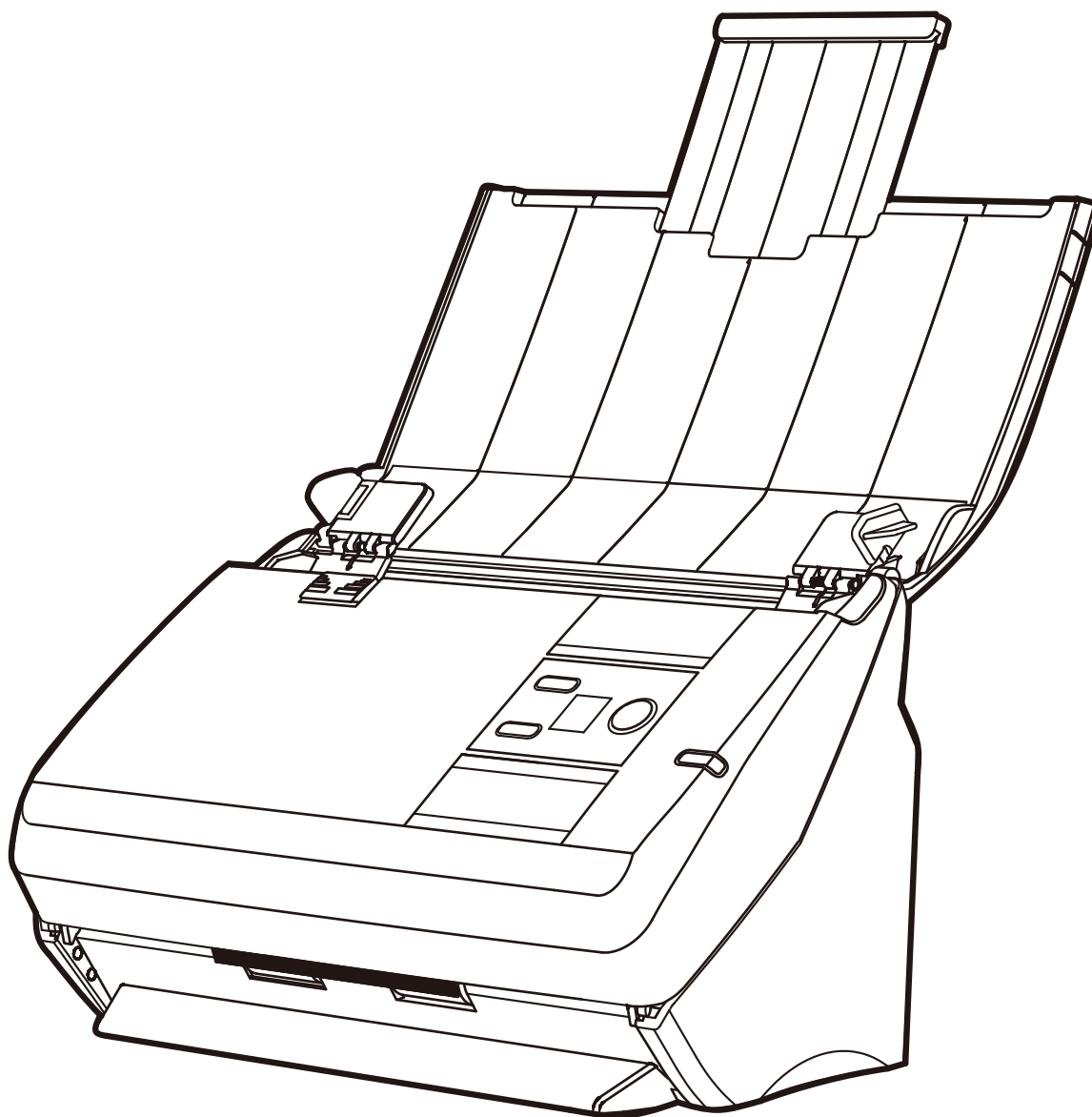


# ImageScan Pro® 800ix Series

High-Speed ADF Scanner

## User Guide



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## **Liability**

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## **Copyright**

The scanning of certain documents, for example checks, bank notes, I.D. cards, government bonds, or public documents, may be prohibited by law and/or subject to criminal prosecution. We recommend you to be responsible and respectful of the copyrights laws when you are scanning books, magazines, journals and other materials.

## **Environmental Information**

This product is designed and produced to achieve sustainable environmental improvement. We strive to produce products in compliance with global environmental standards. Please consult your local authorities for proper disposal. Our product packaging is recyclable.

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# INTRODUCTION

Thank you for purchasing an Ambir scanner. Like all of our products, your new scanner is thoroughly tested and backed by our reputation for unsurpassed dependability and customer satisfaction.

## HOW TO USE THIS GUIDE

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This User's Guide provides instructions and illustrations on how to install and operate your scanner. This guide assumes the user is familiar with Microsoft Windows.

The Introduction section of this manual describes the box contents and minimum computer requirements to use this scanner. Before you start installing your scanner, check the box contents to make sure all parts are included. If any items are damaged or missing, please contact Ambir Technology customer service directly.

Chapter I describes how to install scanner's software and connect the scanner to your computer. This guide assumes that your computer is USB-ready and has a free USB port.

Chapter II describes how to use your scanner.

Chapter III describes how to maintain and clean your scanner.

Chapter IV contains technical support information that can help you solve simple problems.

## CONVENTIONS OF THIS GUIDE

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**Bold** —Represents commands or contents on your computer screen.

**ALL CAPS** —Important note or first use of an important term in a chapter.

*Italic* —Represents buttons on your scanner OR important notes.

### A Note about Icons

This guide uses the following icons to point out information that deserves special attention.



**Warning**

A procedure that must be followed carefully to prevent injury, or accidents.



**Attention**

Instructions that are important to remember and may prevent mistakes.



**Information**

Optional tips for your reference.

## SAFETY PRECAUTIONS

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**Warning**

Before using this device, please read the following important information to eliminate or reduce any possibility of causing damage and personal injury.

1. Usage, the product is for indoor use in dry locations. Moisture condensation may occur inside this device and cause malfunction at these conditions:
  - when this device is moved directly from a cold to a warm location;
  - after a cold room is heated;
  - when this device is placed in a damp room.To avoid the moisture condensation, you are recommended to follow the procedure:
  - i. Seal this device in a plastic bag for it to adapt to room conditions.
  - ii. Wait for 1-2 hours before removing this device from the bag.
2. Do use the AC adapter and USB cable provided with the scanner. Use of other AC adapter and cables may lead to malfunction.

