Supplement

ScanMaker s460 features, scenarios, and information

Getting to Know Your ScanMaker s460

Microtek's new scanner, the ScanMaker s460, brings a brand new taste to the world of scanners. With a newly designed landscape appearance, the ScanMaker s460 breaks the stereotype of scanner designs and brings a new milestone to the scanner world. The gleaming coating makes the ScanMaker s460 distinguishable and stand from the others immediately.

The ScanMaker s460 has not only a fantastic appearance but also some outstanding features, such as 4800 x 9600 dpi, 48-bit color, and 8.5" x 11.7" scan bed. Also, it is equipped with six Smart-Touch buttons (including a convenient Power button) on the button panel for one-touch automation and easy access to scanner functions. In addition, through an optional LightLid 35 Plus II transparency adapter, the versatile scanner can even scan 35mm slides and filmstrips.
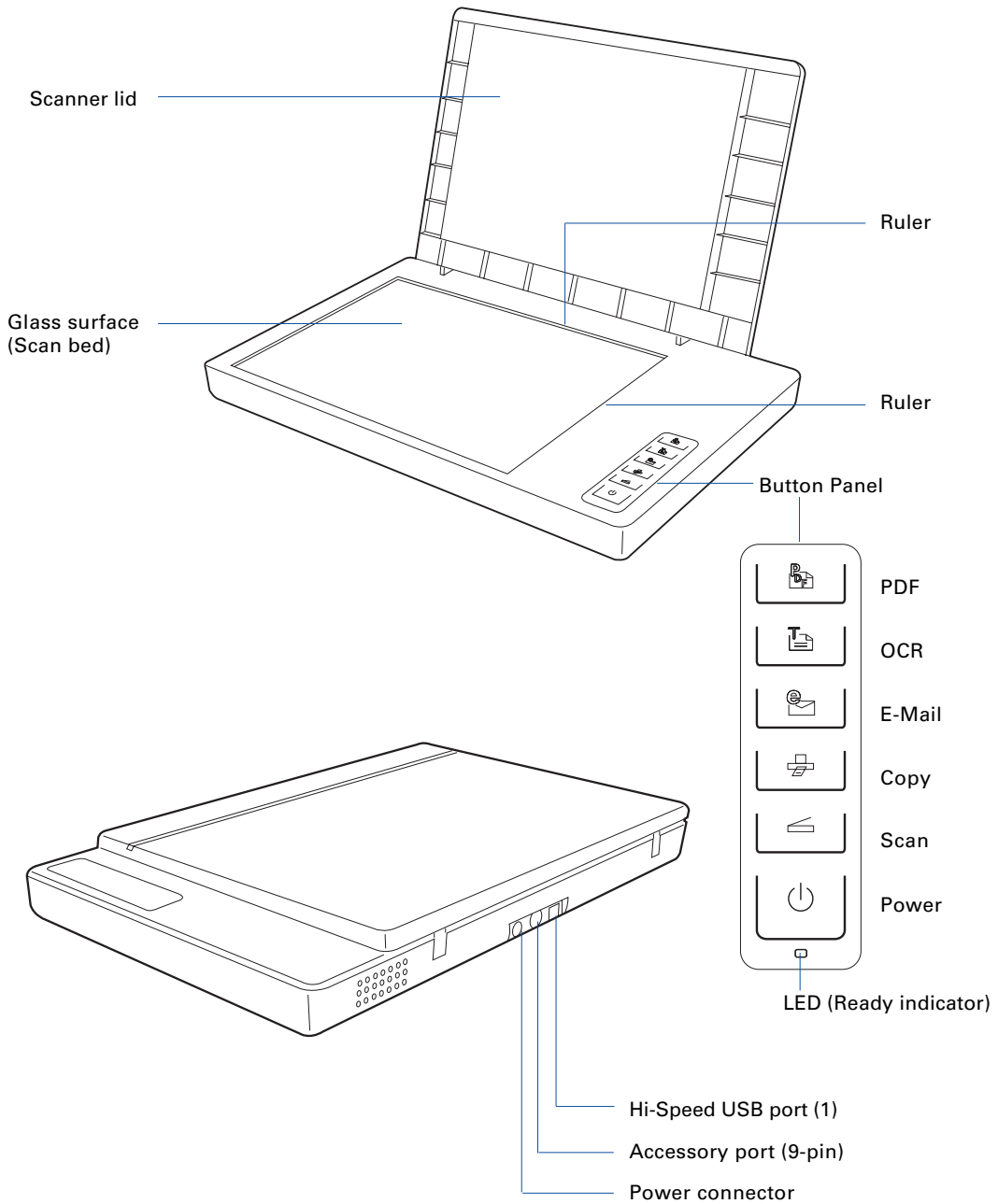
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Features of the ScanMaker s460

