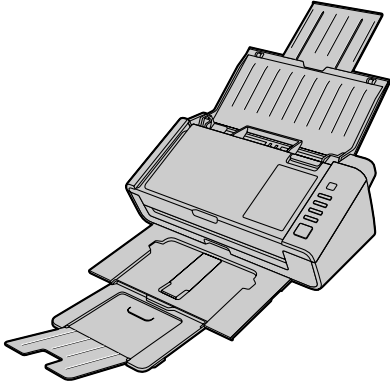


Panasonic[®]

Operating Manual

Document Scanner



Model No. **KV-S1026C**
KV-S1015C

These instructions contain information on operating the scanner. Before reading these instructions, please read the Safety Guide and the Quick Reference Guide enclosed with this unit.

Please carefully read these instructions and the enclosed Safety Guide and Quick Reference Guide. Keep all documentation in a safe place for future reference.

Introduction

Thank you for purchasing a **Panasonic Document Scanner**.

About the documentation

The scanner documentation consists of 3 manuals: the Operating Manual (this manual), the Safety Guide and the Quick Reference Guide.

| | |
|---------------------------------------|---|
| Operating Manual (this manual) | This manual provides all information required to use the unit. |
| Safety Guide | The Safety Guide explains safety precautions and other important information. |
| Quick Reference Guide | The Quick Reference Guide explains the installation of the unit and software. |

About the Software Help

Each software contains help files.

For details about viewing the help files, see "To view the help" (page 26).

Software / Manual DVD-ROM Contents

| | | |
|-------------------------------|---------------------------------------|----------------|
| Drivers | Device Driver | — |
| | TWAIN | — |
| | ISIS | — |
| Applications | Image Capture Plus ^{*1} | — |
| | Presto! PageManager 9 ^{*2*4} | KV-S1015C only |
| | Presto! BizCard 6 ^{*3*4} | KV-S1015C only |
| Utilities | User Utility | — |
| | Scan Button Setting Tool | — |
| Documents^{*5} | Operating Manual | — |
| | Separation Sheet ^{*6} | — |

^{*1} Image Capture Plus is a Panasonic original application for configuring advanced scanning settings. The edition of Image Capture Plus included with KV-S1015C does not support high-compression PDFs or searchable PDFs.

^{*2} Presto! PageManager[®] 9 is an application for scanning, sharing and organizing documents. The edition of Presto! PageManager 9 included with this unit is different to the commercially available one.

^{*3} Presto! BizCard[®] 6 is an application for organizing and managing business cards.

^{*4} Panasonic does not provide technical support / customer service for Presto! PageManager 9 and Presto! BizCard 6. Please contact NewSoft Technology Corporation at:
<http://www.newsoftinc.com/support/tech-supportcontact.php>

^{*5} Each document is a PDF document. To view documents correctly, install Adobe[®] Reader[®].

^{*6} For details about the separation sheet, see "Using Separation Sheets" (page 40).

System Requirements

| | |
|------------------|---|
| Computer | IBM® PC/AT or compatible machine with a DVD-ROM drive |
| CPU | Intel® Core™2 Duo 1.8 GHz or higher |
| Interface | USB 2.0 |

Note

- For details about the system requirements, refer to [Read me first] in the Software / Manual DVD-ROM.
- The above system requirements may not satisfy the requirements of all operating systems.
- The scanning speed differs depending on the host computer's operating environment or the application used.
- Due to the slower speed of USB 1.1, it is recommended to use a USB 2.0 interface.
- If you connect the unit to a USB hub, it is not guaranteed to work.

Abbreviations

- Windows® refers to the Microsoft® Windows® operating system (hereafter Windows).
- Windows® XP refers to the Microsoft® Windows® XP operating system (hereafter Windows XP).
- Windows Vista® refers to the Microsoft® Windows Vista® operating system (hereafter Windows Vista).
- Windows®7 refers to the Microsoft® Windows®7 operating system (hereafter Windows 7).
- The explanations and screen shots in this manual are based on the Windows 7 operating system.
- The screen shots used in this manual may differ from the screens displayed on your computer.
- The contents and design of the software are subject to change without notice.
- The illustrations in this manual are based on the KV-S1026C.

