










photo CD browser

Contents

Welcome to the **Photo CD Browser** Help.

From this page you can get Help on how to use the Photo CD Browser.

Click on a button to make your choice.

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-  [How To...](#)
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To choose a Help option...



Point to your choice and click.











Use **Tab** or **Shift Tab** to highlight your choice, then press **Return**.

For more information about using Help, click on **Using this Help** above.



How To...

Click on a button for Help with using the Photo CD Browser.

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Menus

Click on a button to see a list of menu commands.

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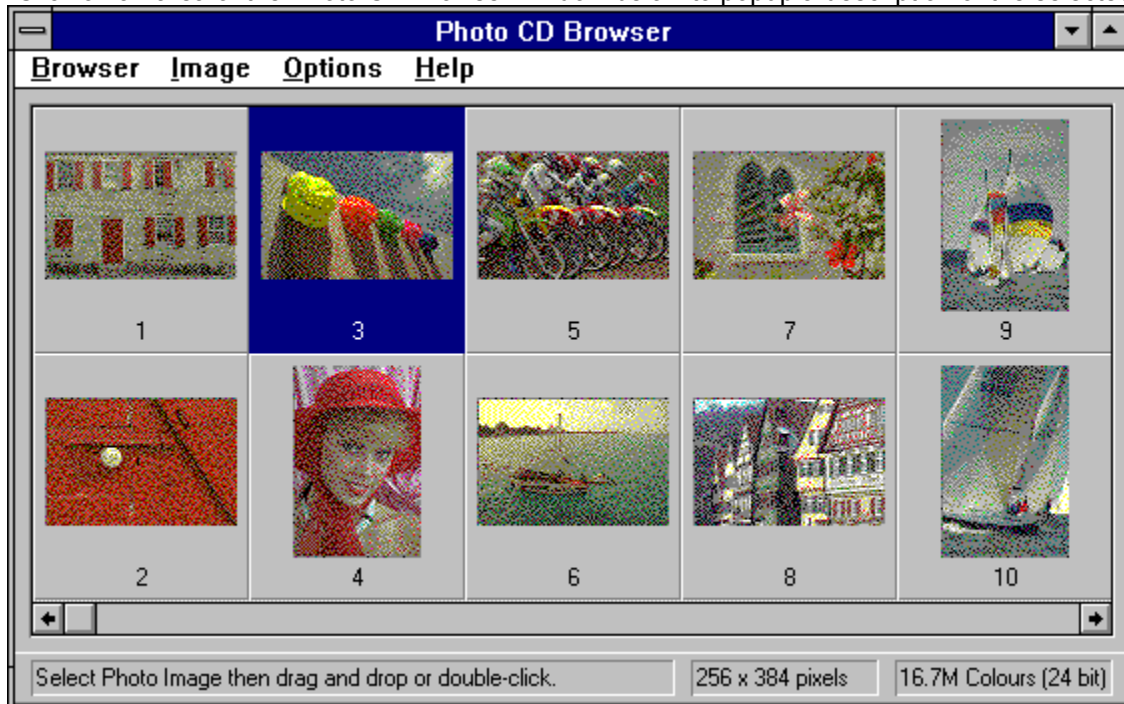


[About Browser](#)



The Photo CD Browser window

Click on an area of the Photo CD Browser window below to popup a description of the selected area.





Using this Help

Online Help is a convenient way to obtain information about using the Photo CD Browser.


You may like to print out the Help because the Photo CD Browser is not explained in any of GST's manuals. Printing Help is explained below.

You can keep the Help window permanently in view while you work by selecting **Always on Top** from the windows **Help** menu.

Moving around this Help

As in all Windows Help applications, you move around the Photo CD Browser's Help to areas of interest using a system of 'jumps'. You can also 'pop up' definitions of specific words and phrases.

Most other Help systems show jumps as green text underlined with solid or dotted lines. In this Help, jumps are shown as buttons, and popup definitions are indicated by underlined normal (black) text.

