

Stratford Labs
GFP-001

**USER
MANUAL**



Digital Image Copier

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Welcome

Thank you for purchasing a Digital Image Copier. Please take a moment to read through this manual. Its contents will send you on an educational journey into your recorder multiple capabilities.

1. Precaution

Before using Digital Image Copier, please ensure that you read and understand the safety precautions described below. Always ensure that the image copier is operated correctly.

- Never operate Digital Image Copier inside of an aircraft or anywhere else where operation of such devices is restricted. Improper use creates the risk of serious accident.
- Do not try to open the case of Digital Image Copier or attempt to modify Digital Image Copier in any way. High-voltage internal components create the risk of electric shock when exposed. Maintenance and repairs should be performed only by authorized service providers.
- Keep Digital Image Copier away from water and other liquids. Do not use Digital Image Copier with wet hands. Never use Digital Image Copier in the rain or snow. Moisture creates the danger of fire and electric shock.
- Keep Digital Image Copier and its accessories out of the reach of children and animals to prevent accidents or damage to the image copier.

- If you notice smoke or a strange odor coming from Digital Image Copier, turn the power off immediately. Take Digital Image Copier to the nearest authorized service center for repair. Never attempt to repair Digital Image Copier on your own.
- Use only the recommended power accessories. Use of power sources not expressly recommended for Digital Image Copier may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.
- Digital Image Copier may become slightly warm during use. This does not indicate malfunction.
- If the exterior of Digital Image Copier needs cleaning, wipe it with a soft, dry cloth.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instruction, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on the off, the user is encouraged to try to correct the interference by one or more the following suggestion.

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to a different power outlet other than the one where the receiver is connected.
- Consult an experienced television or radio technician for help.

CAUTION

To comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules, this device must only be installed on computer equipment certified to comply with the Class B limits.

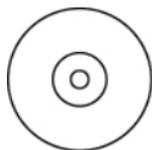
Standard Accessories



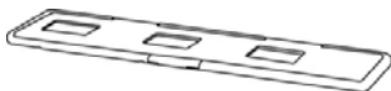
Image Copier



Manual



CD



Positive Slide Holder

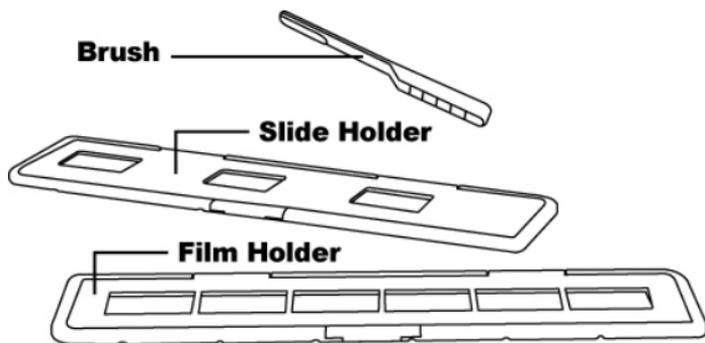
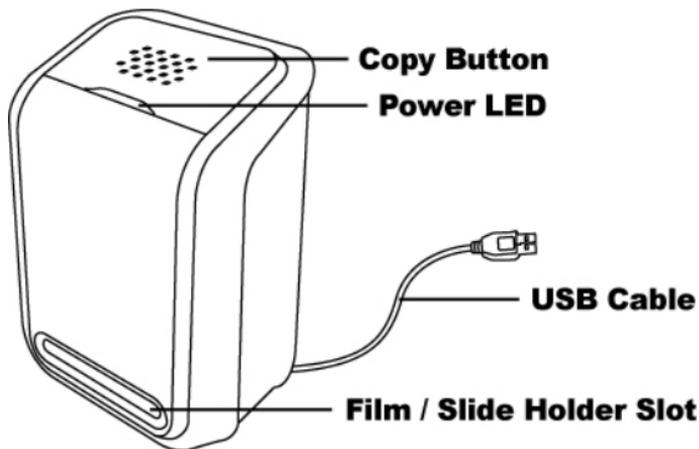


Negative Film Holder



Clean brush

Part Names



Note: We strongly suggest using a clean, dry, non-alcohol cotton swab to insert into the image copier slot and clean the glass surface periodically to produce a clear image. Please make sure your film negatives/ mounted slides and cover trays are clean before inserting into the copier as well. Dust or dirt from the negatives and cover trays will affect the quality of your scanned images.