3. Keep the space around the AC adapter clear in case you need to quickly unplug the AC adapter during emergencies.
4. Damaged wire could cause fire or electrical shock. Keep the power cord straight and without being twisted, bended, or scraped.
5. Unplug this device if you don't need to use for an extended period of time to avoid any risks of causing fire.
6. Do not attempt to disassemble the scanner. There is danger of an electrical shock and opening your scanner will void your warranty.
7. Be sure not to bump or knock the scanner glass as it is fragile and could break.
8. Do not subject the scanner to excessive vibration. It may damage the internal components.

## MINIMUM SYSTEM REQUIREMENTS<sup>1</sup>

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- PC with Intel Pentium® IV 2.0GHz processor or compatible
- 1 MB RAM
- Available USB 2.0 port
- 100 MB Free Hard Disk Space
- Video card that supports 16-bit color or greater
- Operating System: Windows 7 / 8 / 10



### Information

Systems with Pentium® IV 3.0GHz or higher processor (or its compatible) and 500 MB free hard disk space are recommended for optimal performance.

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<sup>1</sup> Higher requirements may be needed when scanning or editing large quantities of images. The system requirements stated are only a guideline, generally the better the computer (motherboard, processor, hard disk, RAM, video graphic card), the better the results.

## Box Contents<sup>2</sup>

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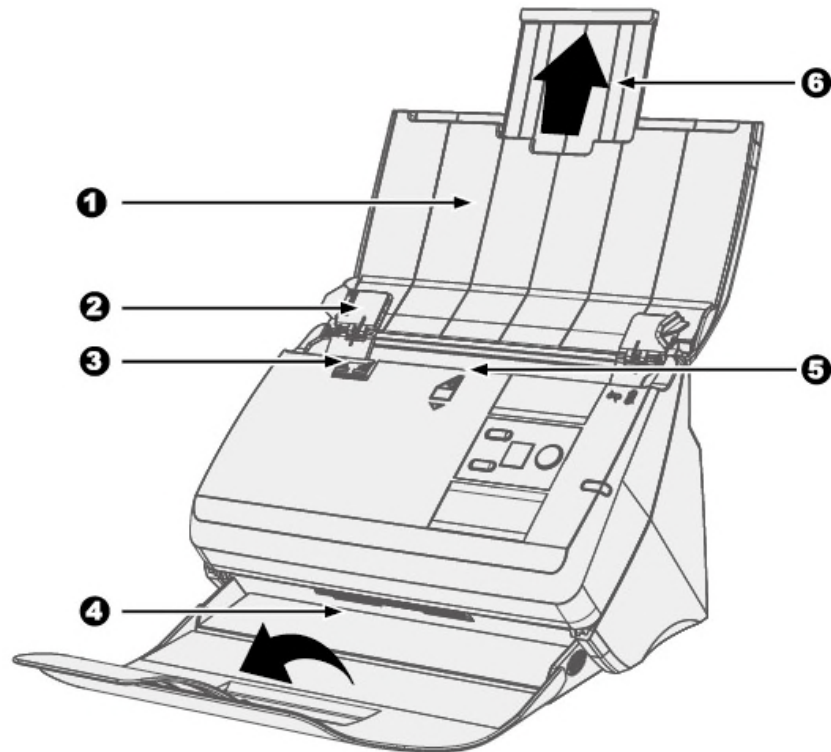
1. Scanner
2. USB Cable
3. AC Adapter
4. Stacker Tray
5. Installation Guide
7. Calibration Sheet
8. Cleansing Cloth
9. Pad Module (replacement pad)

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<sup>2</sup> Save the box and packing materials in case you need to transport this scanner in the future.

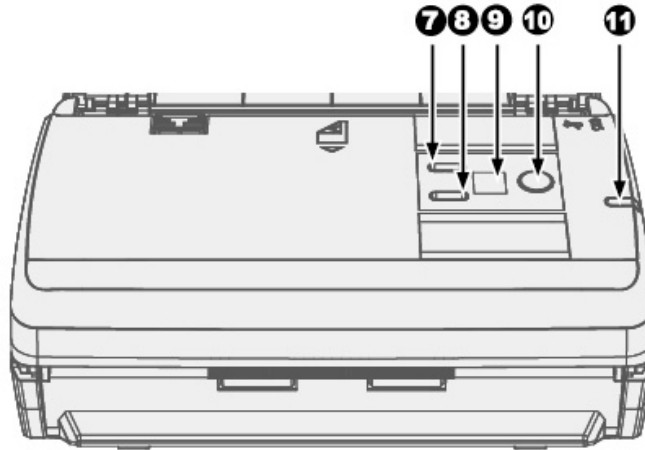
## SCANNER OVERVIEW

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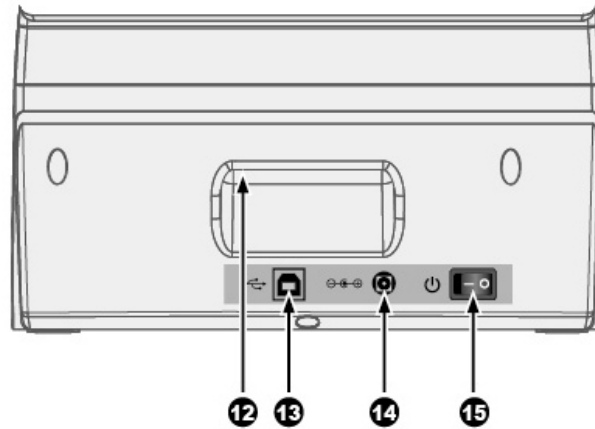
1. **PAPER CHUTE COVER**—Helps keep the paper in place. Open paper chute cover when using the scanner.
2. **PAPER WIDTH SLIDER**—Adjusts the paper width slider for the paper size you are using.
3. **COVER OPEN LEVER**—Opens the ADF cover. Pull it to open the ADF cover when you need to clear paper jam or clean the scanner.
4. **STACKER**—Keeps the paper in place. Extend it in case of longer paper.
5. **ADF (AUTOMATIC DOCUMENT FEEDER)**—Automatically feeds a stack of documents for scanning.
6. **PAPER CHUTE EXTENSION**—Extends to hold longer paper.