Trademarks

- Microsoft, Windows, Windows Vista, and Internet Explorer are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- ISIS is a registered trademark or trademark of EMC Corporation in the United States and other countries.
- IBM is a trademark of International Business Machines Corporation in the United States, other countries, or both.
- Intel and Intel Core are trademarks of Intel Corporation in the U.S. and other countries.
- Adobe and Adobe Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- Presto! PageManager and Presto! BizCard are either registered trademarks or trademarks of NewSoft Technology Corporation in the United States and/or other countries.
- All other trademarks identified herein are the property of their respective owners.

About Consumables and Optional Accessories

Consumables and optional accessories available for this unit are as follows:

- Consumables
 - Roller exchange kit (Part No.: KV-SS058) for the KV-S1026C
 - Roller exchange kit (Part No.: KV-SS059) for the KV-S1015C
- Optional Accessories
 - Roller cleaning paper (Part No.: KV-SS03)

For details, see "Replacement Parts and Optional Units" (page 52).

International ENERGY STAR Program [For United States, Canada, and EU only]



As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Federal Communications Commission Requirements (For United States only)

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 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.
- The user may find the booklet "Something About Interference" available from FCC local regional offices helpful.

FCC Warning: To assure continued FCC emission limit compliance, the user must use the recommended shielded interfacing cable when connecting to a host computer. Also, any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

FCC Declaration of Conformity

| | |
|--------------------|---|
| Trade Name: | Panasonic |
| Model Number: | KV-S1026C KV-S1015C |
| Responsible Party: | Panasonic Corporation of North America One Panasonic Way Secaucus, NJ 07094 U.S.A. Telephone No.: 1-800-726-2797 |

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.

For FRG Users (For Germany Only)

- Machine noise information regulation - 3.GPSGV, the maximum sound pressure level is 70 dB(A) or less, in conformity with EN ISO 7779.
- This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommuting reflexions at visual display workplaces this device must not be placed in the direct field of view.

For Korean Only

- This unit is residential (Class B) EMC device that is primarily intended to use at home, and are available in all areas.

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For Your Safety

To prevent severe injury and loss of life, read this section carefully before using the unit to ensure proper and safe operation of your unit.

- **This section explains the graphic symbols used in this manual.**

| | | |
|---|----------------|--|
|  | WARNING | Denotes a potential hazard that could result in serious injury or death. |
|  | CAUTION | Denotes hazards that could result in minor injury or damage to the unit. |
|      | | These symbols are used to alert operators to a specific operating procedure that must not be performed. |
|   | | These symbols are used to alert operators to a specific operating procedure that must be emphasized in order to operate the unit safely. |

For Users

WARNING

Power



The power source voltage of this unit is listed on the nameplate. Only plug the unit into an AC outlet with the proper voltage.

If you use a cord with an unspecified current rating, the unit or plug may emit smoke or become hot to the touch.



When you operate this product, the power outlet should be near the product and easily accessible.



Connect the AC adaptor firmly to the power cord, and plug the power cord firmly into an AC outlet. Otherwise, it can cause fire or electric shock.



Do not use a damaged power cord or plug. Use of damaged components can cause electric shock, a short, or fire. Contact your dealer for a replacement.



Do not pull, bend, rest objects on, or chafe the power cord, plug, and AC adaptor. Damage to the power cord or plug can cause fire or electric shock.



Do not attempt to repair the power cord, plug, or AC adaptor. If the power cord or plug is damaged or frayed, contact your dealer for a replacement.



Do not splash water on the unit, the AC adaptor or the power cord, nor get them wet. Doing so can result in fire, electric shock, or injury. If they do get wet, immediately disconnect the AC adaptor and power cord, and contact your dealer.



Ensure that the plug connection is free of dust. In a damp environment, a contaminated connector can draw a significant amount of current that can generate heat, and eventually cause fire if left unattended over an extended period of time.



Never touch the plug or AC adaptor with wet hands.
Danger of electric shock exists.



Stop operation immediately if the unit emits smoke, excessive heat, abnormal smell, or unusual noise. These conditions can cause fire or electric shock. Immediately turn the unit off, and unplug the power cord, and contact your dealer for service.