The ScanMaker s460 comes with several important features, including the following:

- Concise and modern look: With a lustrous coating and new designed format , the ScanMaker s460 is not only a scanner but also a truly classical deco for your taste. The extra light weight and slim machine-body makes the ScanMaker s460 fit to any corners of a room. In addition, it delivers the superior scanned quality as a top-performed scanner may achieve.

- Microtek's ColoRescue™: This color restoration solution restores faded colors in both photos and film, bringing hues back to their original luster and brilliance for more vibrant images. ColoRescue's one-click, automatic color recovery process is simple and straightforward, involving no learning curve or hassle.

- Five Smart-Touch buttons: These buttons on the button panel of the scanner provide you with a quick and easy way to launch frequently used scanner functions. All it takes is one touch of a button — and you can launch the scanner button's corresponding function. The five Smart-Touch buttons include Scan, Copy, E-mail, OCR, and PDF

- Microtek ScanWizard 5 scanning software: ScanWizard 5 features full scanning tools that both novice and experienced scanner users will find productive and easy to use. The Standard Control Panel offers a simple and straightforward way to complete a scanning session, while the Advanced Control Panel provides you with additional controls to fine-tune your scans.

- Optional LightLid 35 Plus II *: This transparency adapter allows you to scan 35mm slides and filmstrips with your scanner

* The LightLid 35 Plus II is either as a standard equipment or an optional accessory depending on the scanner configuration that you purchased.

Taking a Closer Look

Scanner lid

Ruler

Glass surface
(Scan bed)

Ruler

Button Panel

PDF

OCR

E-Mail

Copy

Scan

Power

LED (Ready indicator)

Hi-Speed USB port (1)

Accessory port (9-pin)

Power connector

How the Smart-Touch Scanner Buttons Work

Note: The Smart-Touch buttons on the button panel of your scanner automate frequently performed tasks, such as Scan to File, Scan to Printer, etc. For each scanner button, the parameters governing the use of that button are defined or set through the Microtek Scanner Configuration (MSC) utility. You can use the MSC, for instance, to define how many copies are to be printed of your scan every time you hit the "Copy" button. To launch the MSC, exit ScanWizard 5 first, then double-click the MSC icon on your desktop.

The ScanMaker s460 is equipped with five Smart-Touch buttons for easy access to frequently used scanner functions. To carry out a specific task, simply press the corresponding button on the scanner. The Smart-Touch buttons are:

1. **Scan**: This button captures images that can be automatically saved as files or sent to another application for further processing.

2. **Copy**: This button scans the image and sends it to your printer, transforming your scanner and printer into a convenient copy station. Simply specify the number of copies you want.

   To use the **Copy** button to print a stack of documents:

   - Place the first page on the scanner glass surface.

   - Press the Copy button to scan an image to a file, then automatically output to your specified printer.

   - Load the next page and press the Copy button again. The scanner works in similar fashion to your printer, printing documents one after another with no interruptions.

3. **E-mail**: This button scans the image and delivers it directly to your e-mail editor

4. **OCR**: This button performs OCR (Optical Character Recognition) of a document and converts it to a fully editable digital file. Saves time from retyping documents into your word processor.

5. **PDF**: This button captures an image and automatically saves it as an Adobe Portable Document Format (PDF) file for immediate viewing with the Adobe Acrobat software.