- 7. **UP BUTTON**—Press to move forward the scanning task number indicated in the function number display.
- 8. **DOWN BUTTON**—Press to move backward the scanning task number indicated in the function number display.
- 9. **FUNCTION NUMBER DISPLAY**—Indicates the number of the predefined scanning task selected by the up or down button.
- 10. **SCAN BUTTON**—Press to perform a predefined scanning task selected by the up or down button.
- 11. **POWER LED**—Indicates the scanner status.

Light	Status
Blue	The scanner is turned on, ready to scan images.
Orange	The scanner is in standby mode (sleep mode) if it is idle for 10 minutes.
Off	The scanner is off, either because the power is not turned on, or because the AC adapter is not properly plugged into an AC power outlet.



- 12. **HAND HOLDER**—Ergonomically designed for you to carry the scanner with ease.
- 13. **USB PORT**—Connects the scanner to a USB port on your computer by the included USB cable.
- 14. **POWER RECEPTOR**—Connects the scanner to a standard AC power outlet by the included AC adapter.
- 15. **POWER SWITCH**—Use this to turn the scanner ON or OFF.

# CHAPTER I. INSTALLING THE SCANNER

Before installing your scanner, please verify that you have all of the proper components. A list of the package contents is provided in the “Box Contents” section of this guide.

## SOFTWARE INSTALLATION REQUIREMENTS

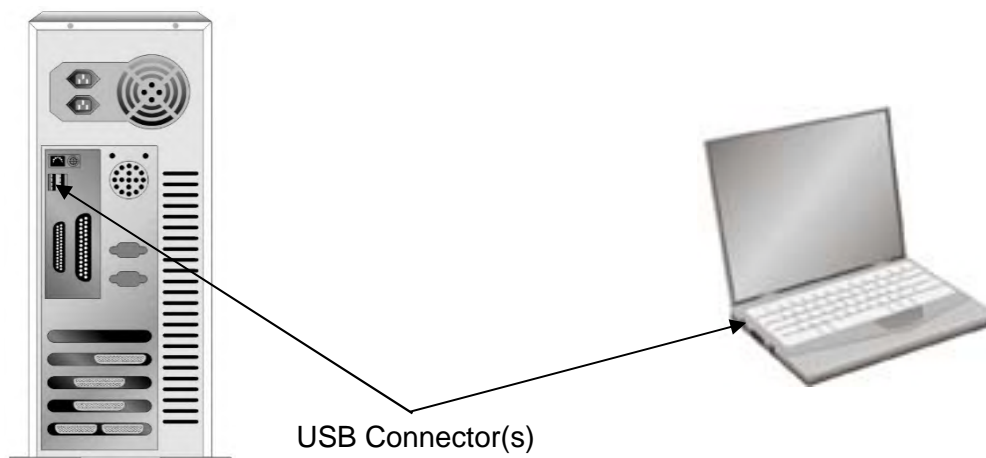
Your scanner includes AmbirScan ADF software and a TWAIN driver for use with TWAIN compliant scanning applications. To ensure ample room for the installation, as well as for scanning and saving images, a minimum of 500 MB of hard disk space is recommended.

This USB scanner may operate with Microsoft Windows 7 / 8 / 10 operating systems.

## HARDWARE REQUIREMENTS

This scanner connects to your computer through the Universal Serial Bus (USB) which supports HOT PLUG AND PLAY. To determine whether your computer is USB-capable, you must check the rear of your PC to locate a USB jack that looks like the picture below. If you are having trouble in locating the USB port on your computer, please refer to the hardware manual that came with your computer.

Upon examination, you should find one or two rectangular USB ports, which usually appear as shown below.



If you don't find such USB ports on your computer, then you need to purchase a certified USB interface card to add USB capabilities to your computer.

## INSTALLING AND SETTING UP THE SCANNER

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Please follow the step-by-step procedures described below to install the Ambir scanner.



### Attention

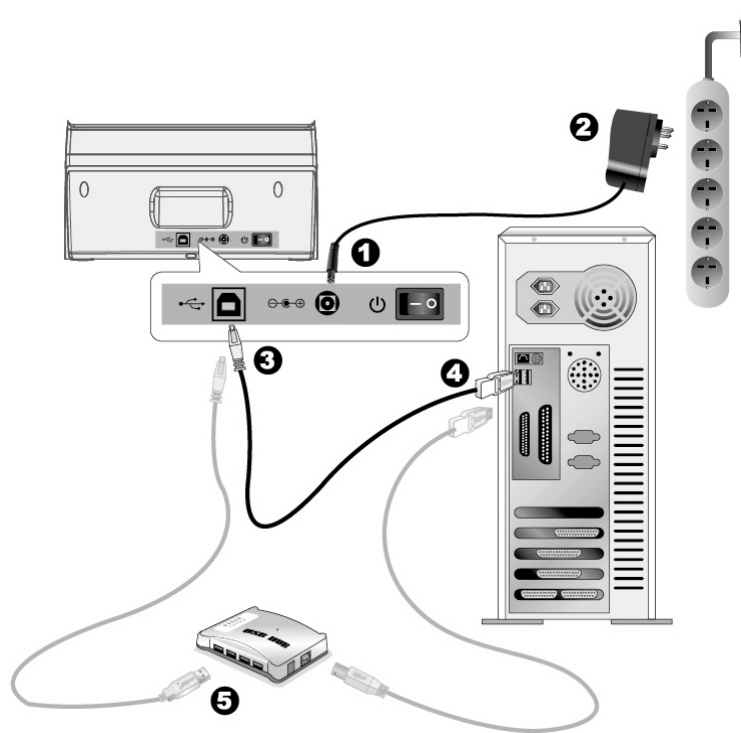
#### Choose a Proper Site First!

- Always place your scanner on a level, smooth and strong surface before proceeding the scanner setup or any scanning task.
- Tilted or uneven surface may cause paper-feeding errors, scanner damage or personal injury.
- Avoid using the scanner in a dusty environment. Dust particles and other foreign objects may damage the unit.