 This button appears throughout the Help. It denotes a 'main' topic heading; another subject which may be relevant to the one you are currently reading about; a dialog description; or more information of related interest. Click on the button, or on its title text, to 'jump' to its topic.

◆ A definition is available for any underlined word or phrase. Click on the word(s) to 'pop up' the information.

Ways to choose a Help option...

To choose a Help topic, point to the button of the topic you want to read. The mouse pointer changes shape to a pointing finger. Click the left mouse button to jump to that Help topic.

Alternatively, you can press **Tab** or **Shift Tab** to highlight the button of your choice, then press **Return** to display that Help topic.

Once the topic you want to read is displayed in the Help window, use the vertical scroll bar to move through the Help.

Searching for Help

You can quickly search the Help system for help on a specific subject. To do this

1. Click on the **Search** button in the Help window's button bar. The **Search** dialog will be displayed.
2. Scroll through the list of subjects and click on the one you would like to read about.
3. Click on the **Show Topics** button. A list of the topics associated with that subject will be displayed. Select a topic.
4. Click on the **Go To** button. The selected topic will be displayed in the Photo CD Browser Help window.

You can then scroll through the Help as described above.

Browsing and Backtracking

Use the Browse buttons (<< and >>) at the top of the Help window to browse backwards and forwards through the surrounding help topics.

Click on the **Back** button in the Help window's button bar to backtrack a step at a time up the hierarchy of topics you have viewed in this Help session.

Click on the **History** button to display a list of the last 40 topics you have viewed in this Help session. Double-click on a topic to display it in the main Help window.

Printing Help

You can print the Help so that you have a hard copy to refer to. To print the current Help topic, select

Print Topic from the **File** menu of the Help window. The current Help topic is printed to the currently selected printer.

To choose a different printer, or to change the default printer options, select **Print Setup** from the **File** menu of the Help window and choose the printer to which you want to print.

Note: You *cannot* print information that is in a 'pop up' window.

Cancelling Help

Select **Close** from the Help window's Control menu, or press **Alt F4**.



What is the Photo CD Browser ?

The Photo CD Browser is a utility that lets you search through and select photo images stored on a Photo CD. The images can then be exported (as Windows™ bitmaps) to any application that accepts this file type.

The Photo CD Browser displays previews of the photos which are divided into photo packs. The size and orientation of these photos can be manipulated, before you export them to your chosen application.

The Photo CD Browser will read disks of Photo CD Master format version 0.5 or later, and is designed to read from Photo CD compatible CD ROMs and software drivers. For more information refer to the documentation supplied with your CD ROM or contact your CD ROM dealer.



Memory requirements

Each time you export a photo a temporary bitmap file is created in your temporary directory. This file is overwritten each time you export another photo but it can be extremely large, depending on your export preferences. For example with an export resolution of 2048x3072 and a colour depth of 16.7M colours, the bitmap created is 18.9 Mbytes in size. To export and display photos your system must have enough free RAM and disk space to accommodate the temporary bitmap file. Therefore we recommend that your temporary directory is an area on your hard disk, not a RAMDrive.

If necessary you can change the location of your temporary directory using the MS-DOS SET command. This should be done each time you want to use the Photo CD Browser and before you run Windows. For example the following command line sets the temporary directory to the \TEMP directory on drive C:

```
SET TEMP=C:\TEMP
```

Now any application, including the Photo CD Browser, that uses your temporary file area will place its temporary files in C:\TEMP.

Alternatively you could modify the SET TEMP= line in your AUTOEXEC.BAT file to permanently change the location of the temporary directory.

Note:

For further information about the SET command or editing your AUTOEXEC.BAT file, refer to your DOS manual.

The table below shows the approximate memory required by photos exported with each of the export resolutions at the various colour depths.