When disconnecting the unit, grasp the plug instead of the cord. Pulling on a cord forcibly can damage it, and cause fire or electric shock.



The roller cleaning paper may be harmful to sensitive skin. Please use protective gloves.



Do not use the roller cleaning paper near a heater or open flame.

Operating Safeguards



If metallic materials or water gets into the unit, turn the unit off, and unplug the unit immediately. Contact your dealer for service. Operating the contaminated unit can cause fire or electric shock.



Do not open covers, and do not attempt to repair the unit yourself. Contact your dealer for service.



Do not alter the unit or modify any parts. Alteration or modification can cause fire or electric shock.



During thunderstorms, do not touch the unit, plug and AC adaptor. It may cause an electric shock.

Roller Cleaning Paper



Do not drink or inhale the roller cleaning paper fluid including isopropyl alcohol.

CAUTION

Power



The unit should be used only with the power cord and AC adaptor enclosed with the unit.



When the unit is not used over an extended period of time, turn the unit off, and unplug the power cord. If an unused unit is left connected to a power source for a long period, degraded insulation may cause electric shock, current leakage, or fire.

Installation and Relocation



Do not position the unit in a location where it is unstable.



To prevent fire or shock hazard, do not expose this unit to rain or any type of moisture.



Do not place the unit in a hot humid or dusty environment. Prolonged exposure to these adverse conditions may cause fire or electric shock.



When moving the unit, be sure to unplug the power cord from the AC outlet. If the unit is moved with the power cord attached, it can cause damage to the cord which could result in fire or electric shock.



Do not use the exit tray hanging out of a table.



When carrying the unit, do not use the trays as handles.

Operating Safeguards



If the unit falls down or gets damaged, turn the unit off, and unplug the power cord. Otherwise, it may cause fire or electric shock.



Do not place any liquids or heavy items on the unit.

Accidental spillage of liquid into the unit may cause severe damage. If this occurs, turn the unit off, unplug the power cord, and contact your dealer for service.

Safety Information (For United Kingdom only)

This appliance is supplied with a molded three pin mains plug for your safety and convenience.

Should the fuse need to be replaced please ensure that the replacement fuse is of the same rating and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

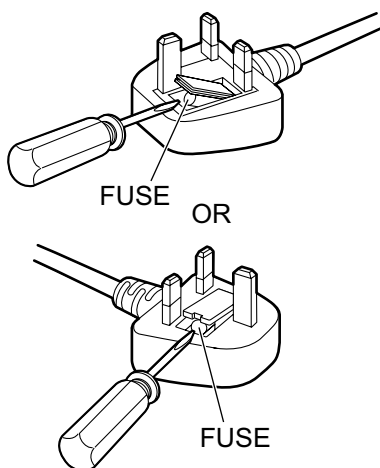
A replacement fuse cover can be purchased from your local Panasonic dealer.

IF THE FITTED MOLDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

How to replace the fuse:

Open the fuse compartment with a screwdriver and replace the fuse (and fuse cover).



Precautions

Installation

- Do not place the unit in direct sunlight, in a cold draft, or near heating apparatus.
- Do not place the unit near apparatus which generate electronic or magnetic noise.
- Protect the unit from static electricity.
- Do not move the unit immediately from a cold place to a warm place. It may cause dew.

DVD-ROM

- Do not write or stick paper on the front and/or back of DVD-ROM.
- Do not touch the data side of the DVD-ROM. When handling the DVD-ROM, be careful not to leave fingerprints or otherwise damage the DVD-ROM.
- Do not leave the DVD-ROM where it is directly exposed to sunlight or near a heater for extended periods.
- Do not throw or bend the DVD-ROM.

Roller Cleaning Paper (sold separately)

- Keep the roller cleaning paper out of reach of small children.
- Do not store the roller cleaning paper in direct sunlight or in a place with a temperature over 40 °C (104 °F).
- Only use the roller cleaning paper to clean the rollers.
- For details about the roller cleaning paper, please refer to the Material Safety Data Sheet (MSDS). Please ask your Panasonic sales company about obtaining the Material Safety Data Sheet.

