

Xerox[®] DocuMate[®] 152i

Scanner User Guide

Mac[®] Users



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Safety

Safety Introduction

Notices and Safety

Please read the following instructions carefully before operating the machine and refer to them as needed to ensure the continued safe operation of your machine.

Your Xerox® product and supplies have been designed and tested to meet strict safety requirements. These include safety agency evaluation and certification, and compliance with electromagnetic regulations and established environmental standards.



WARNING:

The safety and environment testing and performance of this product have been verified using Xerox® materials only. Unauthorized alterations, which may include the addition of new functions or connection of external devices, may impact the product certification. Please contact your Xerox representative for more information.

Operational Safety Information

Your Xerox® equipment and supplies have been designed and tested to meet strict safety requirements. These include safety agency examination, approval, and compliance with established environmental standards.

To ensure the continued safe operation of your Xerox® equipment, follow these safety guidelines at all times:

Do these:

- Always follow all warnings and instructions that are marked on or supplied with the equipment.
- Always use materials specifically designated for this product, the use of other materials may result in poor performance and create a hazardous situation. Do not use aerosol cleaners, they may be explosive and flammable under certain conditions.
- Always exercise care when moving or relocating equipment.
- Always locate the machine on a solid support surface that has adequate strength to support the weight of the machine.
- Always locate the machine in an area that has adequate ventilation and room for servicing.
- Always unplug this equipment from the electrical outlet before cleaning.

Note: Your Xerox® machine is equipped with an energy saving device to conserve power when the machine is not in use. The machine may be left on continuously.

Do not do these:

- Never use a ground adapter plug to connect the equipment to a power outlet that lacks a ground connection terminal.
- Never attempt any maintenance function that is not specifically described in this documentation.
- Never remove covers or guards that are fastened with screws. There are no operator serviceable areas within these covers.
- Never locate the machine near a radiator or any other heat source.
- Never override or “cheat” any of the electrical or mechanical interlock devices.
- Never place this equipment where people might step on or trip on the power cord.



Caution: This device is not intended for use in the direct field of view at visual display workplaces

To avoid incommoding reflections at visual display workplaces this device must not be placed in the direct field of view.

Electrical Information

Warning - Electrical Safety Information

1. The power receptacle for the machine must meet the requirements stated on the data plate on the rear of the machine. If you are not sure that your electrical supply meets the requirements, please consult your local power company or an electrician for advice.
2. The socket outlet shall be installed near the equipment and shall be easily accessible.
3. Use the power cable that is supplied with your machine. Do not use an extension cord or remove or modify the power cord plug.
4. Plug the power cable directly into a correctly grounded electrical outlet. If you are not sure whether or not an outlet is correctly grounded, consult an electrician.
5. Do not use an adapter to connect any Xerox® equipment to an electrical outlet that lacks a ground connection terminal.
6. Do not place this equipment where people might step or trip on the power cable.
7. Do not place objects on the power cable.
8. Do not override or disable electrical or mechanical interlock devices.
9. Do not push objects into slots or openings on the machine. Electrical shock or fire may result.

Electrical Supply

- This product shall be operated from the type of electrical supply indicated on the product's data plate label. If you are not sure that your electrical supply meets the requirements, please consult your local power company for advice.



- Always connect equipment to a correctly grounded power outlet. If in doubt, have the outlet checked by a qualified electrician.



WARNING: This equipment must be connected to a protective earth circuit

This equipment is supplied with a plug that has a protective earth pin. This plug will only fit into an earthed electrical outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace the outlet.

Disconnect Device

The power cable is the disconnect device for this equipment. It is attached to the back of the machine as a plug-in device. To remove all electrical power from the equipment, disconnect the power cable from the electrical outlet.

Emergency Power Off

If any of the following conditions occur, turn off the machine immediately and disconnect the power cable(s) from the electrical outlet(s).

- The equipment emits unusual odors or makes unusual noises.
- The power cable is damaged or frayed.
- A wall panel circuit breaker, fuse, or other safety device has been tripped.
- Liquid is spilled into the machine.
- The machine is exposed to water.
- Any part of the machine is damaged.

Maintenance Information

1. Any operator product maintenance procedures will be described in the user documentation supplied with the product.
2. Do not carry out any maintenance on this product which is not described in the customer documentation.

3. Do not use aerosol cleaners. The use of cleaners that are not approved may cause poor performance of the equipment, and could cause a dangerous condition.
4. Use supplies and cleaning materials only as directed in this manual.
5. Do not remove covers or guards that are fastened with screws. There are no parts behind these covers that you can maintain or service.
6. Do not perform any maintenance procedures unless you have been trained to do them by an authorized local dealer or unless a procedure is specifically described in the user manuals.

Product Safety Certification

This product is certified by the following Agency using the Safety standards listed:

Standard
UL60950-1 (USA)
CSA 22.2 No. 60950-1 (Canada)
IEC 60950-1

Environmental Health and Safety Contacts

Contact Information

For more information on Environment, Health, and Safety in relation to this Xerox® product and supplies, please contact the following customer help lines:

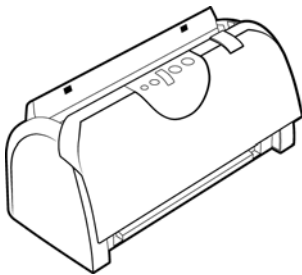
USA & Canada: 1-800-828-6571
Europe: +44 1707 353 434

Welcome

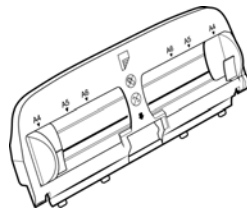
Your new Xerox® scanner can quickly scan stacks of single-sided or double-sided pages and place their electronic images on your computer.

What's in the Box

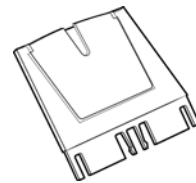
Before proceeding, check the contents of the box. If items are missing or damaged, contact the dealer where you purchased the scanner.



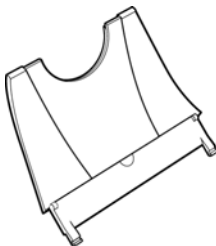
Xerox® DocuMate 152i



Input Tray



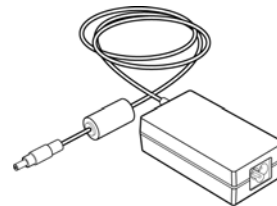
Input Tray Extension



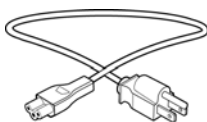
Output Tray



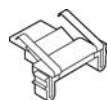
USB Cable



Power Supply



Power Cord



Spare ADF Pad



Installation Disc



Quick Install Guide



Technical Support Card



Warranty Card

System Requirements

- Apple® Mac OS X® operating system (10.9 – 10.12)
- 1.83 GHz or faster Intel® Core Processor
- DVD-ROM drive capable of reading Dual Layer DVDs
- An available Universal Serial Bus (USB) port
- Minimum of 2 gigabyte (GB) of internal memory (RAM)
- Minimum available hard disk space:
 - 350 MB for the scanner driver
 - 1 to 2 GB for each additional application

Please refer page 12 for a list of the applications provided with your scanner.

Documentation

The following printed documentation is provided in the box:

- **Installation guide**—abbreviated scanner setup and installation instructions.
- **Technical support card**—contact information for technical support and customer service, and a brief overview of our standard product warranty.
- **Warranty card**—the warranty card is provided for users in Russia and should be filled in as described on the card. For all other users, please dispose of this card in paper recycling.