Scanning Scenarios

The following pages provide various scenarios for scanning with the ScanMaker s460, including the following:

- Scanning photos (1). This scenario can also be your first scan in order to familiarize yourself with scanning basics. It makes use of the Standard Control Panel in ScanWizard 5.

- Scanning photos (2): This scenario is similar to above but uses the Advanced Control Panel in ScanWizard 5.

- Scanning film: This scenario utilizes the LigthLid 35 Plus II transparency adapter to scan 35mm slides and filmstrips. It makes use of the Advanced Control Panel in ScanWizard 5.

Scanning Photos (1)

This scenario makes use of the Standard Control Panel

1. Raise the scanner lid, and place the photo to be scanned face down on the scanner glass surface. Position the top end of the photo towards the **right** of the scanner, and then lower the scanner lid on the scanner glass surface.
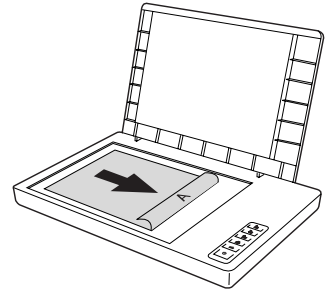
   Note: For the automatic cropping feature to work correctly during the preview scan of your photo, make sure the scanner lid is completely flat and closed over the scan bed *before you launch ScanWizard 5.*

2. Double-click the *ScanWizard 5* icon ( ) on your desktop to launch the ScanWizard 5 Standard Control Panel.

   When ScanWizard 5 launches, it automatically performs a fast preview of the material on your scanner glass surface and displays it in the preview area.

3. If you wish to resize the preview image, drag on the edge or corner of the scan frame (the floating dotted lines around the preview image). This allows you to determine the final area to be scanned.

4. Click the *Original* button, then select *Photo*.

5. Click the *Scan to* button to scan the image.
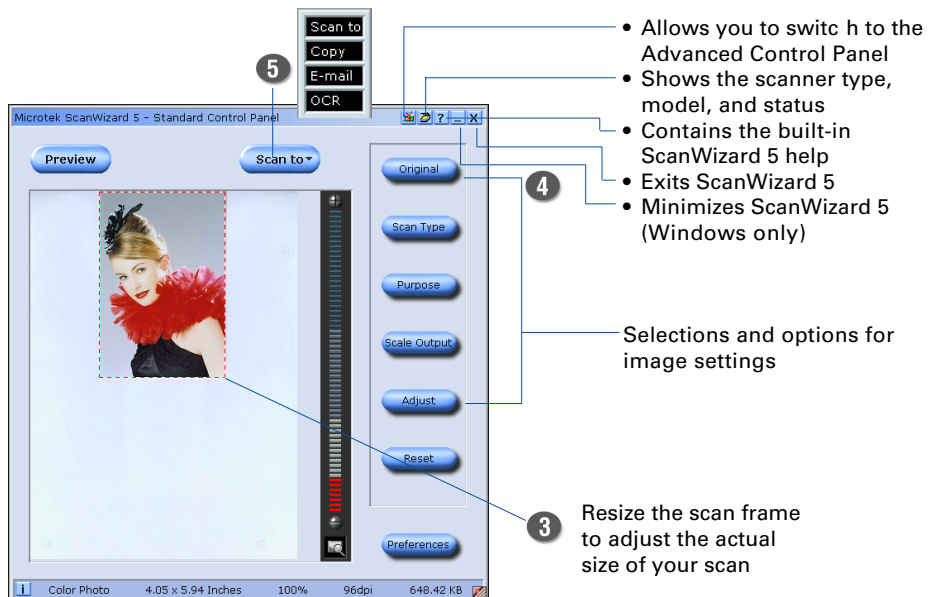
- Allows you to switc h to the Advanced Control Panel
- Shows the scanner type, model, and status
- Contains the built-in ScanWizard 5 help
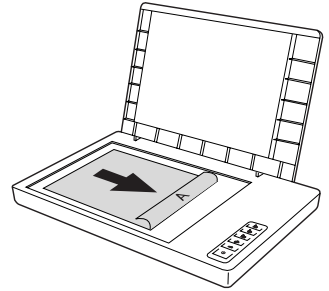- Exits ScanWizard 5
- Minimizes ScanWizard 5 (Windows only)