### Step 1. Download and Install the Software

1. Visit [www.ambir.com/support/imagecan-pro-800-setup](http://www.ambir.com/support/imagecan-pro-800-setup) to download the installer for the scanner software and TWAIN driver.
2. Follow the instructions provided on the web page and complete the software/driver installation before connecting the scanner to your computer.

## Step 2. Connecting the Scanner to Your Computer



Please make sure the scanner is turned OFF before you plug or unplug the scanner power adapter.

1. Plug the AC adapter into the scanner's power receptor .
2. Plug the other end of the AC adapter into a standard AC power outlet.
3. Plug the square end of the included USB cable to the USB port  at the rear of the scanner.
4. Plug the rectangular end of the USB cable to an available USB port on your computer.
5. If you plan to connect your scanner to a USB hub<sup>3</sup>, make sure that the hub is connected to the USB port in your computer. Next, connect the scanner to the USB hub.



- Save the Calibration Sheet in case you need to calibrate the scanner in the future.

<sup>3</sup> The USB hub is not included with the scanner.

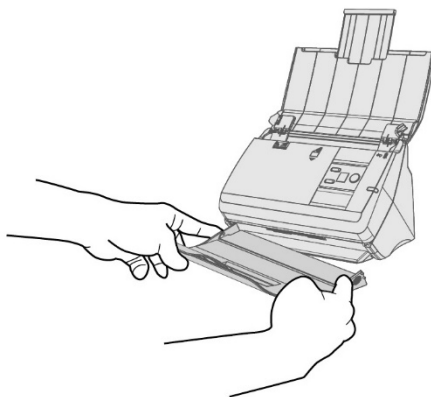
### Step 3. Install the Stacker

Insert the tabs on the stacker onto their slots on the scanner.



#### Information

The installation of stacker is optional, if you have limited desktop space.



## INSTALLING ADDITIONAL SOFTWARE

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Your scanner is TWAIN compliant and functions with virtually all available TWAIN compatible software. If you purchase additional software to be used with your scanner, please make sure that it conforms to the TWAIN standard.

## CHAPTER II. SCANNING

This chapter describes three important steps of scanner operations. Read them thoroughly and follow the instructions to ensure correct use and optimal scanner performance.

Step 1. Preparing Documents

Step 2. Placing Documents

Step 3. Scanning Documents

### PREPARING DOCUMENTS

Proper document preparation prior to the scan can prevent paper feed errors and damages to the scanner.

- Checking Document Conditions
- Loosening Documents

### Checking Document Conditions

The ADF of this scanner accepts a variety of paper and stationery you may use in your daily work or personal life, such as:

- Normal paper; paper weight between 14 lb. and 28 lb. paper
- Notched paper
- Coated paper (e.g. brochure)



### Attention

To prevent paper feeding errors and damages to the ADF unit, strictly follow the instructions below:

- Remove all small objects e.g., paper clips, pins, staples or any other fasteners attached, before loading the paper into the ADF.
- Make sure the paper is completely flat with no creased or curled corners.
- Avoid scanning documents with pencil lead and newspaper clippings as they will make the ADF exposure glass and the inner ADF dirty. If you have to scan such paper, clean the scanner frequently (refer to “Chapter III. Care and Maintenance” of this guide for more information).
- The paper for each batch scanned by ADF can be of the same or different weights. However, make sure the length of each scan batch is the same.

However, don't use the ADF to scan documents if they meet any of the following conditions:

- Paper lighter than 14 lb. (50 g/m<sup>2</sup>) or heavier than 28 lb. (105 g/m<sup>2</sup>)
- Paper with clips or staples attached
- Paper with inconsistent thickness (e.g. envelopes)
- Paper with wrinkles, curls, folds, or tears
- Paper with an odd (non-rectangular) shape
- Tracing paper
- Carbon paper, pressure sensitive paper, carbonless paper
- Items other than paper (e.g. cloth, metal foil)



### Attention

- DO NOT use the ADF to scan photographic sheets or particularly valuable document originals; wrinkles or other damages can happen in case of paper feeding errors.
- DO NOT place paper with wet ink or correction fluid into the ADF. Wait few minutes for it to get dry.



## Loosening Documents

Before loading documents into the ADF, loosen them as follows:

1. Fan the documents so that no two pages are sticking together.
2. Hold the documents upside down with both hands, and then gently push them onto a flat surface to align the edges of all documents.



This will allow documents being fed into the ADF one at a time and prevent paper feeding errors.

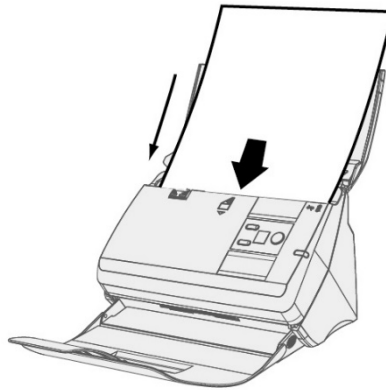
## PLACING DOCUMENTS

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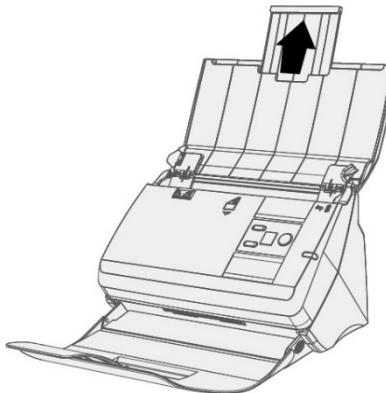
1. Load the documents, headfirst and face down, toward the center of the ADF paper chute and all the way into the ADF until touching the bottom.

For single-sided scans, load the documents face down so that the side to be scanned faces towards the paper chute.

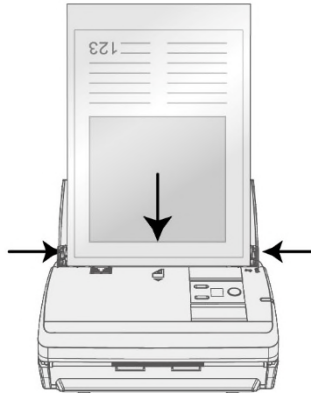
For double-sided scans, load the desired page order of documents face down so that the side to be scanned faces towards the paper chute.



2. If you need to scan longer documents, pull out the paper chute extension and the stacker extension to provide further support for the documents.