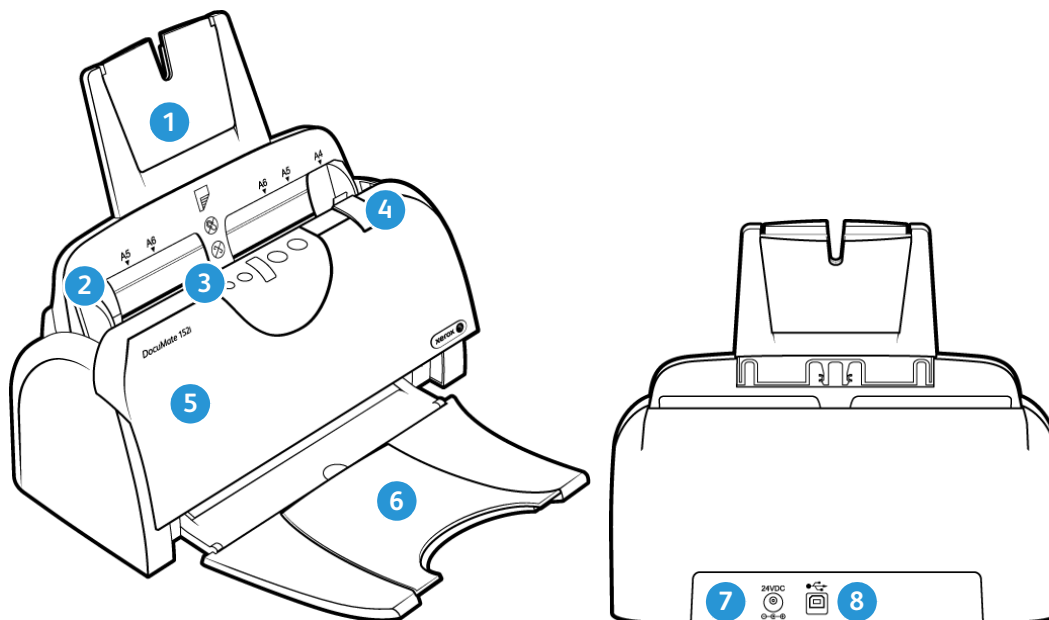
The following soft-copy documentation is available on the installation disc:

- **Scanner user guide**—instructions for scanner setup, installation, operation, maintenance, safety, and warranty. The instructions in this guide cover how to properly use the scanner and perform maintenance. Please refer to your scanning application's user guide or help file for instructions on how to access the scanner's interface, scan and save files.

- **TWAIN scanning guide**—instructions for scanning using the TWAIN interface. This guide describes the options available in the TWAIN interface. Please refer to your scanning application's user guide or help file for instructions on how to access the scanner's interface, scan and save files.
- **ABBYY FineReader Sprint**—contains detailed information using the application software, including information on using Optical Character Recognition to create editable text files from the scanned documents.
- **Findo**—contains detailed information using the application.
- **Patch code sheets**—use with an application that supports detection of patch code data when using the TWAIN interface. The patch code page layouts have been specifically designed for your scanner. The file contains Patch 1 layouts for A4 and U.S. Letter size pages.

Make sure you print the correct page size for the paper in your printer. Also, make sure the application you are using is not set to automatically scale the page to fit on the paper in your printer.

Xerox® DocuMate 152i Scanner



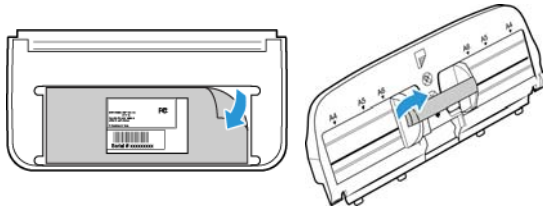
1. **Input Tray**—holds the documents in the Automatic Document Feeder for scanning.
2. **Paper Guides**—guides adjust to support various document widths.
3. **Status light / Power Button**—turns the scanner's power off and shows the scanner's status.
4. **Cover Release**—pull to open the Automatic Document Feeder.
5. **Automatic Document Feeder**—feeds documents through the scanner during scanning.
6. **Output Tray**—holds documents after being scanned. Unfolds to support various document lengths.
7. **Power jack**—connects the power cord to the scanner.

8. **Universal Serial Bus (USB) port**—connects the scanner to the computer.

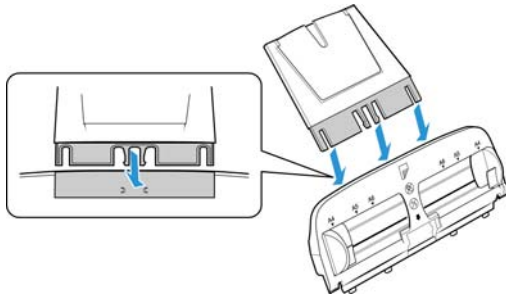
Scanner Setup

Unpack and Assemble the Scanner

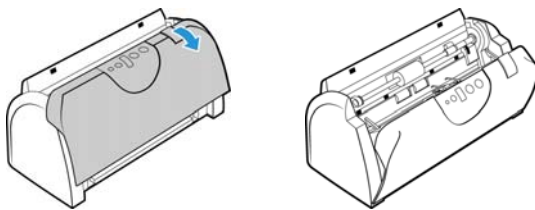
1. Remove the scanner and parts from the protective foam and plastic bags.
2. Remove any shipping tape from the scanner and input tray.



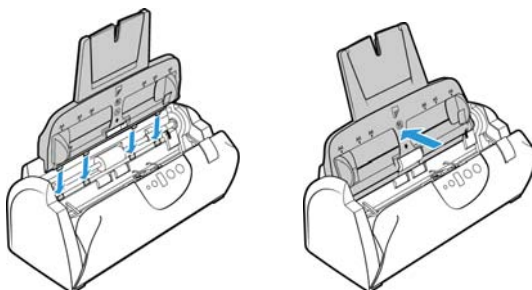
3. Insert the input tray extension into the input tray and snap the tabs into place.



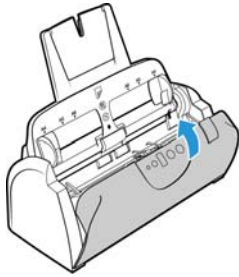
4. Open the ADF cover and carefully remove any foam particles that may have gotten inside it. Leave the cover open so you can attach the input tray.



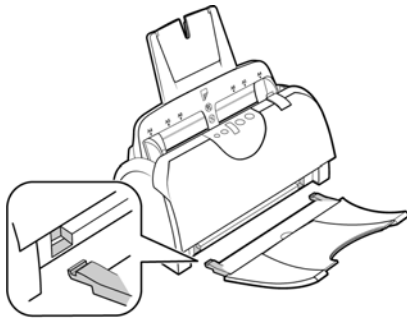
5. Align the tabs on the input tray with the slots inside the scanner and slide the tray down into place. Push the tray back until it is fully seated into position.



6. Close the scanner cover.



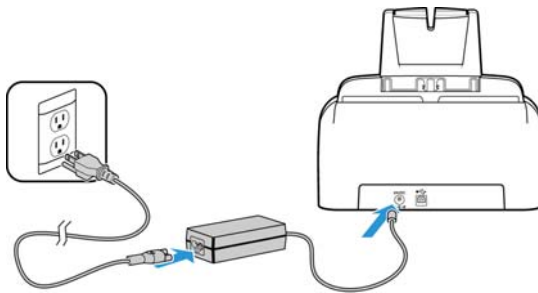
7. Insert the pins on each side of the output tray into the holes on the scanner.



Connect the Power Cord

Note: Only use the power supply (DA-24C24 made by APD) included with your scanner. Connecting any other type of power supply may damage your scanner, and will void its warranty.

1. Plug the power supply into the power port on the scanner.
2. Plug the power cord into the power supply and into a wall outlet.



Installation

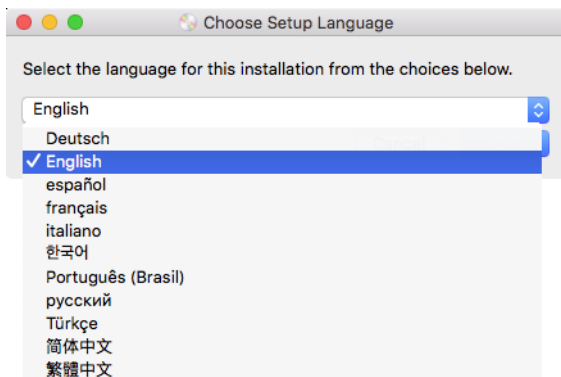
1. Insert the installation disc into your computer's DVD-ROM drive.



2. Double-click the disc icon that appears on the desktop.



3. Double-click the **Setup** file to start the driver installer.
4. The Select Language window opens. Click the drop-down menu arrow and select the language to use. Click **OK**.

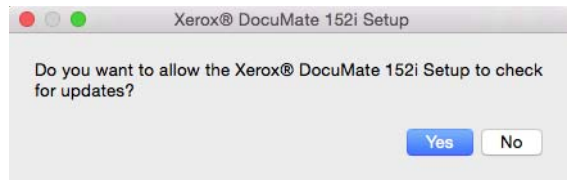


The disc's Main menu window opens.