Selections and options for image settings

Resize the scan frame to adjust the actual size of your scan
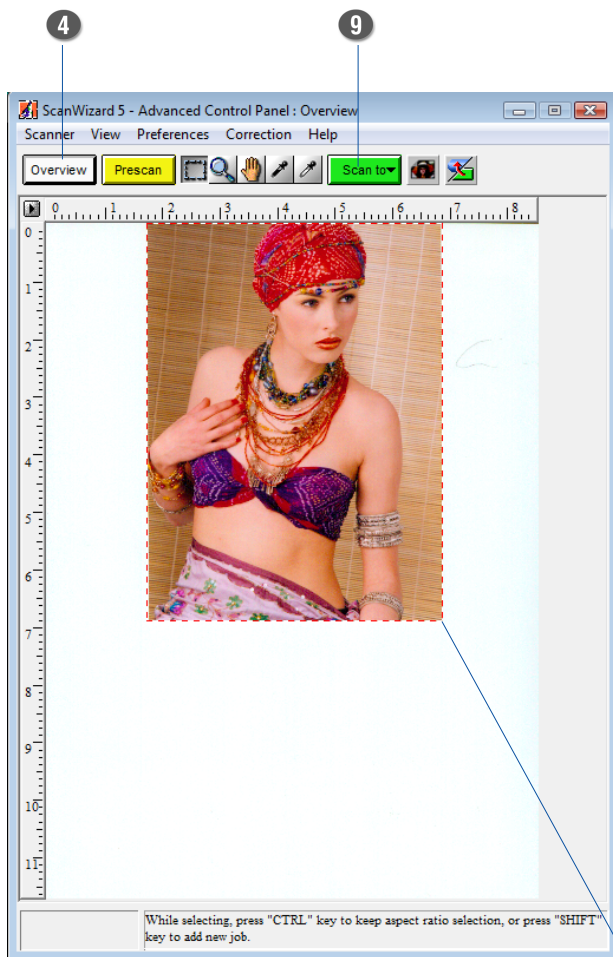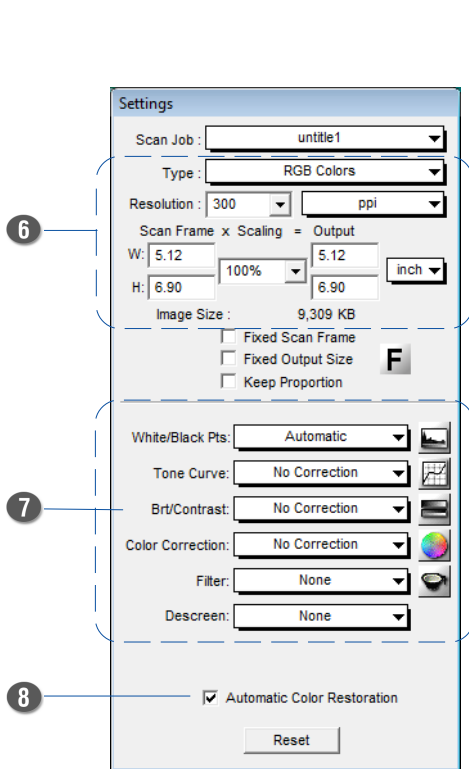
Scanning Photos (2)

This scenario makes use of the Advanced Control Panel.

1. Raise the scanner lid, and place the photo to be scanned face down on the scanner glass surface. Position the top end of the photo towards the **right** of the scanner, and then lower the scanner lid on the scanner glass surface.

2. Double-click the *ScanWizard 5* icon ( ) on your desktop to launch the ScanWizard 5 Standard Control Panel.

   When ScanWizard 5 launches, it automatically performs a fast preview of the material on your scanner glass surface and displays it in the preview window

3. Click the *Switch* icon ( ) on the right corner of the Standard Control Panel to switch to the Advanced Control Panel.