KEEP AWAY FROM FIRE.

Others

- Make sure to remove paper clips and staples from documents before scanning. Failing to do so can damage the unit, document, or both.
- Do not use thinner, benzine, or cleaners containing abrasives or surfactants, for cleaning the outside of scanner.
- Plug the power cord into an outlet from which you can easily unplug it.

Illegal Duplication

It is unlawful to make duplication of certain documents.

Duplicating certain documents may be illegal in your country/area.

Penalties of fines and/or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to duplicate in your country/area.

- Currency
- Bank notes and checks
- Bank and government bonds, and securities
- Passports, licenses, official or private documents, identification cards, and the like
- Copyright materials, or trademarks without the consent of the owner
- Postage stamps, and other negotiable instruments

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

Notice

Install your machine near a supervised area to prevent illegal duplication from being made.


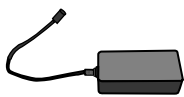


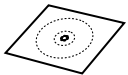




Security Notice

The management of documents and scanned data is the responsibility of the user. In particular, pay attention to the following points.

- Make sure you have the same number of pages for important documents both before and after scanning, and take care not to leave any pages in the scanner.
- Periodically back up important data.
- When having your computer or hard disk serviced, or when disposing of your computer or hard disk, completely erase any stored image data.

Check the Accessories

Check that all accessories are included before installing the unit. In the event that an item is missing, please contact your dealer.

| Accessories | Name | Notes |
|---|---------------------------|---|
|  | Power cord | Two power cords may be included. Use the power cord appropriate for where you use the unit. |
|  | AC adaptor | Panasonic AC adaptor PJSWC0004 / PNLV6507 |
|  | USB cable | — |
|  | Mixed batch card guide | It is pre-installed and fixed to the unit. |
|  | Software / Manual DVD-ROM | Drivers, Applications, Utilities, Documents |
|  | Safety Guide | — |
|  | Quick Reference Guide | The number of Quick Reference Guide may vary depending on the country/area. Please use whichever is appropriate for the country/area. |
|  | Guidance sticker | The number of guidance sticker may vary depending on the country/area. Please use whichever is appropriate for the country/area. |
|  | Correction sticker | When the information written on the guidance sticker (page 15) has been changed, you can attach a new sticker with the changed information. |

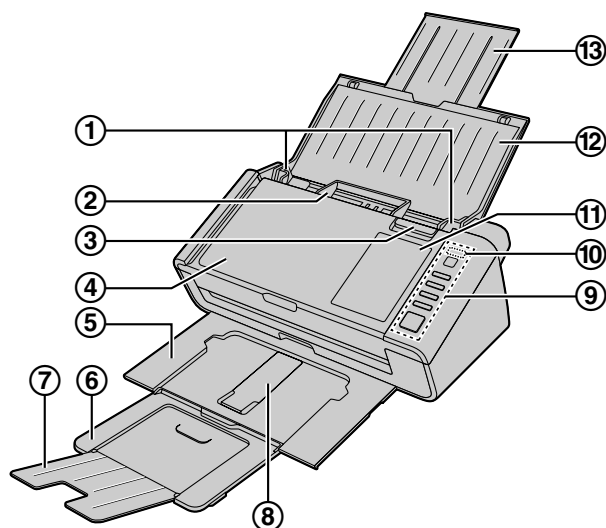
Note



- It is highly recommended to keep the original carton and all packing materials. They are necessary when repacking.
- [For United States only]
Applicable limited warranty information is included on the Software / Manual DVD-ROM.