3. Install the Driver and Software

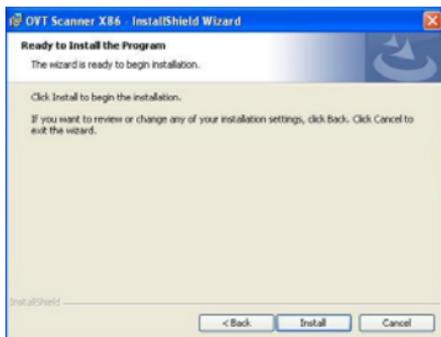
To use the digital image copier you must install the Digital Image Copier Driver and ArcSoft PhotImpression 6 in advance.

Installing the Driver

1. Turn on the computer.
2. Insert the installation CD into the CD-ROM drive and the installation CD menu will appear.
3. When you see the following screen, Choose **“Scanner Driver”**.



4. Follow the on-screen instructions to install driver.
Under XP OS
 - Click **“Next”**
 - Click **“Install”**
 - Click **“Finish”**



Under Vista OS

- Click “Next”
- Click “Install”
- Click “Finish”
- Select “Locate and install driver software (recommended)”



Installing the Software

1. Insert the installation CD into the CD-ROM drive and the installation CD menu should appear.
2. When you see the following screen, choose “**ArcSoft Software Suite**” to install the software.
3. Follow the on-screen instructions.
4. Setup MicroSoft DirectX 9.0
5. The installed software will automatically create a **PhotoImpression 6** logo on your desktop.
6. Restart the computer.



4. Place Film/ Slide Into The Holder

EN

1. Open the negative/ positive slide holder as illustrated.



2. Put a negative film/ positive slide into holder as shown.



3. Close the holder and please make sure the holder close properly.



5. Connecting the Image Copier

For first time users, do **NOT** plug the image copier into computer while the holder is inserted in the image copier. Please remove the film/slide holder before connecting to the computer, and click “calibrate” button to perform calibration the first time the image copier is used.

1. Plug the USB cable of image copier to computer properly. Once connected the power LED light will be blue.
2. Insert the loaded film/ slide holder properly into the slot as shown.

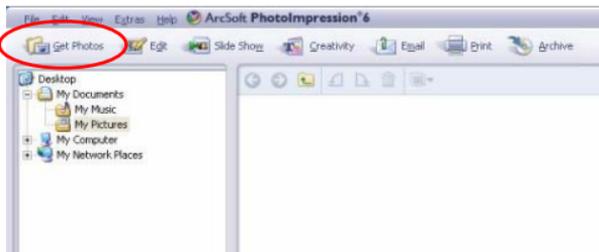


(Insert through front entrance)

3. Click on the PhotoImpression 6 icon on the desktop and you will see the following.



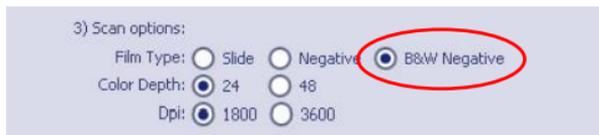
- Click “Get Photo” and choose “Acquire from Scanner”.



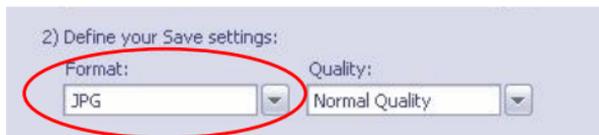
- Verify selected device is “OVT Scanner” and select the location to save your pictures. Click “Acquire”.



Please note that if you want to scan black-white film, please choose “B&W Negative” film type.



There are two formats JPG or TIF for setting



There are four quality levels (Highest/ High/ Normal/ Low) for selection in JPG format.