4. Click the *Overview* button to perform a preliminary scan of the image, which will appear in the preview window

5. If you wish to resize the preview image, drag on the edge or corner of the scan frame (the floating dotted lines around the preview image). This allows you to determine the final area to be scanned.

6. Specify your scanning requirements in the *Settings* window.

   a) Select a desired image type.
   b) Select a desired resolution.
   c) Adjust the scan frame settings if necessary.

7. Adjust image quality if necessary, using the Advanced Image Correction (AIC) tools.

8. If the colors in your photo are faded and need restoring, check the "Automatic Color Restoration" box in the Settings window

9. Click the *Scan to* button to scan the image.

Settings

Scan Job : untitle1

Type : RGB Colors

Resolution : 300 | ppi

⑥

Scan Frame x Scaling = Output

W: 5.12 | 100% | 5.12 | inch

H: 6.90 | 6.90

Image Size : 9,309 KB

☐ Fixed Scan Frame
☐ Fixed Output Size **F**
☐ Keep Proportion

⑦

White/Black Pts: Automatic

Tone Curve: No Correction

Brt/Contrast: No Correction

Color Correction: No Correction

Filter: None

Descreen: None

⑧ ☑ Automatic Color Restoration

Reset

④ ⑨

ScanWizard 5 - Advanced Control Panel : Overview

Scanner   View   Preferences   Correction   Help

Overview | Prescan | Scan to

0 1 2 3 4 5 6 7 8

⑤

While selecting, press "CTRL" key to keep aspect ratio selection, or press "SHIFT" key to add new job.

Scanning Film with the LightLid 35 Plus II

To scan film, use the LightLid 35 Plus II transparency adapter included with your ScanMaker s460 to scan film. The LigthLid 35 Plus II is specially designed to scan 35mm slides and 35mm filmstrips.A maximum of 4 mounted slides or one strip of 5 frames can be loaded at a time.

Microtek recommends the use of this accessory to scan slides for on-screen display purposes or where high resolution is not critical. For high-quality print reproduction, we recommend purchasing a dedicated slide scanner or a Microtek scanner with built-in film-scanning features.

Before proceeding with film scanning, perform the procedures below to connect the LightLid 35 Plus II to your scanner

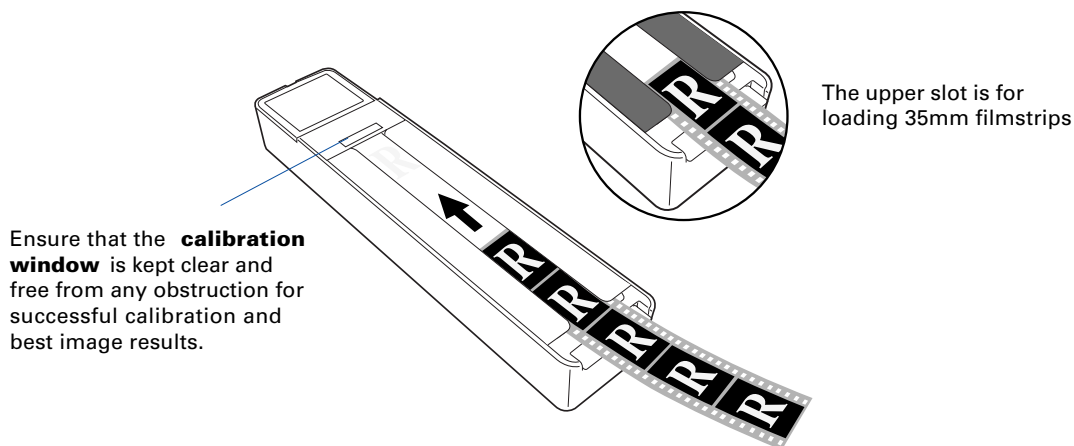1. Unpack the LightLid 35 Plus II.

