TWAIN Device and Import Image

In this dialog, you can select a TWAIN device, and import an image file.

The list box shows you a list of available TWAIN devices. Select a device from the list, and click on **Open image**.