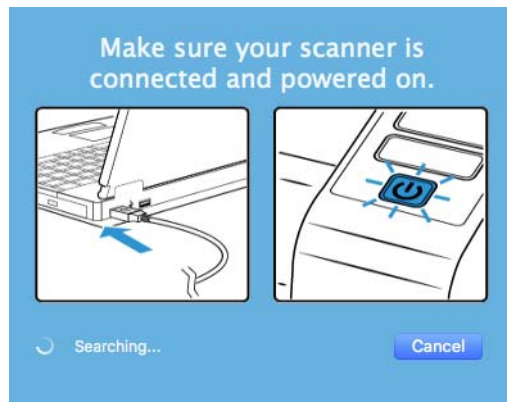
Note: If the disc does not start, check the following:

- Make sure the disc drives door is completely shut.
- Make sure the disc was inserted in the drive in the proper direction (label side up).

5. A prompt will be shown to allow the installer to search online for software updates. Select **No** to install the software on the disc only.

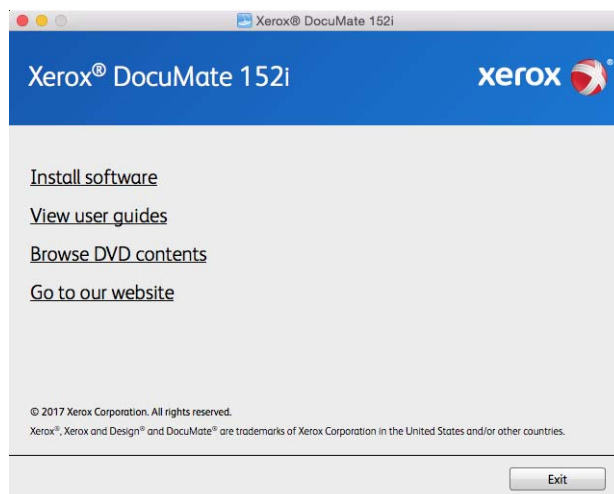


6. If online updates are approved, it will first check to see if there are newer versions of the installer.
7. Plug the USB cable into the USB port on the scanner then into a USB port on the computer. Turn on the scanner power.

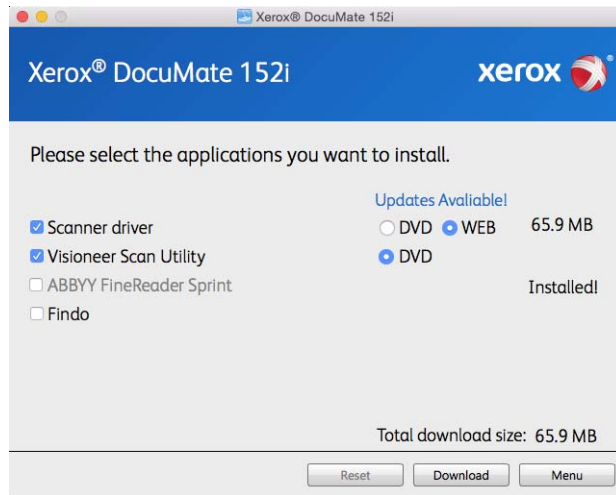


Note: Select **Cancel** to install the software on the disc only.

8. When this is complete, the Main Menu will be shown.
9. On the Main menu, select **Install software**.



10. Make sure the boxes for **Scanner Driver** and **Visioneer Scan Utility** are selected, as well as any other applications you want to install.

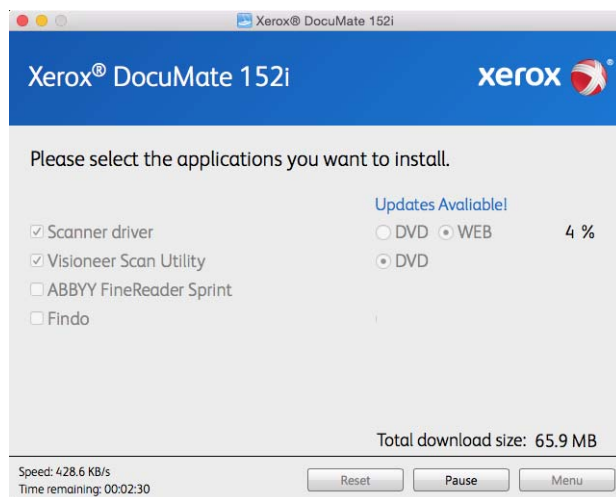


Note: The software provided with your scanner may differ slightly from the list shown in the window.

11. If a version of the software is already installed on the system, the option will be greyed out. However, if there is a newer version available on the disc or online, it will be possible to upgrade by selecting the appropriate button option.
12. If there are newer versions of the software available online, the **Web** button will be enabled. If there is no newer version then only the **DVD** button will be enabled.

Select which option to install the software from.

13. If any of the Web buttons have been selected, the software will have to first be downloaded by clicking **Download Now**. The total size of the download is shown at the bottom.
14. After the download has begun, it can be paused. If changes to the selections are required, it is necessary to click **Reset** while the download is paused. This will allow the settings to be changed.



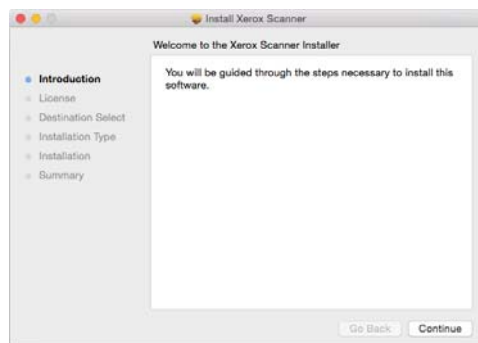
Note: Clicking the Reset button in either the Main menu or the Install menu will cause both partially completed and previously downloaded files to be deleted. In order to be installed they will either have to be downloaded again or installed from the DVD.

15. Once all software has been downloaded, click **Install** now.

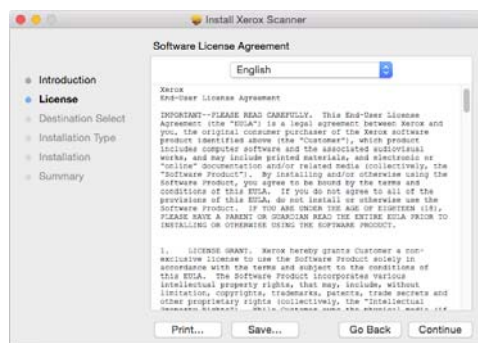
Installing the Scanner Driver

The scanner driver installation will start first.

1. Click **Continue**.

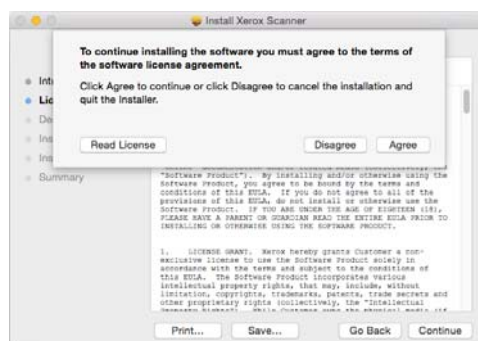


2. On the Xerox License Agreement window, read the license agreement. Click **Continue**.

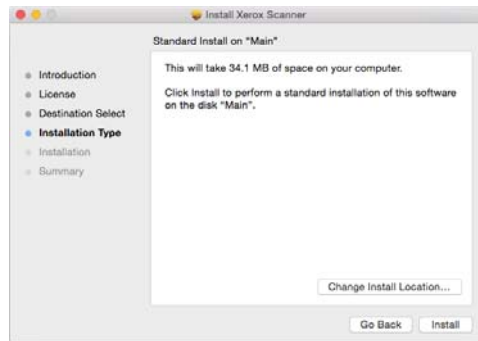


3. If you accept the terms, select **Agree** and continue with the installation.

If you choose not to accept the license agreement, close the installation window. The scanner driver will not be installed.



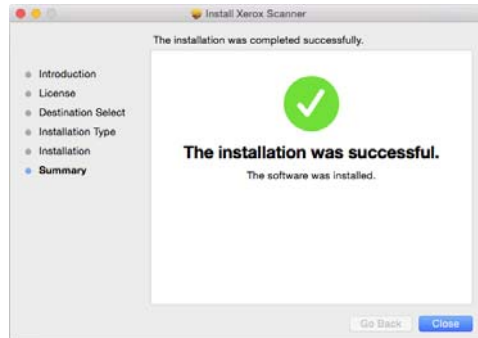
- Depending on your system configuration, you may be prompted to choose a location for the installation. We recommend that you select the main disc drive and click **Install**.



- If you are prompted for a password, input the name and password for a user that has permission to install software on your computer.