2. Remove the scanner lid.
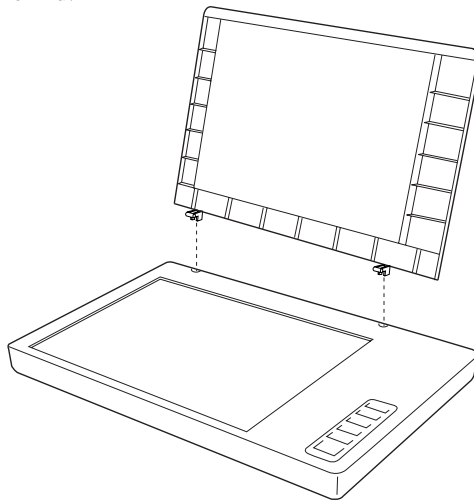
3. Make sure that the scanner is powered off; then plug the connector of the LightLid into the scanner's 9-pin accessory port.
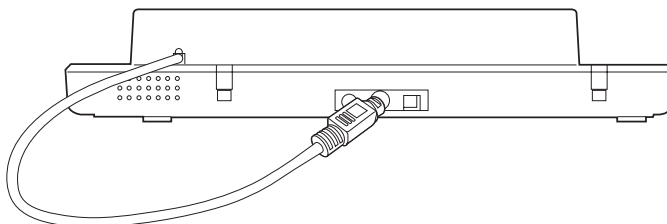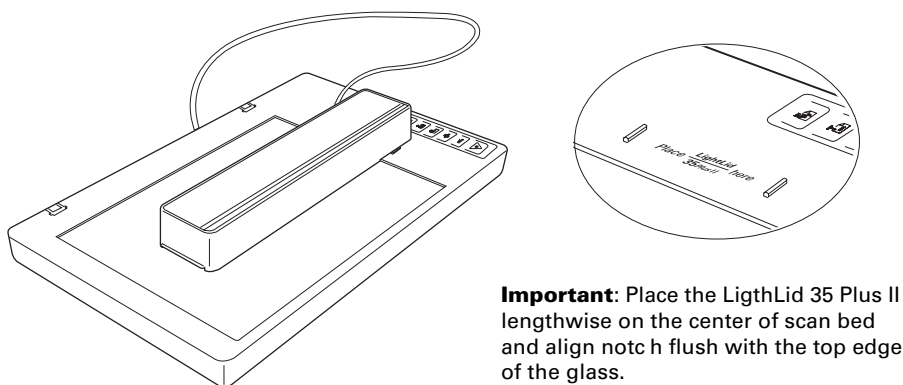
A. Scanning 35mm Filmstrips

1. Turn the LightLid 35 Plus II over Load the filmstrip inside the upper slot of the LightLid, with the film's shiny base facing up.

    The filmstrip should be inserted inside the slot specifically allotted for film, as shown in the illustration.


The upper slot is for loading 35mm filmstrips

Ensure that the **calibration window** is kept clear and free from any obstruction for successful calibration and best image results.

2. Place the LightLid 35 Plus II vertically on the glass surface of the scanner, and center it along the ruler of the scanner.

Important: Place the LigthLid 35 Plus II lengthwise on the center of scan bed and align notc h flush with the top edge of the glass.

3. Double-click the *ScanWizard 5* icon ( ) on your desktop to launch the ScanWizard 5 Standard Control Panel, then click the *Switch* icon ( ) on the right corner of the Standard Control Panel to switch to the Advanced Control Panel.

4. In the Preview window of ScanWizard 5, click the *Scan Material* button or drop-down menu. Choose *Negative Film* to scan negatives.
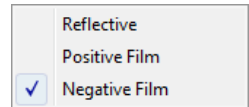
When selected, the light source of the LightLid 35 Plus II lights up.

5. Click the *Overview* button to perform a preliminary scan of the image, which will appear in the preview window

6. If you wish to resize the preview image, drag on the edge or corner of the scan frame (the floating dotted lines around the preview image). This allows you to determine the final area to be scanned.

7. Specify your scanning requirements in the *Settings* window.

8. Adjust image quality if necessary, using the Advanced Image Correction (AIC) tools.

9. If the colors in your film are faded and need restoring, check the "Automatic Color Restoration" box in the Settings window.