6. You can adjust the location of the film by moving the film holder; the film holder can be moved in both directions.

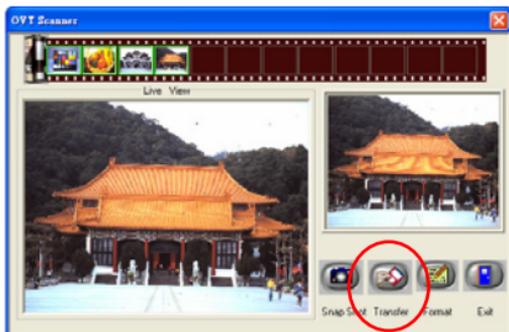


(Insert through rear entrance)

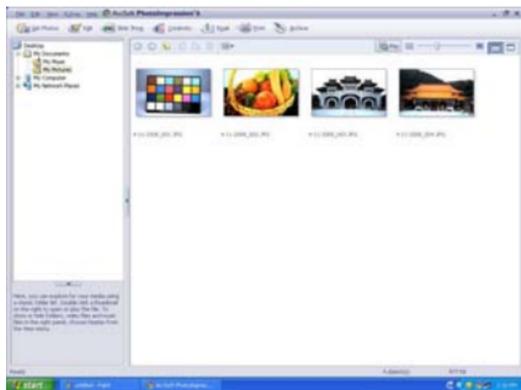
- Click “Snapshot” on the screen or press the COPY button on the image copier. A green frame will indicate the selected pictures in the preview area; the maximum is 12 pictures in the preview area. If there are more than 12 pictures scanned, the 13th pictures will overwrite the 1st picture. If you want to save one or more pictures, press the Shift key to continue selecting pictures or the CTRL key to select a single picture.



- Press the “Transfer” button to transfer or save selected pictures to your computer.



9. Press “Exit” to exit.



Note1: To ensure the best image quality, please allow about 5 seconds between snapshots and transfers for white balance enhancement.

Note2: Please do not minimize the window of scanning screen after transferring the pictures. If you want to see the scanned pictures, click EXIT and you will see the picture you scanned before.

Note3: Please “REMOVE” any version of your PhotoImpression 6 before install our this new one.

Note4: Have manual “Calibrate” while the first time you use your Digital Image Copier.

6. Edit The Pictures

First, click on the picture to select, and then use the ArcSoft tools to edit the pictures as you like.

Edit

Photo Editing Tools

The Photo Editing Tools module includes a complete set of photo enhancement, editing and retouching controls. The windows can be stretched to provide a large size view of the active photo. Double click the module's tool bar to maximize the window to fill the computer screen. In addition to the large photo workspace, the Photo Editing Tools module includes five distinct sets of controls:

1. Adjust

1.1 Enhance

The Enhance feature includes two types of controls:

- Auto Enhance



Click the "Auto Enhance" button to improve the overall quality of your pictures with a single click.

- Manual Fix

For precise image enhancement control, adjust the brightness, contrast and sharpen sliders.

How to enhance a photo manually:

1. Move the sliders to adjust the level of brightness, contrast, saturation, hue and sharpen for adjustment.
2. Use the zoom slider to get a closer look at how the adjustment affects the photo.
3. Click "Apply" if you like the result. Click "Cancel" if you do not.

1.2 Color

This feature is designed to fix digital photos that have unnatural color or appear too dark. It's also great for fixing scanned versions of old prints that have faded or whose colors have changed after many years.

How to fix the color of a photo:

1. Drag the color balance sliders to make the photo color appear more natural. Add red or yellow to make the photo warmer. Add blue or green to make the photo cooler.
2. Drag the Lighter/Darker slider to the left to reveal details hidden in a dark photo or to the right to make a faded photo look new again.
3. Click "Apply" if you like the result. Click "Cancel" if you do not.

1.3 Red-Eye

This feature makes it easy for you to fix a red-eye – a common problem in flash photography.

There are two ways to fix red-eye:

- Auto Fix



1. Simply click the "Fix Red-Eye" button to automatically find and fix all red-eye.
2. If not all of the red eye is fixed, use the "Click to Fix" method.