Location of Controls

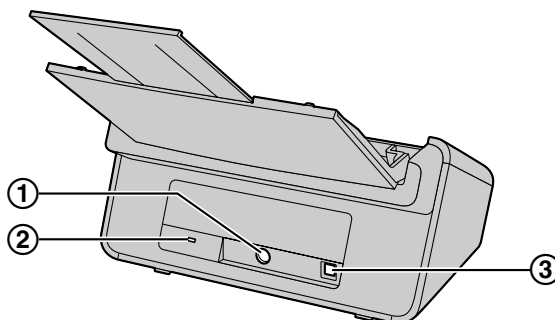
Main Unit

Front



- ① **Document guides**
- ② **Mixed batch card guide**
Useful when scanning business cards (page 37).
- ③ **Door open button**
Used to open the ADF door.
- ④ **ADF door**
- ⑤ **Exit tray**
- ⑥ **Exit extension tray 1**
- ⑦ **Exit extension tray 2**
- ⑧ **Exit support**
Used if paper curls and cannot be fed properly when scanning thin paper (page 35).
- ⑨ **Control Panel**
For details, see "Control Panel and LED Indicators" (page 17).
- ⑩ **LED  (Red) / LED  (Green)**
Shows the unit's status. For details, see "Control Panel and LED Indicators" (page 17).
- ⑪ **Guidance sticker**
You can write the information registered on the single touch scan button here.
- ⑫ **Feed tray**
- ⑬ **Feed extension tray**

Rear



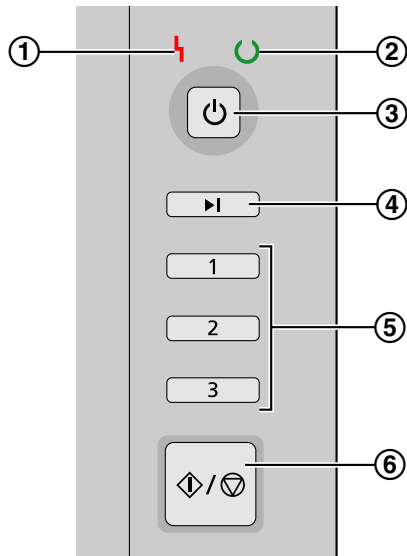
① **Power connector**

② **Security slot**

Use a commercially available security cable.

③ **USB connector**



Control Panel and LED Indicators



- ① **LED ⚡ (Red)**
Turns on when an error occurs.
- ② **LED ⌚ (Green)**
Shows the unit's status.
- ③ **Power button (⏻)**
Press the power button for more than one second to turn the unit off.
- ④ **Skip button (KV-S1026C only)**
If you press this button when a double feed occurs, the document that was detected as a double feed will be scanned, and scanning will continue.
- ⑤ **Single touch scan button 1 to 3**
You can register an application to each button, allowing you to open an application and scan a document. For details about registering applications, see "Single Touch Scan Settings" (page 27).
- ⑥ **Start/Stop button**
 - If you set [Wait Key] for "Manual Feed Mode"^{*1} in your application, pushing this button starts scanning. If the unit is in sleep mode, press the Start/Stop button to return to ready mode first.
 - During scanning, pushing this button stops scanning.
 - If you press this button when a double feed occurs, the document that was detected as a double feed will not be scanned. Scanning will stop.

^{*1} For details on "Manual Feed Mode", refer to the help for Image Capture Plus.

About LED

| ① LED  (Red) | ② LED  (Green) | Status |
|---|---|----------------------------|
| OFF | OFF | Power OFF ^{*1} |
| OFF | ON | Ready or Scanning |
| OFF | Blink (Fast) | Warming up |
| OFF | Blink (Slow) | Sleep |
| OFF | Blink (2 times consecutively) | Double feed detected error |
| ON | OFF | Error |
| Blink (Slow) | ON | Caution |

^{*1} If the automatic power off function in User Utility is enabled, the unit's power will automatically turn off if no operations are performed for 30 minutes or more. This function can be turned on or off and the time before power is turned off can be changed in User Utility.

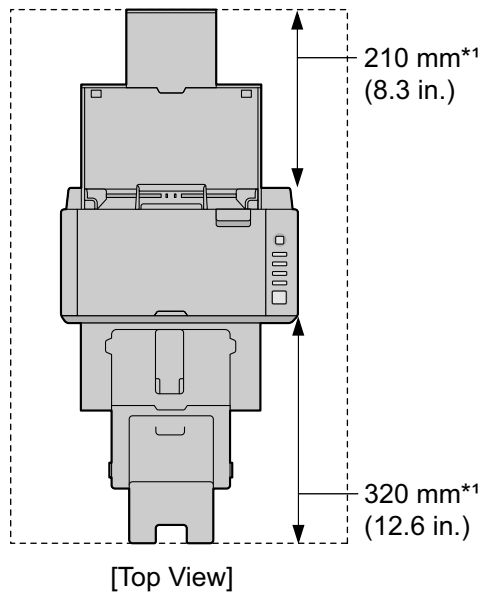
Installing the Unit

About the installation location

Notice

- Do not connect the unit to a computer before installing the software.
- Do not use the unit when the humidity is high or immediately after moving it from a cold location to a warm one. It may cause dew.