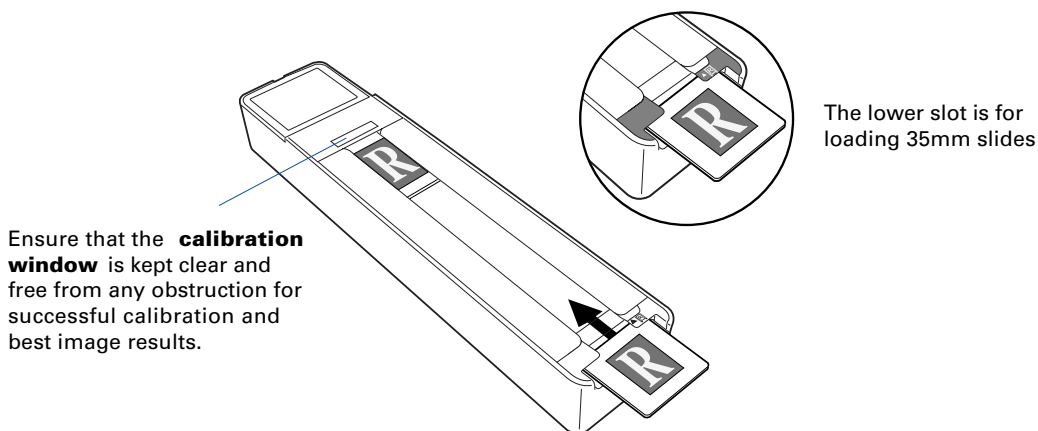10. Click the *Scan to* button to scan the image.
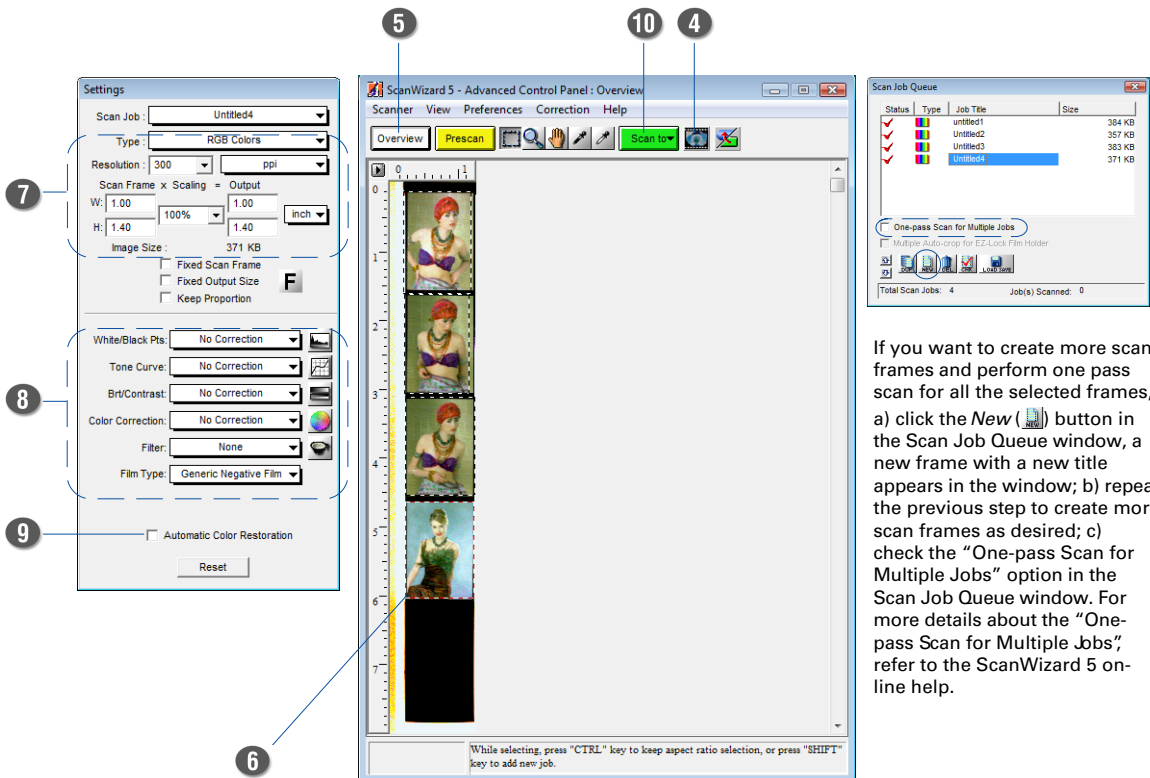
If you want to create more scan frames and perform one pass scan for all the selected frames, a) click the *New* ( ) button in the Scan Job Queue window, a new frame with a new title appears in the window; b) repeat the previous step to create more scan frames as desired; c) check the "One-pass Scan for Multiple Jobs" option in the Scan Job Queue window. For more details about the "One-pass Scan for Multiple Jobs", refer to the ScanWizard 5 on-line help.