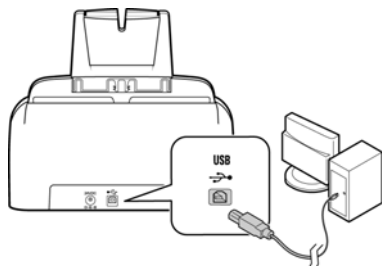
- Click **Close** on the installation complete window.
You can now connect the scanner to your computer.



Technical Note: the Installation Complete screen may be blank when installing on OS X (10.9). Please close the empty screen and proceed with connecting the scanner to the computer.

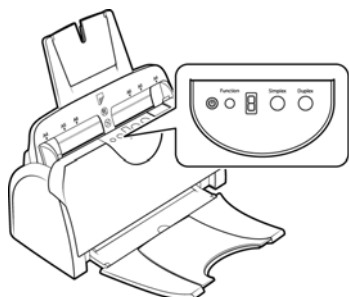
Connect the USB Cable and Turn on the Power

1. Remove any tape from the USB cable.
2. Plug the USB cable into the USB port on the scanner then into a USB port on the computer. Check your computer's manual for USB port locations.



If the plug does not attach easily, make sure that you are plugging it in correctly. Do not force the plug into either connection.

3. Turn on the scanner power.



Install the Visioneer Scan Utility

The **Visioneer Scan Utility** software installation will start automatically after you click **Close** on the driver Installation Complete window. Follow the instructions on the screen to install the application.

Software	About the Software
Visioneer Scan Utility	This utility uses the scanner's TWAIN interface for scanning. You can select a destination folder on your computer and save the image as any one of several popular image file formats (BMP, JPG, GIF, TIF, Multi-Page TIF, PDF, Multi-Page PDF).

Installing Additional Applications

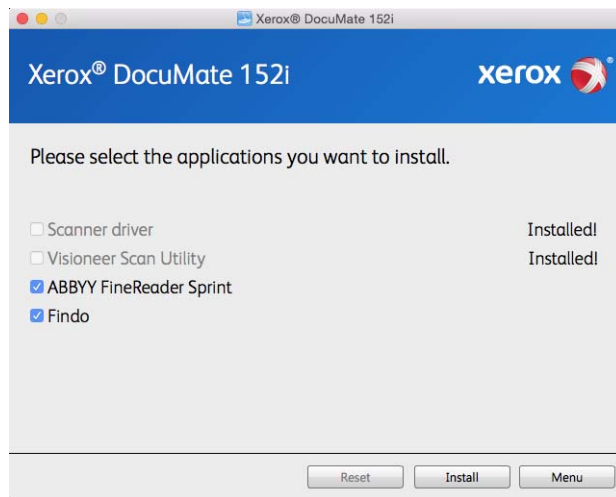
Your scanner includes free, additional applications as described in the table below.

1. Return to the disc's Main menu and click **Install software**.
2. If a version of the software is already installed on the system, the option will be greyed out. However, if there is a newer version available on the disc or online, it will be possible to upgrade by selecting the appropriate button option.

3. If the software on the disc is up to date then the software will be installed from the DVD. However, if there are newer versions of the software available online, the **Web** button will be shown and selected by default.

Select the desired location to install the software from.

4. If any of the Web buttons have been selected, the software will have to first be downloaded by clicking **Download Now**.
5. Once all software has been downloaded, click **Install now**.



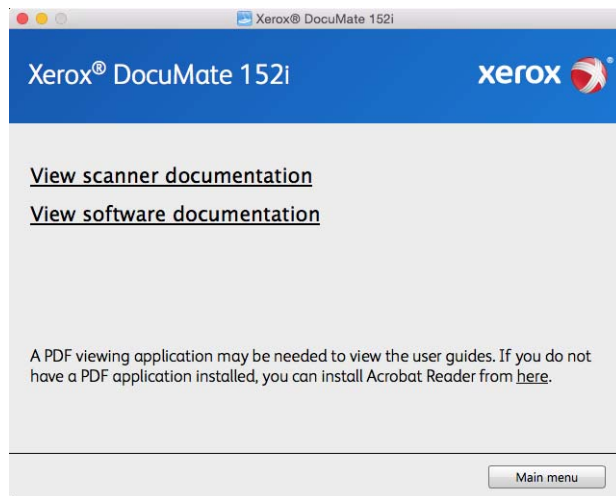
Note: The software provided with your scanner may differ slightly from the list shown in the window.

6. Follow the instructions on the screen to install each of the additional applications.

Software	About the Software
ABBYY FineReader Sprint	Software that makes it easy to scan paper documents, using your Multifunction Printer or scanner, and convert them into editable formats including Microsoft® Word and Excel®. Highly accurate, FineReader eliminates the need to retype or reformat documents — while also improving the overall quality of your scans. You can see more information about this application at www.abby.com
Findo	Findo solves a fundamental problem. You know that file exists, but can't find it. Findo is an intelligent search assistant that finds important information by searching through email, folders and files based on a description. Once a document is scanned, you will be able to find it whether you saved it to a hard drive, sent it via email or uploaded it to another storage location. You can see more information about this application at www.findo.com

View the User Guides

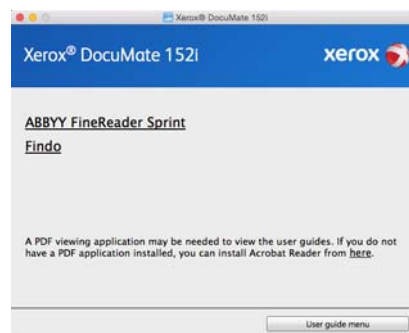
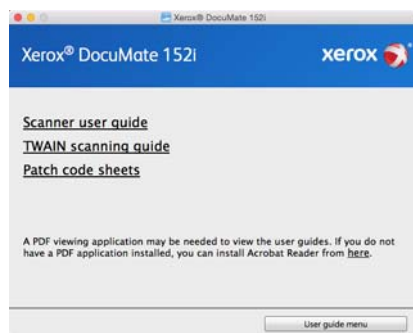
1. Return to the disc's Main menu and click on **View user guides**.



2. Click on **View scanner documentation** to access the scanner user guide and scanning guides for TWAIN.
 - **Scanner user guide**—Instructions for scanner setup, installation, operation, maintenance, safety, and warranty
 - **TWAIN scanning guide**—Instructions for accessing and scanning using the TWAIN interface

Click on **View software documentation** to access the user guides for the software applications provided with the scanner.

From either of these user guide windows, click on the **User guide menu** button to return to the main user guide window, then select the other documentation section to view the user guides.



3. Click the links of the guides you want to view.
4. When you're finished, click **Main menu** to return to the Main menu window and click **Exit**.
5. Remove the installation disc and store it in a safe place.

Register Your Scanner

Registering your scanner is important as it provides you with access to our free telephone support service. Registration also gives you free access to software updates for your scanner.

You will need an active internet connection to register your scanner. If you do not have internet access you can contact our customer service department to register the scanner. Please refer to the Technical Support Card, that you received with the scanner, for our customer service contact information.

1. Open Safari or any other Internet browser you have installed on your computer.
2. In the web address field type www.xeroxscanners.com.
3. Press Enter on your computer's keyboard or click the option on screen to go to the web address.
4. When the Xerox® scanners web page loads click on **Register Your Product**.
5. Fill in the registration form, all required fields have an asterisk (*).
A valid email address is required for registration.
6. You will be asked to enter the serial number for the scanner, it is located on the back or underside of the scanner.
7. After filling in the form, click on **Submit Your Registration** to complete the registration.

Loading Documents to Scan

Always remove any staples or paper clips from documents before inserting them into the scanner. Staples and paper clips can jam the feed mechanism and scratch the internal components. Also remove any labels, stickers, or Post-It™ notes that may come off during the scanning process and get stuck in the scanner. Misuse as described here will void your scanner's warranty.



Supported Document Types

You can scan the following types of documents with this scanner.

- Maximum amount of paper in the input tray:
 - Approximately 50 pages of 20 lb (75–80 g/m²) new printer paper
- Document size:
 - Minimum size (width x length) – 2.5 x 2 inches (64 x 51 mm)
 - Maximum size (width x length) – 8.5 x 14 inches (216 x 356 mm)
 - Maximum length with long document enabled
 - 118 inches (2997 mm) at 100–300 dpi
 - 38 inches (965 mm) at 400–600 dpi

We recommend scanning one page at a time when the documents you are scanning are longer than 14 inches (356 mm).