Resolution	Colour Depth			
	16 Cols	Greyscale	256 Cols	16.7M Cols
128x192	12.3 Kb	24.6 Kb	24.6 Kb	73.7 Kb
256x384	49.2 Kb	98.3 Kb	98.3 Kb	294.9 Kb
512x768	196.6 Kb	393.2 Kb	393.2 Kb	1.2 Mb
1024x1536	786.4 Kb	1.6 Mb	1.6 Mb	4.7 Mb
2048x3072	3.1 Mb	6.3 Mb	6.3 Mb	18.9 Mb

See also:



[How to send a photo to an application](#)



Browser menu: **Select Photo Pack**

Click on **Select Photo Pack** to search for and preview a photo pack. The **Select Photo Pack** dialog is displayed.

See also:



How to select a photo pack



Select Photo Pack dialog



Browser menu: **View Copyright**

Select **View Copyright** to view the copyright information of the currently selected photo preview. The **View Copyright Information** dialog is displayed.

See also:



[How to view copyright information](#)



[View Copyright Information dialog](#)



Browser menu: Exit

Select **Exit** to close the Photo CD Browser.

Keyboard shortcut:

Alt F4



Options menu: Info Line

Select **Info Line** to turn the information line on or off. The information line is divided into two sections: the left side displays hints on how to use the Photo CD Browser, the right side displays the number of your selected photo and information about your export preferences.

The command is ticked when the information line is shown.



Options menu: **Always on Top**

Select **Always on Top** to permanently display the Photo CD Browser in front of any other window on your desktop. This command is ticked when selected.



Options menu: Preferences

Select **Preferences** to control aspects of how the Photo CD Browser works. The **Preferences dialog** is displayed. You can control the size of the previews in the photo preview area and the resolution and colour depth of the exported photos.

- ◆ Settings in the **Preferences** dialog are saved when you exit the Photo CD Browser.
-

See also:



[How to change the preview size](#)



[How to change the export colour depth](#)



[How to change the export resolution](#)



[Preferences dialog](#)



Image menu: Normal

Select **Normal** to return the selected photo preview to its original orientation after rotating and/or mirroring it using the **Rotate Left**, **Rotate Right** or **Mirror** commands.

Keyboard Shortcut:

Ctrl N

See also:



[Image menu: Rotate Left](#)



[Image menu: Rotate Right](#)



[Image menu: Mirror](#)



[Rotating/Mirroring a photo](#)



Image menu: Rotate Left

Select **Rotate Left** to rotate the selected photo preview through 90 degrees anticlockwise. When you export the photo to an application, it will be rotated as the preview illustrates. The original image on your Photo CD will not change.

Note:

By using a combination of **Rotate Left**, **Rotate Right** and **Mirror**, any orthogonal orientation of the photograph is possible.

Keyboard Shortcut:

Ctrl L

See also:



[Image menu: Normal](#)



[Image menu: Rotate Right](#)



[Image menu: Mirror](#)



[Rotating/Mirroring a photo](#)



Image menu: Rotate Right

Select **Rotate Right** to rotate the selected photo preview through 90 degrees clockwise. When you export the photo to an application, it will be rotated as the preview illustrates. The original image on your Photo CD will not change.

Note:

By using a combination of **Rotate Left**, **Rotate Right** and **Mirror**, any orthogonal orientation of the photograph is possible.

Keyboard Shortcut:

Ctrl R

See also:



[Image menu: Normal](#)



[Image menu: Rotate Left](#)



[Image menu: Mirror](#)



[Rotating/Mirroring a photo](#)



Image menu: Mirror

Select **Mirror** to mirror the selected photo preview over a vertical axis fixed down the centre of the photo. When you export the photo to an application, it will be mirrored as the preview illustrates. The original image on your Photo CD will not change.

Note:

By using a combination of **Rotate Left**, **Rotate Right** and **Mirror**, any orthogonal orientation of the photograph is possible.