B. Scanning 35mm Slides

1. Turn the LightLid 35 Plus II over Load the slide inside the lower slot of the LightLid, with the slide facing up.

   The slides should be inserted inside the slots specifically allotted for slides, as shown in the illustration.

The lower slot is for loading 35mm slides

Ensure that the **calibration window** is kept clear and free from any obstruction for successful calibration and best image results.

2. Place the LightLid 35 Plus II vertically on the glass surface of the scanner and center it along the ruler of the scanner.

3. Follow the procedures (steps 3 through 10) for scanning 35mm filmstrips to carry out scanning.

   In step 4, instead, choose *Positive Film*.
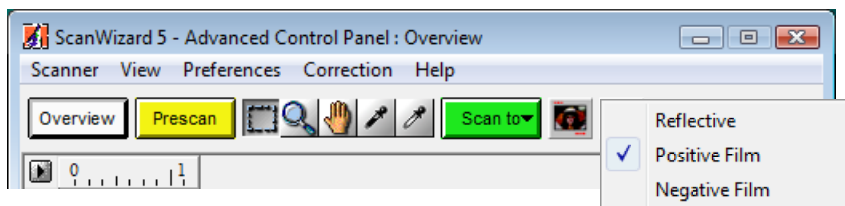
Specifications

Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass True 48-bit color (approx. 281 billioncolors) 16-bit grayscale (approx. 65,536 shades of gray)
Scanning Area	Reflective: 8.5" x 11.7" (216 mm x 297 mm) Transparent: 0.9" x 7.8" (24.5 mm x 200 mm)
Resolution	Optical: 4800 dpi x 9600 dpi Interpolated: 65,535 dpi x 65, 535 dpi
Interface	Hi-Speed USB (USB 2.0)
Dimensions (L x W x H)	17.46" x 10.97" x 2.00" (443.5 mm x 278.6 mm x 51 mm)
Net Weight	5.59 lbs (2.5 kg); 6.35 lbs (2.9 kg) with LightLid 35 Plus II
Voltage	AC 100V to 120V (U.S. and Canada) AC 200V to 240V (Europe and others) 50/60 Hz
Power Consumption	15W (12V/1.25A)
Environment	Operating Temperature: 50° F to 104° F (10° C to 40° C) Relative Humidity: 20% to 85%

Power supply (AC/DC adapter)	*Voltage*	*Manufacturer*	*Model No.*
	100V to 240V	WUXI HARD	HDAD-120015-3C (U.S./TWN)
	100V to 240V	WUXI HARD	HDAD-120015-3B (Europe)
	100V to 240V	WUXI HARD	HDAD-120015-3D (AUS)
	100V to 240V	WUXI HARD	HDAD-120015-3E (UK)

System Requirements

General requirements
- CD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 128MB RAM (256MB recommended)

PC and compatibles
- Pentium III PC or higher with USB or Hi-Speed USB (USB 2.0)
- Microsoft Windows 2000, XP or Vista

Important
Specifications, software bundles, and accessories are subject to change without notice. Not responsible for typographic errors.

FCC Compliance Statement

This equipment (Model: MRS-4800U2) 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 and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: A shielded Hi-Speed USB interface cable with ferrite core installed on the scanner connector end must be used with this equipment.

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.