- Manual Fix

1. Use the zoom slider on the toolbar to zoom in on the photo.

2. Drag the small white box inside the zoom navigator to move over a red eye.
3. Place your cursor directly over the red eye and click.
4. Repeat the process until all the red eyes are fixed.
5. Click “Undo” if you make a mistake or don’t like the result.

1.4 Crop

This feature enables you to trim photos for a dramatic effect or cut off the distracting parts of a picture.

This feature enables you to trim photos for dramatic effect or cut off the distracting parts of a picture.

How to use the crop function:

1. Choose the crop orientation (portrait or landscape).
2. Select a fixed proportion for the crop rectangle (4:6, 5:7, 8:10) or choose “Custom” if you want to use a different proportion.
3. Resize the crop rectangle by clicking and dragging the red lines.
4. Move the crop rectangle into position by clicking and dragging inside the red box.
5. Click “Crop”. The area inside the rectangle will be kept, the area outside will be trimmed away.
6. Click “Undo” if you make a mistake or don’t like the result.

1.5 Straighten

This feature enables you to fix photos that appear to be tilted.

How to use Straighten:

1. Move the slider (or click the rotate buttons) until the photo appears straight.
2. Use the superimposed grid lines for vertical and horizontal reference.
3. Click “Apply” if you like the result. Click “Cancel” if you do not.

1.6 Blur Background

This feature can be used in subtle way – to tone down un-important background details, or for dramatic effect- by making the main subject of a photo “pop out” of the picture.

How to use the Blur Background function:

1. With your cursor, trace a line around the person or object you want to stand out. When you release the mouse button, the area outside the traced line will become slightly blurred.
2. Drag the first slider to make the transition between the blurred and non-blurred area sharp or smooth.
3. Drag the second slider to increase or decrease the amount of blur.
4. Click “Apply” if you like the result. Click “Cancel” if you do not.

Saving Your Results

When you’re done editing a photo, click “Save as” to save your results. You can choose to overwrite the original file or save a new one.

Click “Close” to exit the Photo Editing Module.

2. Retouch

2.1 Healing Brush



The Healing Brush is good for fixing dust, scratches and removing skin blemishes.

How to use the Healing Brush to fix a skin blemish:

1. Establish a source point for the Healing Brush by holding the Shift key and clicking on an area of the skin that is close in color and texture to the area you want to heal.
2. Use the zoom control to zoom in on the blemish.
3. Adjust the size of the healing brush so the cursor (circle) is only slightly larger than the blemish.
4. Paint over the blemish. The area will be concealed.
5. Click “Undo” if you make a mistake or don’t like the result.



2.2 Clone

The Clone tool is good for the removing unwanted elements from a photo. It can also be used for a fun effect, like moving a nose from one person t another.

How to use the Clone tool to remove a telephone pole from the background of a photo:

1. Establish a source point for the Clone tool by holding the Shift key and clicking on an area of the sky that you want to use to paint over the telephone pole.
2. Adjust the brush size so the cursor (circle) is only slightly larger than the widest part of the telephone pole.

3. Click and hold your mouse button and carefully paint over the telephone pole. Do not release the mouse button until the job is done. The sky will be cloned into place.
4. Click “Undo” if you make a mistake or don’t like the result.

2.3 Lighten/Darken



The Light/Darken tool is good for adjusting specific areas of a photo.

2.4 Smudge



Simulate the smearing of wet paint. Please click and drag the sliders below to change the brush size and sharpness.

2.5 Sharpen



Sharpen blurry areas. Click and drag the sliders below to change the brush size and transparency.

2.6 Blur



Smooth out rough areas. Click and drag the sliders below to change the brush size and intensity.

2.7 Paint Brush



Allows you to “paint” on your image when you click and drag the mouse. Click and drag the sliders below to change the brush size and transparency.

2.8 Line



Draw a straight line in the photo. Click and drag the sliders below to change the line width and transparency.

2.9 Eraser



Simulate an eraser, removing the image painting by paintbrush and line tools from your photo. Click and drag the sliders below to change the eraser size and effect.