Keyboard Shortcut:

Ctrl R

See also:



Image menu: Normal



Image menu: Rotate Left



Image menu: Rotate Right



Rotating/Mirroring a photo



Help menu: Contents

Select **Contents** to display the Contents page of the Photo CD Browser Help. From the Contents page you can choose which part of the Photo CD Browser you want Help on.

Keyboard Shortcut:

F1



Help menu: **About Browser**

Select **About Browser** to display the Photo CD Browser billboard. This shows the version number of your copy of the Photo CD Browser and a copyright notice.



Selecting a photo pack

The previews of the images on a Photo CD are divided into photo packs. You can select different photo packs from a particular Photo CD using the **Select Photo Pack dialog**. You can preview only one photo pack at a time.

How to select a photo pack

1. Click on **Select Photo Pack** in the **Browser** menu. The **Select Photo Pack** dialog is displayed.
2. From the **Drives** drop down list box select the drive you want to search for a photo pack. The directories on this drive are displayed in the **Directories** box.
3. From the **Directories** box select the directory you want to search, then click on **OK**.

The Photo CD Browser will search your chosen drive and directory for a photo pack. When a photo pack is found a dialog will be displayed asking if you want to load the previews it contains. If no photo pack is found a message is displayed to inform you. Click **OK** to close the message box and select a new drive and/or directory.

Note:

You can cancel loading the previews by pressing **Esc** at any time during the loading process.

See also:

- [How to send a photo to an application](#)
- [How to change the preview size](#)
- [How to change the export colour depth](#)
- [How to change the export resolution](#)
- [How to view the copyright information](#)
- [Select Photo Pack dialog](#)



Sending a photo to an application

How to select a photo

Click on a photo in the preview area to select it; the photo is highlighted when selected.

How to send a photo to an application

There are two ways to send a photo to an application.

- ◆ By dragging and dropping.
 1. Make sure the application to which you want to send the photo is running either as a window or as an icon.
 2. Arrange the windows on your screen so that both the Photo CD Browser and the application window or icon are visible.
 3. From the Photo CD Browser select the photo you want to export.
 4. Hold down the left mouse button and "drag" the photo to the application window or icon. The mouse pointer will change shape to a hand when it is over an application that will accept "drag and drop" items.
 5. Release the mouse button to "drop" the photo into your chosen application.
- ◆ By double-clicking and selecting the application to receive the photo.
 1. Double-click on the photo you want to send or select the photo then press **RETURN**. The **Send to Application** popup menu is displayed listing the applications currently running that can receive your photo.
 2. Select the application you want to send the photo to. The popup menu disappears and the photo is sent to your chosen application.

Note:

You can cancel sending a photo to an application by pressing **Esc**.

The photo images can be sent to applications that will accept Windows bitmaps (.BMP) format.

When you send the photo to an application that places the photo in its own document window, for instance, an image enhancement application, the window is named as ~PHOTO_{nn}.BMP, where _{nn} is 01 for the first photo sent in each session and increased by one for each of the following photos. If you want to keep a copy of the photo on your hard drive, you *must* use the destination application's **Save As** command to save the it in a directory other than the temporary directory.

This is because the Photo CD Browser erases the previous ~PHOTO_{nn}.BMP file from the temporary directory when you send the next photo or exit the Photo CD Browser. If you do not save the photo before exiting the destination application it will no longer exist as a .BMP file in your temporary directory.

See also:



[How to select a photo pack](#)



[How to change the preview size](#)



[How to change the export colour depth](#)



[How to change the export resolution](#)



[How to view the copyright information](#)



[Memory requirements](#)



Changing the preview size

The Photo CD Browser can display previews in two sizes, large (128x192 pixels) and small (64x96 pixels). You can choose the size you want using the **Preferences** dialog.

How to change the preview size

1. Select **Preferences** from the **Options** menu. The **Preferences** dialog is displayed.
2. In the **Preview Size** box click on the size you want.
3. Click on **OK**.

◆ Settings in the **Preferences** dialog are saved when you exit the Photo CD Browser.