3. Adjust the paper width slider for the paper size you are using. The paper width slider should be gently touching both sides of the documents.



**Attention**

- DO NOT load more than 50 sheets of paper (18 lb., 70 g/m<sup>2</sup>) to the ADF.
- Paper scanned from the ADF must be a minimum of 2.5" W x 2" L (6.35 cm x 5.08 cm).
- Make sure there are no gaps between the document stack and the paper-width slider; otherwise, the scanned images can be skewed.
- Although the documents should be loaded firmly in place ensuring optimum scanning accuracy, they should never be wedged in so tightly that the process of feeding them through the scanner is strained.
- Do not load additional paper into the ADF while the unit is feeding and scanning.

## PLACING BUSINESS CARDS

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1. Load the business cards, headfirst and face down, toward the center of the ADF and all the way into the ADF until touching the bottom.

For single-sided scans, load the business cards face down.

For double-sided scans, load the business cards in desired order.



2. Adjust the paper width slider to the business card width. The paper width slider should be gently touching both sides of the business cards.



### Attention

Don't load more than 20 business cards in one batch.

## PLACING PLASTIC CARDS

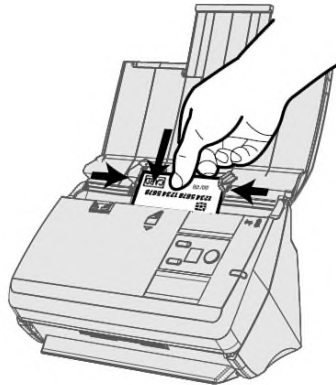
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The plastic card can be embossed credit card, driver license, ID card, insurance card, medic-care card or any membership card. Make sure to load the embossed face of the embossed card face up into the scanner.

1. Horizontally load the plastic card, headfirst and face up, toward the center of the ADF.

For single-sided scans, load the card face up.

For double-sided scans, load the card in desired order.



2. Adjust the paper width slider to the card width. The paper width slider should be gently touching both sides of the card.



### Attention

- Make sure the plastic cards you wish to scan are horizontally loaded into the ADF.
- Maximum thickness of each plastic card is 1.2 mm.


## SCANNING DOCUMENTS

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There are 3 different ways to operate the scanner:

1. By acquiring images from the scanner through our TWAIN interface within any TWAIN-compliant application programs.
2. By scanning using the buttons on the scanner front panel and AmbirScan ADF.
3. Scanning from AmbirScan ADF's Execute menu.

The TWAIN interface and AmbirScan ADF software is automatically installed to your system along with the scanner driver.

**Attention**

Before you start scanning, check the following:

- The power of both your computer and scanner is turned on.
- The icon  appears on the Windows system tray.
- Paper is appropriately loaded into the ADF.

### Scanning via TWAIN Interface

The TWAIN program is a very important piece of software that comes with your scanner. This program acts as an interface between the scanner hardware and the image-editing software you are using to view and edit images. The TWAIN program allows you to adjust a number of settings to define the quality of the scanned image.

### Scanning using the scanner buttons and AmbirScan ADF

Completing scanning projects using the scanner buttons is very easy and convenient. Before performing your first scan via scanner buttons, you are recommended to configure the button settings to your needs and preferences first. The number of scanning task displayed on the scanner's front panel is configured through AmbirScan ADF. Simply load the documents into the ADF, select a task number and press Scan on the scanner.

#### Scan from the Scanner Buttons



1. Place the document or images onto the scanner. (Refer to "Chapter II. Scanning" of the Scanner User's Guide for more information in placing paper into the ADF properly.)
2. Check current button settings by viewing the Button Configuration window. If needed, you may also modify settings to meet your current needs. (Refer to "View Button Settings" and "Configure Button Settings" below for more information.)

3. Press the UP or DOWN button to select the desired task.
4. Press the **Scan** button.

The scanner starts to scan immediately and carry out the corresponding action according to settings you have set up in the Button Configuration window.

## Configure Button Settings



Within the “Button Configuration” window, you can find a row of icons running through the left side of the window. Each icon represents a scanning task, and the number underneath corresponds to the function number displayed on the scanner front panel. Nine frequently-used scanning tasks are pre-configured for your convenience to start scanning immediately. You may, however, customize the settings of every nine tasks to best meet your needs and preferences. Follow the steps described below:

1. Do one of the following to open the Button Configuration window:
  - Double-click the icon  in the Windows system tray.
  - Right-click the icon  in the Windows system tray, and then choose **Button Configuration...** in the pop-up menu that opens.
2. Select a task number by clicking on the icon.
3. Select the desired function from the drop-down list of Button Template and adjust button settings.

Click the **Help** button within the Button Configuration window for more information about the settings.


## View Button Settings

There are 2 ways to view the button settings:

- Double-click the icon  in the Windows system tray.
- Right-click the icon  in the Windows system tray, and then choose **Button Configuration...** in the pop-up menu that opens.

## Scanning from AmbirScan ADF's Execute Menu

You may also use AmbirScan ADF's on-screen Execute menu to perform the same scanning tasks. The AmbirScan ADF program provides a quick and convenient way to perform various scanning functions. Follow the steps described below:

1. Place the document or images onto the scanner.
2. Check current button settings by viewing the Button Configuration window. If needed, you may also modify settings to meet your current needs.
3. Right-click the icon  in the Windows system tray, and then choose **Execute** in the pop-up menu that opens.
4. Click the desired button function item in the pop-up menu.

The scanner starts to scan immediately and carry out the corresponding action according to settings you have set up in the Button Configuration window.



## CHAPTER III. CARE AND MAINTENANCE

Your scanner is designed to be maintenance-free. However, constant care and maintenance can keep your scanner working smoothly.

### CLEANING THE SCANNER

Paper powder, dust, ink and toner from paper being scanned may make the inner ADF dirty, which leads to poor image quality or document-feeding errors. How often to clean your scanner depends on the type of paper and number of pages being scanned.

Perform the following procedures to clean the scanner surface and the ADF unit. Gently wipe locations described herein. Do not rub too hard.



#### Warning

- Before cleaning the scanner, turn off the scanner and disconnect the scanner's power cable and USB cable, and then wait a few minutes for the glass and/or the inner ADF to cool to ambient temperature.
- Wash your hands with soap and water after cleaning the scanner.