- Mixed document stacks
 - Scanner minimum to maximum without long document enabled

Arrange the documents so that all items are centered in the stack. The document sensor, paper separation, and feed rollers are located in the middle of the paper path. If smaller items are offset from the center they will not be detected. This will cause feeding issues and paper jams.
- Paper thickness between 16–28 lb paper (60–105 g/m²)

Documents to Avoid Scanning

The documents in this list can be scanned, but please note that scanning documents of this type will reduce the life of the scanner. Maintenance will be required more often and replaceable parts will wear faster. These types of documents will jam more frequently and damage to the original documents may occur. If you do choose to scan these document types, do not scan large batches. This type of use is not covered under the scanner warranty and alters replacement parts life expectancy.

We recommend you limit the amount or completely avoid scanning documents that are in this list.

- Curled, wrinkled or folded documents may cause paper jams or multiple pages being fed through the scanner at one time.
- Perforated or punched paper that could tear when the separation roller engages.
- Coated paper or photographs where the coating can flake off during scanning and leave residue in the scanner.
- Extremely smooth, shiny, or highly textured paper may cause the paper feed rollers to slip across the page and cause the scanner to report a paper jam.
- Carbonless copy paper may tear while being fed through the scanner and the pressure of the rollers may leave streaks on the page. The chemical coating on this paper will rub off on the rollers during the scan process, increasing the frequency of miss-feeds and paper jams.
- Partially transparent paper such as tracing paper as any images from the opposite side of the page or black background will appear in the scanned images.

Unsupported Document Types

Do not scan the following types of documents as they may cause damage to the scanner.

- Items outside of the specified supported sizes, thickness, and weight defined in this document.
- Non-rectangular or irregularly shaped paper will cause the scanner to detect and report document skew errors or paper jams.
- Carbon paper that will leave residue in the scanner and on the rollers that will transfer to the next set of documents scanned.
- Documents with hard items attached such as paper clips, binder clips, and staples.
- Documents with wet ink or white-out.
- Thermal or photosensitive paper.
- Overhead projector sheets, plastic film, camera film, and any other type of transparent or partially transparent plastic item.
- Documents that have been glued together.
- Cloth or metallic sheets.

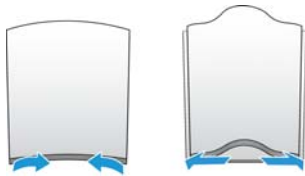
Scanning from the Automatic Document Feeder (ADF)

Preparing Documents for Scanning

- Fan the documents to make sure all pages in the stack are separated.



- Bend and then flatten the document stack to make sure the horizontal edges are aligned to help prevent paper from skewing while being pulled through the scanner.

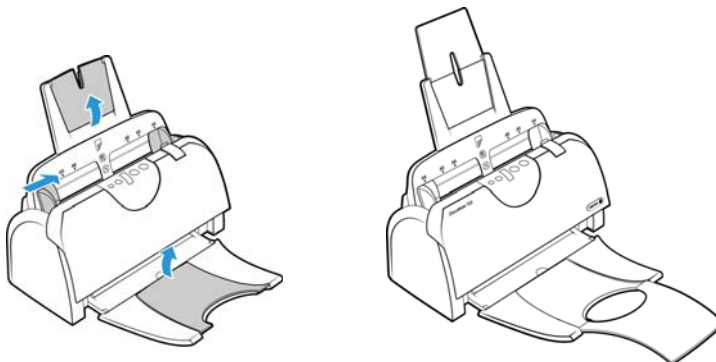


- Pinch the ends to align the leading edges slantwise to help prevent multiple pages from being fed through at a single time.

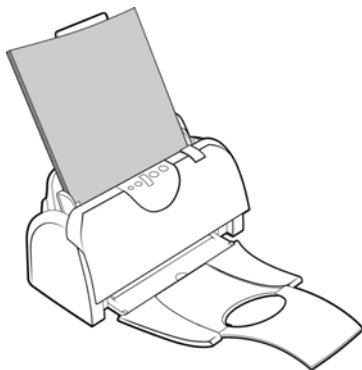


Loading Documents

1. Adjust the paper guide for the width of paper, and make sure the input and output trays are fully extended.



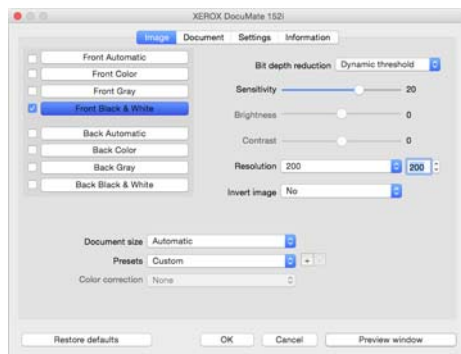
2. Load the documents *face down* with their tops into the Automatic Document Feeder.



Scanning Interfaces

Every scanning application will access the scanner using a different method. Please refer to the application's user guide for instructions on using the application and accessing the scanner.

- **TWAIN Interface**—TWAIN is a widely recognized standard that computers use to receive images from scanners and digital cameras. The TWAIN scanning interface can be accessed from any TWAIN scanning application you have installed on the computer.



- **ICA Interface**—the ICA driver has been developed to enable image transfer from devices using standard Mac applications, such as Image Capture, without the need to install additional scanning software.



Maintenance

This section contains information about maintenance, troubleshooting, uninstalling, scanner specifications, and spare parts.

Safety Precautions

When servicing the scanner you should take the following precautions to ensure your safety and prevent damage to the scanner.

Do These

- Wear protective gloves when cleaning the scanner with Isopropyl rubbing alcohol. Rubbing alcohol may irritate sensitive skin.
- Only perform scanner maintenance as described in this chapter.
- Keep the scanner and cleaning supplies away from any open flame or heat source as any form of alcohol is flammable.
- Always read the instructions in each section carefully, the instructions are specific to the part you are installing or servicing.
- Move the scanner to an area that has adequate room for opening the scanner.
- If your scanner has a power cord and/or power switch, always turn off the scanner and unplug the power cord before performing maintenance, unless the maintenance instructions below specifically state to leave the scanner plugged in and powered on.
- Always unplug the USB cable from the scanner before performing maintenance, unless the maintenance instructions below specifically state to leave the scanner plugged in.
- Wear an anti-static strap to prevent electrostatic discharge when touching metal components.
- Keep all cleaning supplies, scanner parts and accessories out of the reach of children.

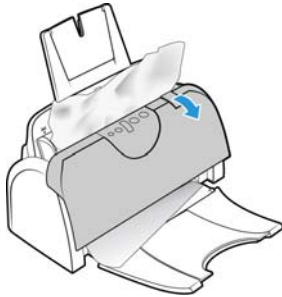
Do Not Do These

- Never attempt installation of any part not described in this manual.
- Never service the scanner near a radiator or any other heat source.
- Never use aerosol sprays or compressed air, or attempt to lubricate parts with an oil or silicon spray.
- Never service the scanner in an area where there are open liquid containers.
- Never pour or spill liquid on the scanner or any of its components.

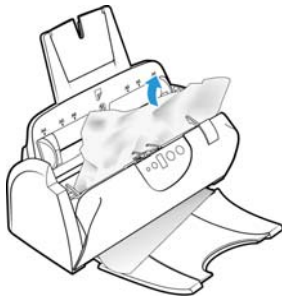
Clearing Paper Jams

If your scanner stops scanning due to a paper jam in the Automatic Document Feeder, a warning opens after a few moments.

1. Open the Automatic Document Feeder cover.



2. Remove the jammed paper and close the cover.



To reduce the number of paper jams, smooth and straighten the paper before scanning, adjust the guides to the paper size, and insert the paper evenly into the ADF.

Cleaning the Scanner

Regular maintenance of your scanner can help to ensure continual optimal performance.

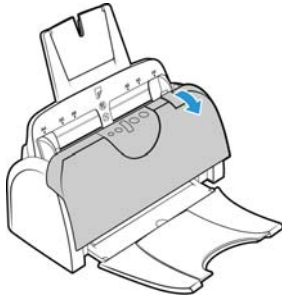
Using a soft, lint-free cloth, wipe down all plastic surfaces on the scanner.

Cleaning the inside of the scanner helps to keep your scanner operating at optimum performance. You should clean the inside of the scanner at least once a week or after 1,000 pages have been scanned. If you are getting frequent paper jams, multiple pages feeding at the same time, or you're seeing lines in the scanned image, it is time to clean the scanner.