Note:

The dimensions in the **Preview Size** box represent a portrait picture (greater in height than width). However if the photo you are previewing is a landscape photo (greater in width than height) the dimensions are swapped over accordingly.

See also:



[Preferences dialog](#)



Changing the export colour depth

The Photo CD Browser can export photo images in a range of colour depths.

To change the export colour depth

1. Select **Preferences** from the **Options** menu. The **Preferences dialog** is displayed.
 2. From the **Export Colour** drop down list box, select the depth of colour you want for your exported photos.
 3. Click on **OK**.
- ◆ Settings in the **Preferences** dialog are saved when you exit the Photo CD Browser.
-

See also:



[How to send photos to an application](#)



[Preferences dialog](#)



Changing the export resolution

The Photo CD Browser can export photo images in a range of resolutions.

To change the export resolution

1. Select **Preferences** from the **Options** menu. The **Preferences dialog** is displayed.
2. From the **Export Resolution** drop down list box, select the resolution you want for your exported photos.
3. Click on **OK**.

◆ Settings in the **Preferences** dialog are saved when you exit the Photo CD Browser.

Note:

The dimensions of the export resolutions in the **Export Resolution** drop down list box all represent a portrait picture (greater in height than width). However if the photo you are exporting is a landscape photo (greater in width than height) the dimensions are swapped over accordingly.

For example, if you export a landscape photo and choose an export resolution of 512 x 768 the photo image that appears in your application will have a resolution of 768 x 512.

See also:



[How to send photos to an application](#)



[Preferences dialog](#)



Viewing copyright information

The photos on a Photo CD often have some copyright information associated with them. The Photo CD Browser enables you to view this information.

To view copyright information

- 1 Select the photo whose copyright information you want to view.
- 2 Select **View Copyright** from the **Browser** menu. The **Copyright Information** dialog will be displayed containing the copyright information for the photo preview you have selected.
Use the vertical scroll bar at the side of the information window to scroll through the information.
If there is no copyright information associated with the photo, a message will appear at the top of the dialog to inform you of this.
3. When you have read the information, click on **OK** to close the dialog.

Note:

The copyright information displayed in the **Copyright Information** dialog may not be complete or correct and should be treated as a guide for interest only.



Rotating/Mirroring a photo

How to rotate/mirror a photo

Select the photo you want to rotate/mirror. Select **Normal**, **Rotate Left**, **Rotate Right**, or **Mirror** as appropriate from the **Image** menu.

Using a combination of the commands in the **Image** menu various orientations are possible. For example the **Mirror** command alone reflects the picture over a vertical axis. However, the following sequence will reflect the picture over a horizontal axis:

Mirror, Rotate Left, Rotate Left.

Shortcuts

Ctrl N, Ctrl L, Ctrl R, Ctrl M.

See also:



Image menu: Normal



Image menu: Rotate Left



Image menu: Rotate Right



Image menu: Mirror



Exiting the Photo CD Browser

How to exit the Photo CD Browser

Select **Exit** from the **Browser** menu or select **Close** from the Control menu.



You can also exit the Photo CD Browser by double-clicking on the Control-menu box.

Shortcut

Alt F4



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Preferences dialog


This dialog is displayed when you select **Preferences** from the **Options** menu.

From this dialog you can choose the size of the previews in the photo preview area and the resolution and colour depth of photos that you export.

Preview Size box

Provides options to change the size of previews displayed in the photo preview area.

 **Small (64 x 96 pixels)**: click on this box to display small photo previews. If you choose small previews, more previews can be displayed, but their quality will be reduced

 **Large (128 x 192 pixels)**: click on this box to display large photo previews.


Export Colour drop down list box


Controls the colour depth of your exported photos. Click on the arrow to the right of the box to drop down a list of the available colour depths. Click on a colour depth to select it.


Export Resolution group box

Controls the resolution of your exported photos. Click on the arrow to the right of the box to drop down a list of the available resolutions. Click on a resolution to select it.