### Cleaning Materials

Have the following cleaning materials ready to clean the scanner:

- soft, dry, lint-free cloth (or a cotton swab)
- **non-abrasive cleaner**—Isopropyl alcohol (95%). DO NOT use water.

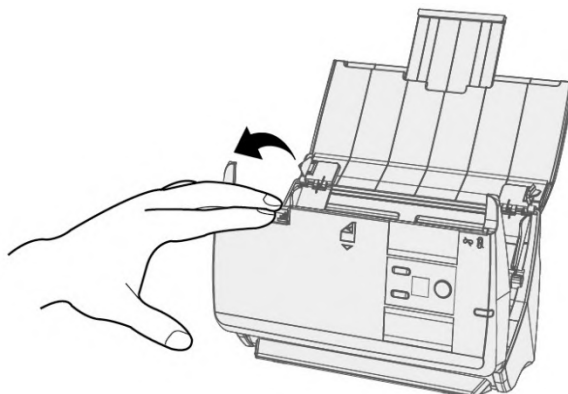


#### Attention

- Alternatively, you can use glass cleaner or neutral detergent for windows cleaning to clean the scanner glass.
- However, DO NOT use either of them to clean the ADF feed roller or pad module.
- Use of other cleaning materials could damage your scanner.

## Cleaning the ADF

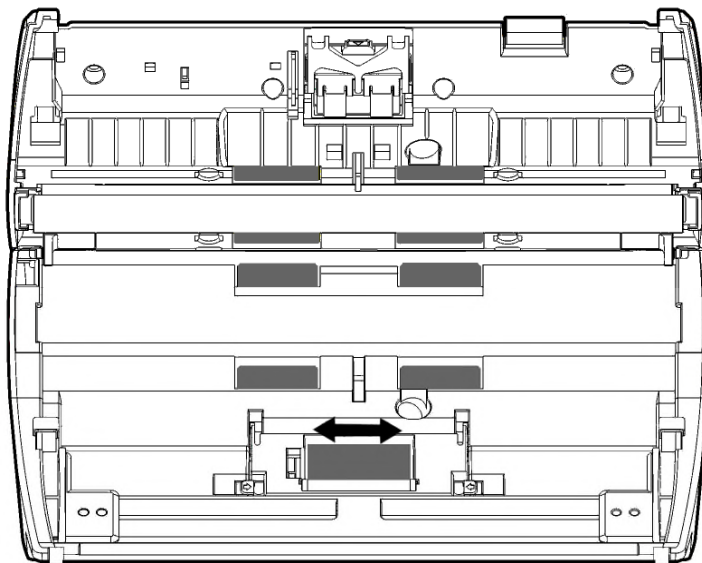
1. Open the ADF cover by pulling the lever.



2. Gently wipe the following areas with the cloth dampened with the cleaner. Be careful NOT to scratch their surfaces.

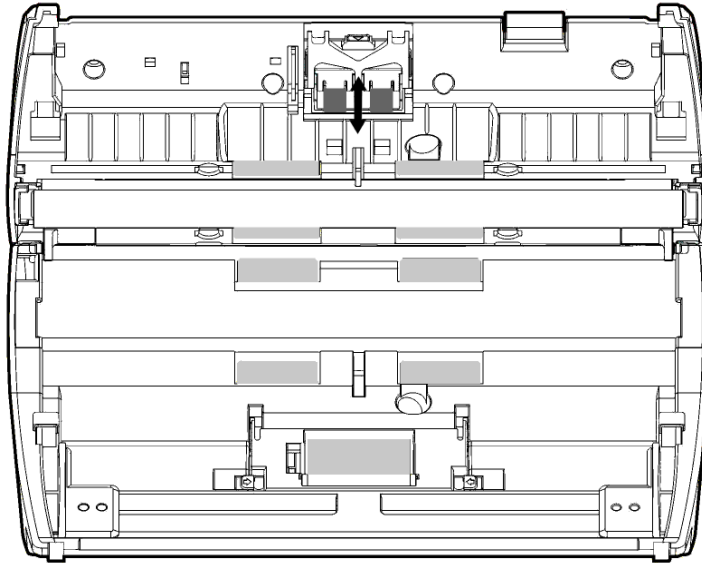
### Clean Feed Roller:

Wipe the Feed Roller from side to side and then rotate it. Repeat this until its entire surface is cleaned.

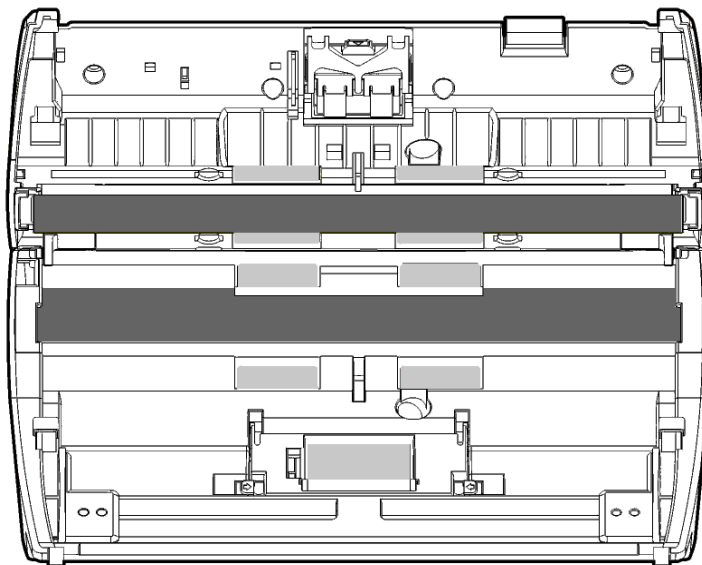


### Clean Pad Module:

Wipe the Pad Module from top to bottom (in the direction of arrow shown in below picture). Be careful not to damage the pick springs of the pad.



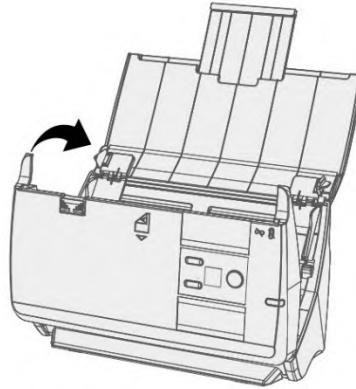
### Clean ADF Glass:



Do not spray cleaner directly onto the scanner glass. Excess liquid residue may fog or damage the scanner.