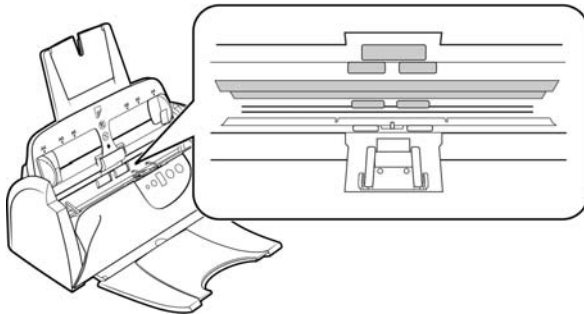
Note: Be careful when cleaning the rollers. All of the rollers, except the free rollers, are designed to rotate in one direction only. Do not force the roller to rotate in the opposite direction. Forcing the roller to rotate will damage it, and cause the scanner to feed pages incorrectly.

1. Wet a soft cloth with some Isopropyl rubbing alcohol (70%).

2. Open the Automatic Document Feeder cover.

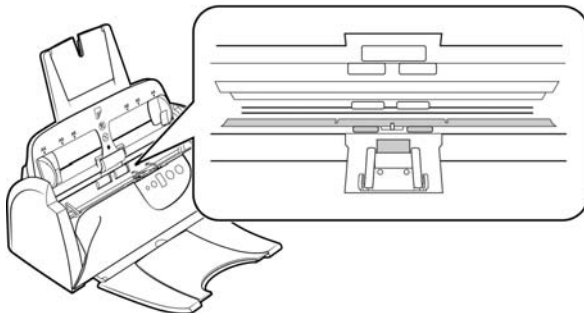


3. Wipe clean the feed rollers and scanner glass in the scanner body.

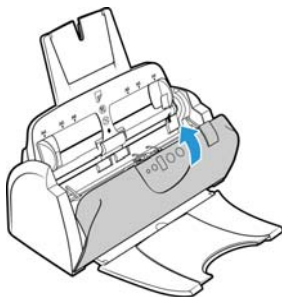


4. Wipe clean the rollers, ADF pad, and background strip in the under side of the ADF door.

Be careful not to snag the cloth on the spring arms of the ADF pad. Also use care when cleaning the plastic background strip. If the strip is bent or torn, it will block paper from feeding properly through the scanner and affect image cropping.



5. Close the scanner when you're finished.



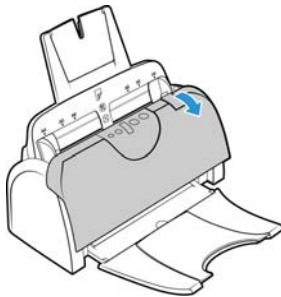
Replacing the ADF Pad Assembly

Problems with documents feeding into the ADF is an indication that the pad is wearing thin. The ADF pad can be used to scan up to 20,000 pages. The usage life of the ADF pad varies by what type of documents are generally scanned. Scanning large batches of heavily textured paper will cause the ADF pad to wear faster. Large continuous batch scanning will also cause the ADF pad to wear faster.

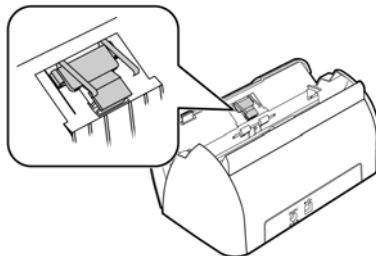
You received a replacement pad in the original scanner box, you can also order a new one. Replacement parts can be purchased from the Parts & Accessories page for your scanner at www.xeroxscanners.com.



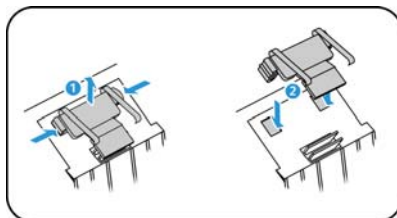
1. Open the Automatic Document Feeder cover.



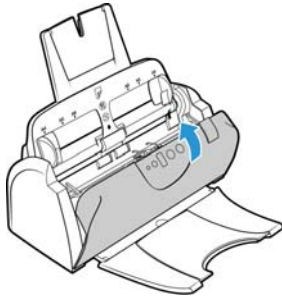
2. The ADF pad is located behind the scanner buttons.



3. Squeeze the plastic clamps that hold the pad assembly in place and lift the pad up and out. Reverse the procedure to replace the pad.



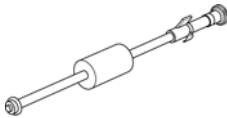
4. Close the scanner when you're finished.



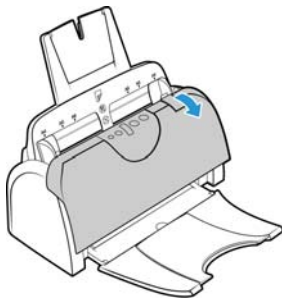
Replacing the Roller Assembly

The roller will wear out and is designed to be a user-replaceable part. A worn roller can cause documents to feed in skewed at an angle, or multiple pages to feed at the same time. Before replacing the roller you should clean it as excessive dust on the roller will make it appear worn and smooth. You cannot properly diagnose a worn roller until you have cleaned it. You should generally replace the roller every 160,000 to 200,000 scans.

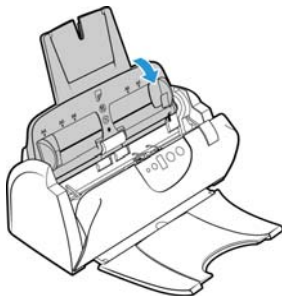
Replacement parts can be purchased from the Parts & Accessories page for your scanner at www.xeroxscanners.com.



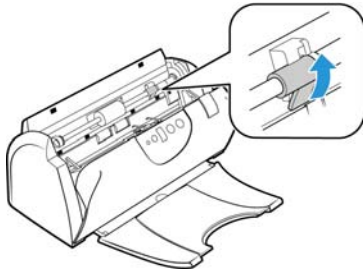
1. Open the Automatic Document Feeder cover.



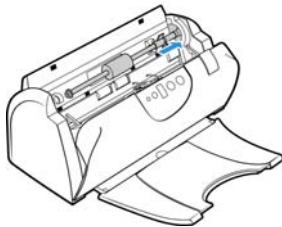
2. Take out the paper input tray. The roller is located in the body of the scanner behind the input tray.



3. The roller is held in place with a lock tab that rotates to lock and unlock it. To unlock the tab, rotate it until the small lock flange is completely free.

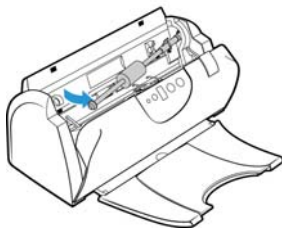


4. Gently press the roller to the right to free its left side.

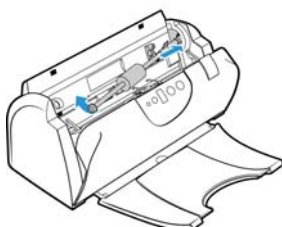


5. Then angle the roller to the front of the scanner until it is clear of the housing, and bring it out and away from the scanner body.

Remove the roller from the scanner and discard it, it cannot be repaired.

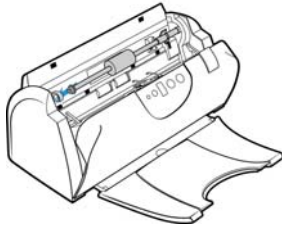


6. Before installing the new roller, clean any dust that may have gotten on it during shipping.
7. Insert the right end of the roller into its housing socket. Make sure the lock tab is facing up and the lock flange is not obstructed. Swing the roller into the scanner and align the left side with its mount.



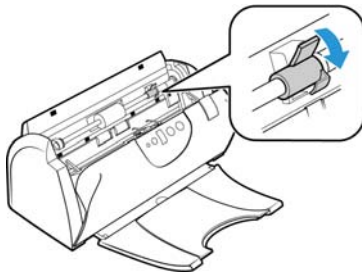
8. Gently slide the roller to the left to fit its left end into its mount. Make sure the left end of the roller is firmly seated into its mount.

If the gears on the end of the roller do not engage easily, slightly rotate the roller while gently pressing it into the housing until you feel them engage.

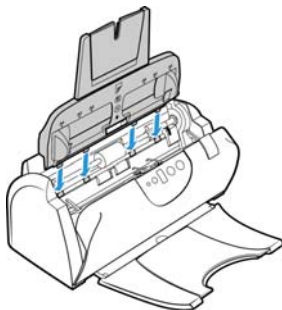


9. When you are certain that the gears are engaged, rotate the lock tab into the scanner. Press down on the lock flange to lock the roller into the scanner.