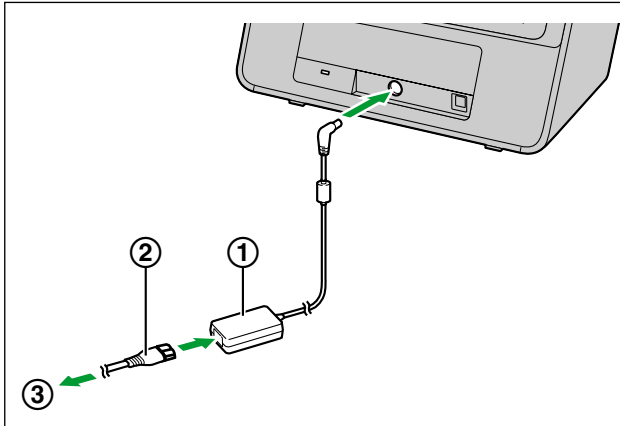
In order to ensure proper operation, install the unit maintaining the proper distances from surrounding objects, as shown in the following illustration.



*1 Clearance required to set the feed tray and exit tray.

Installation

1. Remove all packing tape.
2. Connect the AC adaptor (①) and the power cord (②).
 - Connect the power cord to the AC adaptor.
 - Connect the AC adaptor to the unit.
 - Plug the power cord into the AC outlet.

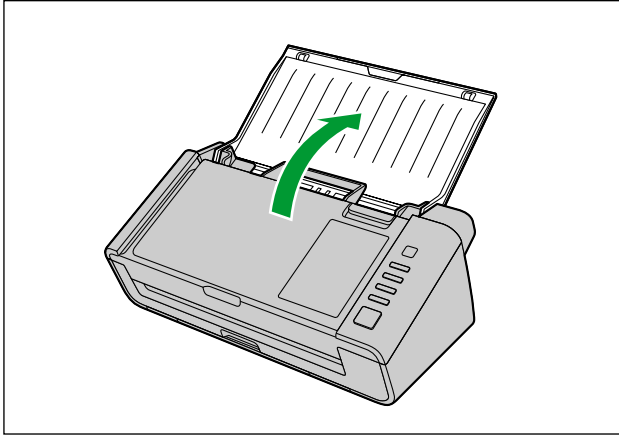


- ① AC adaptor
- ② Power cord
- ③ To AC outlet

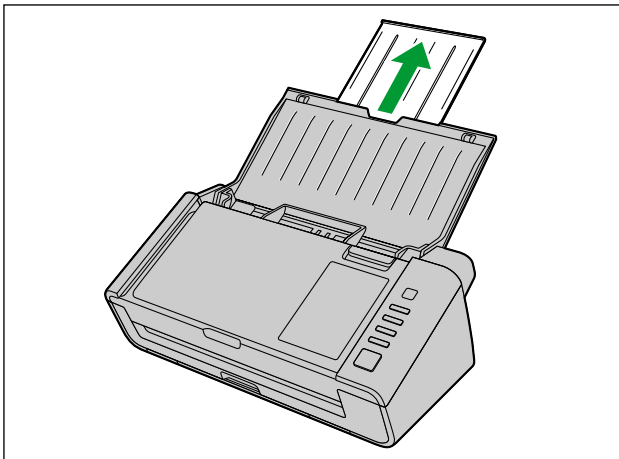
Notice

- Use only with the power cord and the AC adaptor enclosed with the unit.
- When the unit is not used over an extended period of time, turn the unit off, and unplug the power cord. The unit consumes approximately 0.3 W of electricity even when the main unit is turned off.