3. Wait for cleaned areas to dry completely.

4. Close the ADF cover by pushing it back down until it snaps back into place.



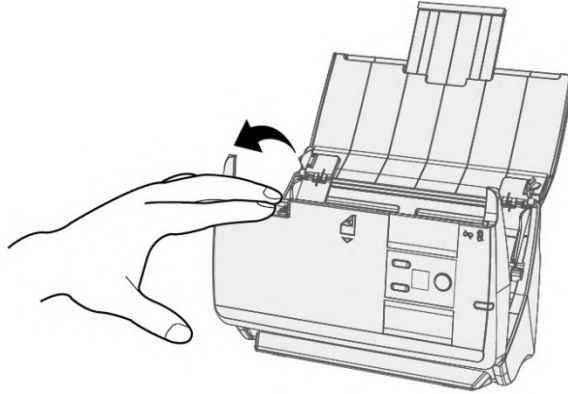
## REPLACING CONSUMABLES

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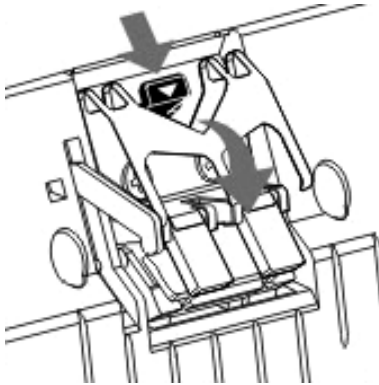
As a guideline, it is recommended to replace the pad module every 20,000 scans and the roller every 100,000 scans. The Counter Utility program automatically counts the number of sheets scanned by your scanner and how many times the consumables are used. After replacing consumables, please reset the counter to 0. From the Windows **START** menu, point to **All Programs > Your Scanner Model Name**, and then click **Scanner Utility**. (For Windows 8.1 users: Point your mouse cursor to the upper or lower right corner of your screen to open the **Charm** bar. Click on the **Start** charm, then click on the downwards arrow button in the lower left corner of the screen. The **Apps** screen will be shown. Move your cursor to the right edge of the screen to scroll right until you find **Your scanner model name**, and then click on **Scanner Utility**.) The **Scanner Utility** window opens. Find the **Counter Utility** section. Refer to the online help of Scanner Utility to explore more about Counter Utility.

## Replacing the Pad Module

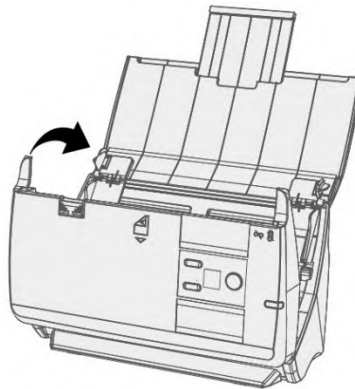
1. Open the ADF cover by pulling the cover open lever.



2. Remove the pad module by pressing the open knob of the pad module and pull it out.

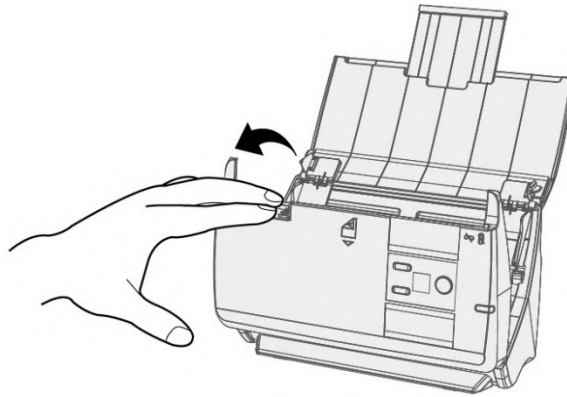


3. Install the new pad module by inserting the tabs on the module onto their slots on the scanner.
4. Close the ADF cover by pushing it back down until it snaps back into place.

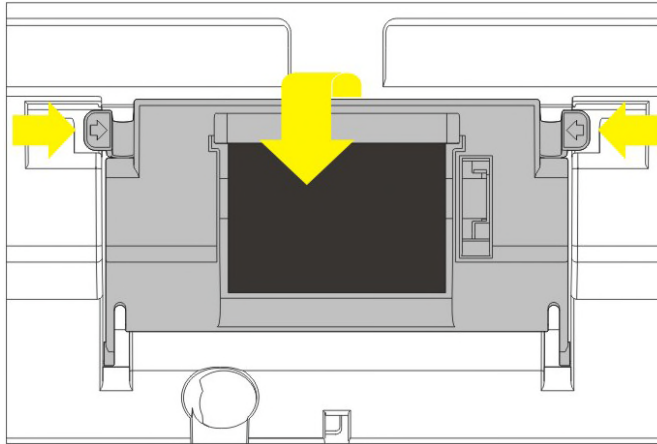


## Replacing the Feed Roller

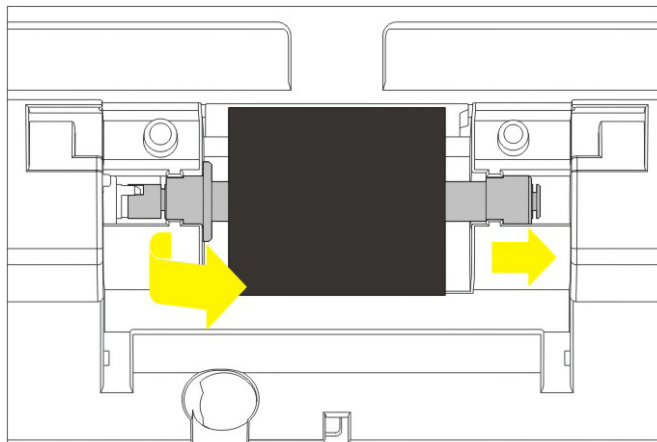
1. Open the ADF cover by pulling the cover open lever.