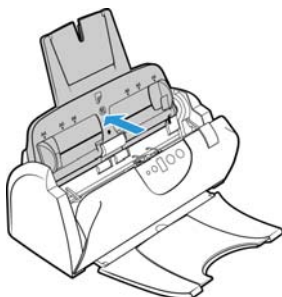
The lock will “click” into place when it is secure. However, if it does not rotate easily into the housing, make sure the flange is properly seated in its latch.



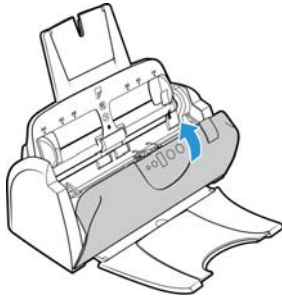
10. Insert the scanner's input tray back into the slots in the scanner body.



11. Push the tray back until it is fully seated into position.



12. Close the scanner when you're finished.



Troubleshooting

Problem: The scanner won't scan. What's wrong?

Check for one of these possible causes:

- **Are the cables loose or not plugged in securely?** Inspect the cable connections. Make sure the cables are plugged in securely.
- **Is the scanner's status light on?** Turn on the scanner's power. If the status light doesn't come on, plug the power supply into another electrical outlet. If you are using a UPS battery back-up or power strip, try plugging the scanner directly to a wall outlet.
- **Did you restart the computer and scanner?** If the scanner gets a paper jam, or loses connection because of an error, try restarting your computer and power cycling the scanner.
- **Did you plug the scanner into a USB hub?** If you're using a USB hub to connect the scanner try plugging the scanner's USB cable directly to the back of the computer. It is not recommended that you use the scanner with a USB hub, if you are using a hub, the hub must have its own power supply.
- **Is the USB cable 6' or less?** If you are using a USB cable that is longer than 6' you may lose connection to the scanner. The recommended USB cable length is 6' or less, the USB cable provided with your scanner is within this range.
- **Did you select another image source in the scanning software?** If you use multiple imaging devices with your computer, such as a camera, all-in-one printer, or another scanner, you may have selected another source for images. Make sure Xerox® DocuMate® 152i is selected as the scanner.

Problem: My computer keeps giving me out of hard drive space error messages.

The minimum requirement of free hard drive space is for the installation of the driver and basic, low resolution, scanning. High resolution scans result in files that can be over 1 gigabyte in size. Free up some space on your hard drive for the software to be able to save the scanned images.

Problem: With AutoCrop to Original selected, sometimes I get blank pages, or pages with lines.

The pages were probably scanned in crooked, or skewed. To use AutoCrop to Original, the pages must be scanned in straight. Adjust the paper guides on the scanner so pages feed in straight.

Problem: The paper jams the ADF.

To reduce the number of paper jams, smooth and straighten the paper before scanning, and adjust the guides to the paper size. Paper fed into the ADF at an angle can cause the feed mechanism to jam. If paper jams are occurring more frequently, try cleaning the roller with a soft cloth dampened with Isopropyl rubbing alcohol. Excessive dust on the roller can make it appear worn and will cause issues feeding paper. See “Cleaning the Scanner” on page 22 for cleaning instructions.

Problem: The ADF won't feed pages properly.

A dirty or worn ADF pad assembly or dirt on the roller can cause documents to feed in skewed at an angle, or multiple pages to feed at the same time. Try cleaning the roller first. See “Cleaning the Scanner” on page 22. If that doesn't solve the problem, the pad assembly may need to be replaced. It is user replaceable. See “Replacing the ADF Pad Assembly” on page 24 for the steps to replace the pad.

Problem: If the USB cable is disconnected during a scan, the scanner does not reconnect when the USB cable is plugged back in.

Unplug the power cable from the scanner, and then plug it back in.

If the scanner does not reconnect:

1. Unplug the power cable from the scanner.
2. Restart your computer.
3. After the restart is complete, plug the power cable back in.

Problem: The scans from the input tray are always crooked.

Make sure to align the paper guides to the edges of the paper.

Error Light Troubleshooting Codes

Normal Operation

- **Steady blue:** indicates the scanner is ready to scan.
- **Slow flashing blue:** indicates the scanner is in low power mode.
- **Rapid flashing blue:** indicates the scanner is waking up from low power mode.
- **Steady red:** the scanner is busy.
- **Flashing red:** the scanner is reporting an error.

Error Codes

The status light indicates the current state of the scanner. If your scanner experiences hardware problems, the status light turns red and will flash a specific number of times, pause, and then repeat the same number of flashes. The number of flashes between pauses indicates the hardware error code. The LED display will also flash an “E” then the error code number that matches the status light's blinking pattern.

Descriptions of the most common patterns are listed below. In all cases, you should turn off the scanner and check the scanner setup. Make sure the USB cable is plugged into the scanner and computer. Make sure the power cord is plugged into the scanner and into a wall outlet. Contact Xerox Technical Support if you experience a different blinking pattern.

Error Code	Problem Description	Solution
0	Scanner is not connected to the computer. (The LED does not flash “E” and the status light remains blue.)	A cable may be loose. Check that the scanner’s cables are correctly attached to the computer. If you are using a USB cable that is longer than 6’ you may lose connection to the scanner. The recommended USB cable length is 6’ or less, the USB cable provided with your scanner is within this range. If the scanner still does not connect, re-boot the computer.
4	Paper jam or The paper input tray is not fully seated into the scanner casing.	Open the ADF cover and remove the jammed page. See “Clearing Paper Jams” on page 22. or Open the scanner and take off the input tray. Place the input tray back into the scanner and press it back until it snaps into place.
6	The scanner’s cover is open. or The paper input tray is not fully seated into the scanner casing.	The ADF door is not closed all the way. Open the scanner then close it again. Push down on the lid until it locks into place. or Open the scanner and take off the input tray. Place the input tray back into the scanner and press it back until it snaps into place.
8	The lamp in the scanner body or lid has malfunctioned.	This usually occurs if the power was disconnected during a scan. Turn the scanner off, then back on again. If the problem persists, turn off the scanner, re-start the computer, then turn the scanner on. If the problem continues, and your scanner’s power is plugged into a surge protector or UPS battery backup, try plugging the scanner power directly into a wall outlet.
All Other Codes	An internal part in the scanner may have malfunctioned.	Turn off the power to your scanner, then turn it back on. If the problem persists, re-boot your computer. If the problem still persists, contact Xerox Technical Support.

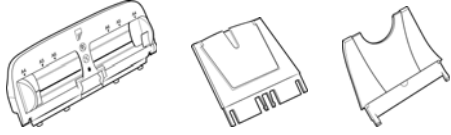



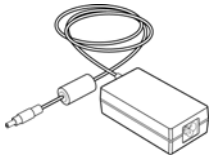
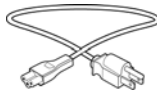
Xerox® DocuMate 152i Specifications

Scanner Specifications	
Document Requirements	
Minimum Item Size	2.5 x 2 inches (64 x 51 mm)
Maximum Item Size	8.5 x 118 inches (216 x 2997 mm) at 100–300 dpi 8.5 x 38 inches (216 x 965 mm) at 400–600 dpi
Capacity	50 pages of 20lb printer paper (75–80 g/m ²)
Paper Thickness	16–28 lbs. (60–105 g/m ²)
Plastic Card	Not supported

Scanner Specifications	
General Specifications	
Scanning Speeds	25 pages / 50 images per minute @ 200 dpi (A4 (Portrait))
Optical Resolution	600 dpi
Output Bit Depth	24-bit color, 8-bit grayscale, 1-bit bitonal (black & white)
Scan Method	Duplex Automatic Document Feeder (ADF)
Image Sensor	CCD (Charge-Coupled Device)
Light Source	White LED lamp
Interface	Hi-Speed USB 2.0, compatible with USB 1.1
Certifications	UL, C-UL, FCC Class B, CE, CB, EAC(CU), USB-IF, WEEE, RoHS, ENERGY STAR
Operating Temperature	50° ~ 95° F (10° ~ 35° C without condensation)
Relative Humidity	10% ~ 85% (@25° C without condensation)
Scanner Dimensions (body only)	
Width	12 inches (305 mm)
Depth	6.2 inches (157 mm)
Height	5.7 inches (144 mm)
Weight	5.7 pounds (2.58 kg)
Scanner Dimensions (with trays)	
Width	12 inches (305 mm)
Depth	17.6 inches (446 mm)
Height	12.9 inches (328 mm)
Weight	6.3 pounds (2.88 kg)
Power Information	
Power Supply	APD (DA-24C24) DC Jack, 3P, 100~240Vac, 24Vdc, 1A, 24W, Class 1, with core, ENERGY STAR, RoHS
Scanner Rating	24Vdc, 1.0A
Power consumption	≤ 24 Watts (during operation) ≤ 10 Watts (on standby) ≤ 2.9 Watts (power save after 15 minutes without scanning) ≤ 0.5 Watt (power off)
Cable Information	
AC Power Cord	US(UL/CSA)—3P, 7A/125V, L=1800mm, Longwell (PH8BIEDJF0A-05B), RoHS UK(BSI/PSB)—3P, 3A/250V, L=1800mm, Longwell (PG8B9X3JG0A-05B), RoHS EUR(CEE)—2P+G, 16A/250V, L=1800mm, Longwell (PG8B9CIJG0A-05B), RoHS
USB cable	USB A(M)/B(M), 4P, L=1850mm, UL2725#28AWG, Longwell (CA1004020233510), TID: 60000071, W/Core, RoHS compliant