3. Clipboard

Clip the pictures by selecting Rectangular, Elliptical, Freehand, Magic wand and Magnetic.

Note: For more detailed information, please refer to the [Help section] of program.

9. Appendix

Specifications	
Image Sensor	1/2.5" 5 mega CMOS sensor, 5.17 mega pixels
Lens Specification	F=6.0, 4 Glass elements, half field angle=14.1°
Color Balance	Automatic
Exposure Control	Automatic
Frame Rate	2592x1680 pixels @7.5 fps
Focus Range	Fixed focus
PC interface	USB 2.0
Scan High Resolution	5M equal to 1,800 dpi (enhances to 3,600 dpi via interpolation)
Light Source Back Light	3 white LED
System Requirements	Windows XP/ Vista
Power	From USB port
Dimension	165.7 (L)x 104(H) x 90(W) mm
Bundled Software	ArcSoft Photo Impression 6
Specifications are subject to change without prior notice.	

System Requirements

- Pentium® PIII 800 processor
- Free USB2.0 port
- 256MB RAM internal memory minimum
- 100MB free hard disk space
- Color monitor
- CD-ROM drive
- Windows® XP / Windows Vista™

10. Trouble Shooting

Issue	Possible cause	Resolution
<p>My computer does not recognize the image copier.</p> <p>I get a Windows message that reads "device not recognized"</p>	<p>Image Copier not plugged into a high-speed USB port.</p>	<p>Your computer must have a USB 2.0 to communicate with your image copier. Check to see if USB 2.0 is installed on your computer. If you do not have a USB 2.0 installed on your computer you can upgrade your USB ports. This hardware is available at most electronic stores.</p>
<p>I have a Windows message that "Windows cannot load Omni SuperCam"</p>	<p>Installation possibly not done in the correct order.</p>	<p>Image Copier installation must be done in exact order as shown in the instruction manual. To fix this, unplug the image copier, uninstall the driver, uninstall PhotoImpression6, and restart your computer. Then restart install per the manual ... install the driver, restart computer, and then reinstall the PhotoImpression6 software.</p>
<p>I have a USB 2.0 port on my computer, but my computer still won't recognize my image copier</p>	<p>All ports on your computer may not be high speed.</p>	<p>Even though you may have USB 2.0 installed, all of your USB ports may not be USB 2.0 compatible. Check all your USB ports to find the 2.0 compatible ports.</p>

<p>My installation disc will not auto start</p>	<p>May be a problem with install CD.</p> <p>May be a problem with your CD drive.</p>	<p>Check to see if your CD drive is operating properly. If possible check another computer to see if the disc is recognized.</p>
<p>Warning from Windows that device "has not passed Microsoft logo testing"</p>	<p>This is normal. OK to continue.</p>	<p>Choose continue anyway. The image copier will not harm your computer. (Windows certification is in process for this software)</p>
<p>My Arcsoft PI6 does not work properly</p>	<p>Possibly other versions of PI6 already installed on your computer.</p>	<p>Check to see if there are any earlier versions of Arcsoft PI6. You must uninstall any previous versions, and reinstall Arcsoft PI6.</p>
<p>Software driver or PI6 will not install</p>	<p>Possible problem with CD.</p>	<p>Contact Affiliated Enterprises (distributor) 1111 Rose Road, Lake Zurich, IL 60047 847-550-9998 or email to info@aEICorporate.com to request a new copy of the installation CD.</p>
<p>I'm having trouble loading the software and/or driver.</p>	<p>Possible incompatible operating system.</p>	<p>Check to make sure that your computer is operating on either Windows XP or Vista</p>

<p>My image copier works ok, but some of my slides or negatives look overexposed</p>	<p>Time for auto exposure varies according to your computer configuration.</p>	<p>The image copier self adjusts to your slide/negative exposure. Wait for the live view window to stop adjusting for exposure and then click "snap shot" or press copy button on top of image copier. Check your slides or negatives to see if they may have been overexposed when originally developed. Several photo adjusting software is available to "clean-up" your newly digitized picture.</p>
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This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