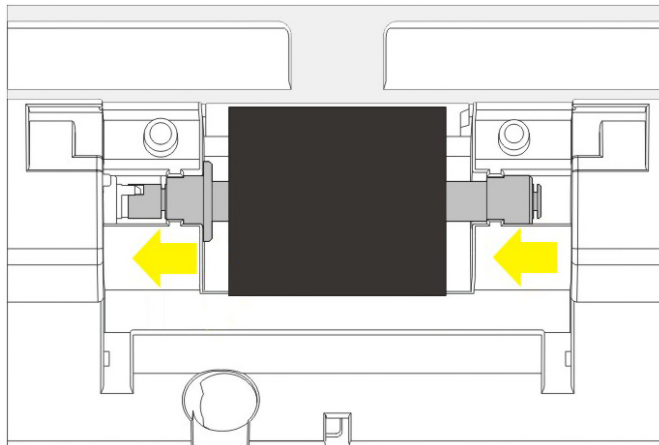
2. Open the roller cover by pinching both sides of the roller cover.



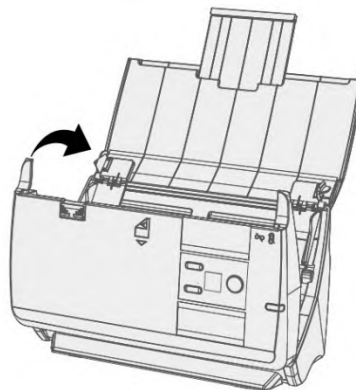
3. Remove the feed roller and pull it out.



4. Install the new feed roller by aligning and inserting the feed roller onto the roller pitman on the scanner.



5. Close the roller cover by pushing it back down until it snaps back into place.
6. Close the ADF cover by pushing it back down until it snaps back into place.



## CALIBRATING THE SCANNER

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Calibrate the scanner if colors appear in areas that should be white, or colors of the scanned image and the original vary a lot. This allows you to adjust and compensate for variations that can occur in the optical component over time by its nature.

The following describes how to calibrate the scanner:

1. The Calibration Sheet, marked with an arrow on either edge at both sides, is used specially for **ADF Scanning** calibration.
2. Insert the special calibration sheet into the ADF of the scanner, with an arrow toward the scanner buttons.



### Attention

Please insert the special calibration sheet included with the scanner. Alternatively, you may also use any plain white sheet of paper sized in Letter/A4 instead; however, the calibration effect may be less good than the special calibration sheet.

3. Click **Start > All Programs > Your scanner model name > Calibration Wizard**.  
(For Windows 8.1 users: Point your mouse cursor to the upper or lower right corner of your screen to open the **Charm** bar. Click on the **Start** charm, then click on the downwards arrow button in the lower left corner of the screen. The **Apps** screen will be shown. Move your cursor to the right edge of the screen to scroll right until you find **Your scanner model name**, and then click on **Calibration Wizard**.)
4. Click **Next** from the Calibration Wizard that pops up and then click **Calibrate Now....**
5. Click on the **Start** button to begin the calibration process.
6. The scanner pulls the calibration sheet through the scanner, which completes this scanner calibration. After the calibration is complete, click **OK** and then click **Finish**.



## POWER SAVE

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To save power consumption, when the scanning process is finished, the scanner light source will turn itself off and the scanner will enter a lower-power mode without delay time.






### Information

- The scanner will enter the standby mode after it is idle for 10 minutes. Simply press any scanner button on the scanner panel and the scanner will be back to the normal status.
- From the Windows **START** menu, point to **All Programs > Your Scanner Model Name**, and then click **Scanner Utility**. (For Windows 8.1 users: Point your mouse cursor to the upper or lower right corner of your screen to open the **Charm** bar. Click on the **Start** charm, then click on the downwards arrow button in the lower left corner of the screen. The **Apps** screen will be shown. Move your cursor to the right edge of the screen to scroll right until you find **Your scanner model name**, and then click on **Scanner Utility**.) Refer to the online help of Scanner Utility to explore more about standby mode.

# CHAPTER IV. TROUBLESHOOTING

## SCANNER CONNECTION

The first step to take when troubleshooting connection problems with your scanner is to check all physical connections. The icon , located on the Windows system tray, indicates if the scanner software is properly launched and the scanner and computer are communicating with each other.

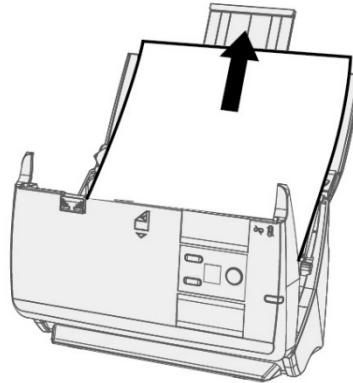
Appearance	Status
	AmbirScan ADF is launched, the scanner is connected with the computer and ready to scan images.
	The scanner is not connected with the computer, or scanner power is off, or the scanner is in standby mode (press any button on the scanner or load a document in the feeder to exit standby mode).
No Display	AmbirScan ADF is not running. The scanner may or may not be connected with the computer.

## CLEARING PAPER JAMS

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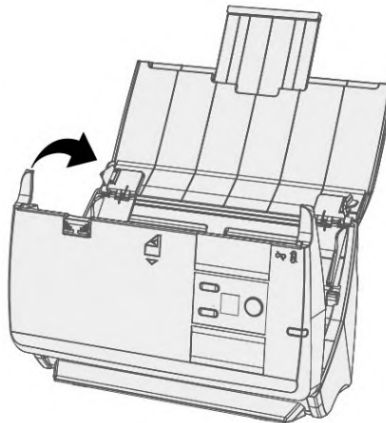
If a paper jam in the ADF happens, please perform the following steps:

1. Remove any unjammed documents still loaded into the ADF.
2. Open the ADF cover by pulling the cover open lever.
3. Gently but firmly pull the jammed documents out of the ADF. Try to avoid creasing or wrinkling the documents.



Do not try to pull jammed or half-scanned documents out of the ADF without first opening the ADF cover. Doing so may permanently damage the ADF.

4. Close the ADF cover by pushing it back down until it snaps back into place.



# APPENDIX A:

## FCC RADIO FREQUENCY STATEMENT

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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 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 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 to an outlet on a circuit different from that which the receiver is connected.
- Shielded interconnect cables and shielded power cord which are supplied with this equipment must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device.
- Consult the dealer or an experienced radio/TV technician for help if the conditions persist.
- Changes or modifications not expressly approved by the manufacturer or authorized service center could void the user's authority to operate this 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.