Scanner Specifications	
Software Information	
Supported Operating Systems	Apple® Mac OS X®
Scanner Drivers	TWAIN, ICA
Bundled Software	Visioneer® Scan Utility ABBY® FineReader® Sprint Findo®

Xerox® DocuMate 152i Parts List

Part Name	Part Number	
Tray kit <ul style="list-style-type: none"> Input Tray Input Tray Extension Output Tray 	70-0503-000 <ul style="list-style-type: none"> 57-0112-000 57-0116-000 57-0108-000 	
ADF Pad	57-0111-000	
Roller	57-0113-000	
USB Cable	35-0118-000	
Power Supply	37-0093-000	
AC Power Cord	35-0103-000 (US) 35-0104-000 (EUR) 35-0105-000 (UK)	

Appendix A: Regulatory Information

Basic Regulations

United States (FCC Regulations)

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 instruction manual, 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.

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.

Changes and modifications to this equipment not specifically approved by Xerox may void the user's authority to operate this equipment.

Shielded cables must be used with this equipment to maintain compliance with FCC regulations.

European Union

The CE mark applied to this product, symbolizes our declaration of conformity with the following applicable European Union Directives, as of the dates indicated:



December 12, 2006:	Council Directive 2006/95/EC as amended. Approximation of the laws of the member states related to low voltage equipment.
December 31, 2004:	Council Directive 2004/108/EC as amended. Approximation of the laws of the member states related to electromagnetic compatibility.

This machine is certified as Class 1 LED product. This means that this machine does not produce hazardous laser radiation.

A full declaration of conformity, defining the relevant directives and referenced standards, can be obtained from your Xerox Limited representative or by contacting:

Environment, Health and Safety
The Document Company Xerox
Bessemer Road
Welwyn Garden City
Herts
AL7 1HE
England, Telephone +44 (0) 1707 353434

Turkey (RoHS Regulation)

In compliance with Article 7 (d) We hereby certify “It is in compliance with the EEE Regulation”.

(“EEE yönetmeliğine uygundur”)

Copy Regulations

United States

Congress, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fine or imprisonment may be imposed on those guilty of making such reproductions.

1. Obligations or Securities of the United States Government, such as:

Certificates of Indebtedness	National Bank Currency	Coupons from Bonds
Federal Reserve Bank Notes	Silver Certificates	Gold Certificates
United States Bonds	Treasury Notes	Federal Reserve Notes
Fractional Notes	Certificates of Deposit	Paper Money

Bonds and Obligations of certain agencies of the government, such as FHA, etc.

Bonds. (U.S. Savings Bonds may be photographed only for publicity purposes in connection with the campaign for the sale of such bonds.)

Internal Revenue Stamps. (If it is necessary to reproduce a legal document on which there is a canceled revenue stamp, this may be done provided the reproduction of the document is performed for lawful purposes.)

Postage Stamps, canceled or uncanceled. (For philatelic purposes, Postage Stamps may be photographed, provided the reproduction is in black and white and is less than 75 % or more than 150 % of the linear dimensions of the original.)

Postal Money Orders.

Bills, Checks, or Drafts of money drawn by or upon authorized officers of the United States.

Stamps and other representatives of value, of whatever denomination, which have been or may be issued under any Act of Congress.

2. Adjusted Compensation Certificates for Veterans of the World Wars.
3. Obligations or Securities of any Foreign Government, Bank, or Corporation.
4. Copyrighted material, unless permission of the copyright owner has been obtained or the reproduction falls within the "fair use" or library reproduction rights provisions of the copyright law. Further information of these provisions may be obtained from the Copyright Office, Library of Congress, Washington, D.C. 20559. Ask for Circular R21.
5. Certificates of Citizenship or Naturalization. (Foreign Naturalization Certificates may be photographed.)
6. Passports. (Foreign Passports may be photographed.)
7. Immigration Papers.
8. Draft Registration Cards.
9. Selective Service Induction Papers that bear any of the following Registrant's information:

Earnings or Income	Dependency Status	Court Record
Previous military service	Physical or mental condition	

Exception: U. S. Army and Navy discharge certificates may be photographed.

10. Badges, Identification Cards, Passes, or Insignia carried by military personnel, or by members of the various Federal Departments, such as FBI, Treasury, etc. (unless photograph is ordered by the head of such department or bureau.)
11. Reproducing the following is also prohibited in certain states: Automobile Licenses — Drivers' Licenses — Automobile Certificates of Title.

The above list is not all inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your attorney.

Canada

Parliament, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fines or imprisonment may be imposed on those guilty of making such copies.

1. Current bank notes or current paper money.
2. Obligations or securities of a government or bank.
3. Exchequer bill paper or revenue paper.
4. The public seal of Canada or of a province, or the seal of a public body or authority in Canada, or of a court of law.
5. Proclamations, orders, regulations or appointments, or notices thereof (with intent to falsely cause same to purport to have been printed by the Queen's Printer for Canada, or the equivalent printer for a province).
6. Marks, brands, seals, wrappers or designs used by or on behalf of the Government of Canada or of a province, the government of a state other than Canada or a department, board, Commission or agency established by the Government of Canada or of a province or of a government of a state other than Canada.
7. Impressed or adhesive stamps used for the purpose of revenue by the Government of Canada or of a province or by the government of a state other than Canada.
8. Documents, registers or records kept by public officials charged with the duty of making or issuing certified copies thereof, where the reproduction falsely purports to be a certified copy thereof.
9. Copyrighted material or trademarks of any manner or kind without the consent of the copyright or trademark owner.

The above list is provided for your convenience and assistance, but it is not all inclusive, and no liability is assumed for its completeness or accuracy. In case of doubt, consult your solicitor.

Other Countries

Copying certain documents may be illegal in your country. Penalties of fine or imprisonment may be imposed on those found guilty of making such reproductions.

- Currency notes
- Bank notes and cheques
- Bank and government bonds and securities
- Passports and identification cards
- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

Note: this list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

Appendix B: Compliance Information

Product Recycling & Disposal

USA & Canada

If you are managing the disposal of your Xerox® product, please note that the product may contain lead, mercury, Perchlorate, and other materials whose disposal may be regulated due to environmental considerations. The presence of these materials is fully consistent with global regulations applicable at the time that the product was placed on the market. For recycling and disposal information, contact your local authorities. In the United States, you may also refer to the Electronic Industries Alliance web site: <http://www.eiae.org>.

Perchlorate Material - This product may contain one or more Perchlorate-containing devices, such as batteries. Special handling may apply, please see: <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/>.

European Union

RoHS and WEEE Compliance

This product is compliant with RoHS Regulations of the European Parliament and Council Directive on the Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (2002/95/EC), and with the Waste Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC).

Some equipment may be used in both a domestic/household and a professional/business application.

Professional/Business Environment

Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national procedures. In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be managed within agreed procedures.



ENERGY STAR for the USA

Energy Program Compliance

The Xerox® DocuMate® 152i is ENERGY STAR qualified under the ENERGY STAR Program Requirements for Imaging Equipment.



The ENERGY STAR and ENERGY STAR MARK are registered United States trademarks. The ENERGY STAR Imaging Equipment Program is a team effort between U.S., European Union and Japanese governments and the office equipment industry to promote energy-efficient copiers, printers, fax, multifunction machine, personal computers, and monitors. Reducing product energy consumption helps combat smog, acid rain and long-term changes to the climate by decreasing the emissions that result from generating electricity.

Xerox® equipment is preset at the factory. Your machine will be delivered with the timer for switching to Power Save Mode from the last scan set at 15 minutes.