See also:

 [How to change the preview size](#)

 [How to change the export colour depth](#)

 [How to change the export resolution](#)



Select Photo Pack dialog

This dialog is displayed when you click on **Select Photo Pack** from the **Browser** menu.

From this dialog you can choose the photo pack that you want to preview.

Directories group box

Lists the directories available on the selected drive. Select the directory where the photo pack you want is located.

Drives drop down list box

Click on the arrow on the right of the box to drop down a list of the available drives. Select the drive from which you want to load a photo pack.

See also:



[How to select a photo pack](#)



Copyright Information dialog

This dialog is displayed when you select a photo then select **View Copyright** from the **Browser** menu.

Use the vertical scroll bar at the side of the information window to scroll through the information. If there is no copyright information associated with the photo, a message will appear at the top of the dialog to inform you of this.

See also:



[How to view copyright information](#)

Resolution

The dimensions of a picture or screen in units of pixels. For example an export resolution of 256 x 384 produces a picture 256 pixels wide and 384 pixels deep.

Colour depth

The maximum number of colours used in the reproduction, on screen or otherwise, of a photo.

Photo pack

Photos on a Photo CD are divided into groups each containing a number of photo previews; these groups are called photo packs. Only one photo pack can be viewed at a time.

Drive

The device from which information is loaded into your computer, eg. floppy disk drive, hard disk drive, CD ROM drive, etc.

Orthogonal

Related to some reference position by a rotation of 90, 180 or 270 degrees, or by a reflection over a horizontal or vertical axis.

Export

The technical term for sending a photo from the browser to another application.

Scroll bar

A bar that appears at the bottom and/or right side of a window whose contents are not entirely visible.

Control menu



A standard Windows menu displayed by clicking on the Control-menu box at the top-left corner of a window, or clicking on an application running as an icon. By using **Control** menu commands you can, resize, move, maximize, minimize and close windows and switch to other applications.

Dialog

A window that is temporarily displayed to request information. When a dialog is displayed, all interaction with the Photo CD Browser must be through the dialog.

Preview

A reduced bitmap representation of a photo.

Menu bar

The horizontal bar containing the names of the Photo CD Browser's menus. Click on a menu name to drop down a list of the corresponding commands.

Scroll bar

The horizontal bar that appears at the bottom of the Photo Preview Area when not all of the previews are visible. Click on the arrows at either end of the scroll bar to see more previews.



Control-menu box

Click on the Control-menu box to display the Photo CD Browser **Control** menu. By using **Control** menu commands you can resize, move, maximize, minimize, and close windows, and switch to other applications.

Keyboard shortcut:

Alt Spacebar



Minimize button

Click on the Minimize button to reduce the Photo CD Browser window to an icon.



When you reduce the Photo CD Browser to an icon, it continues to run but its window does not take up space on your desktop.



Maximize button


Click on the Maximize button to enlarge the Photo CD Browser window to its maximum size.



After you enlarge the Photo CD Browser, the Maximize button is replaced by the Restore button, which contains both an up and a down arrow. Click on the Restore button to return the Photo CD Browser window to its previous size.

Title bar

The title bar shows the name of the application, in this case, Photo CD Browser.

 You can maximize the Photo CD Browser by double-clicking on its title bar. To restore it to its previous size, double-click on the title bar again.


 To move the Photo CD Browser to a different location on your desktop, drag its title bar to the new location.

Photo Preview Area

Displays previews of the photos in the selected photo pack.

Use the horizontal scroll bar below the photo preview area to view all the photos in the photo pack.

Information line: Hint line

Displays hints on what to do next in the Photo CD Browser window.

Information line: Export Resolution

Displays your selected export resolution. The **Export Resolution** is selected in the **Preferences** dialog.

Information line: Export Colour Depth

Displays your selected export colour depth. The **Export Colour Depth** is selected in the **Preferences** dialog.