3. Set the feed tray.
 - a. Open the feed tray.

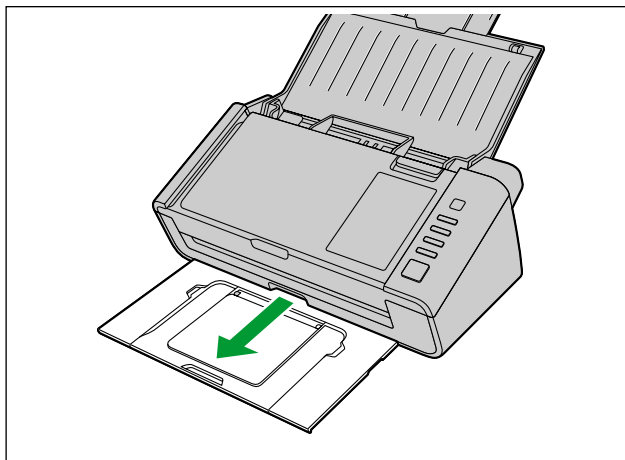


- b. Pull out the feed extension tray.

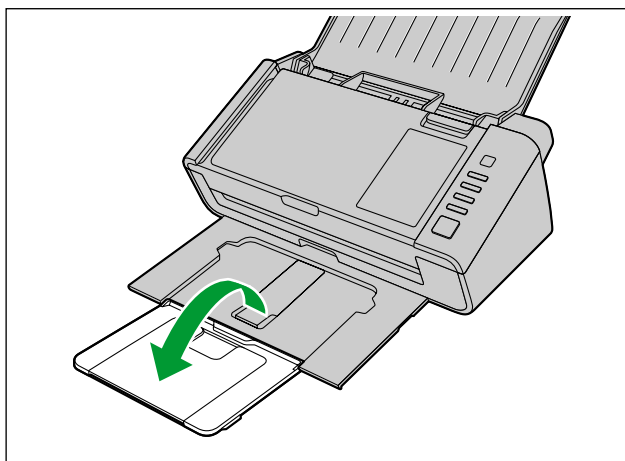
**Note**

- If the length of the document is short (e.g., a card or a business card), you may be able to scan the document without opening the feed tray.

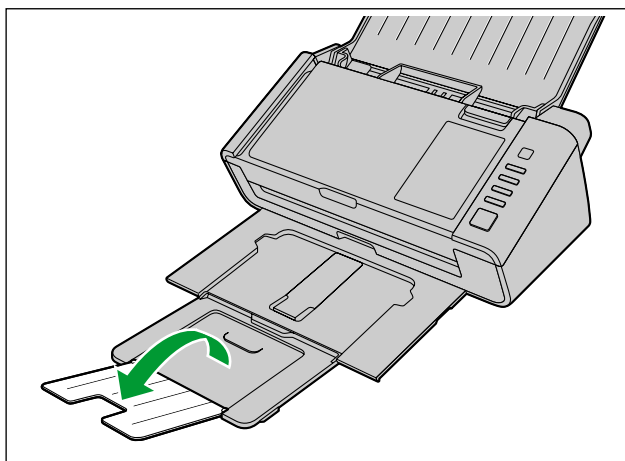
4. Set the exit tray.
 - a. Pull out the exit tray.



- b. Open the exit extension tray 1.



- c. Open the exit extension tray 2.



Installing Software

Software Installation and Connection

The software on the enclosed Software / Manual DVD-ROM can be installed on your computer. You can select from the 3 installation methods below, depending on your needs.

- a. **Complete:** Install all the drivers, applications, utilities and Operating Manual.
- b. **Only scanner driver:** Install the drivers, utilities and Operating Manual.
- c. **Custom:** Install one of the software or Operating Manual.

Note

- Normally, it is recommended to select [Complete].

Notice

- Make sure to log on as an administrator to install the software.

1. Check that the unit has been turned off.
 - Press the power button for more than one second to turn the unit off.
2. Insert the Software / Manual DVD-ROM into the CD/DVD drive on your computer.
 - If you have a feature called "Autorun" activated, the installation process will start automatically.
 - The setup window will appear.

Note

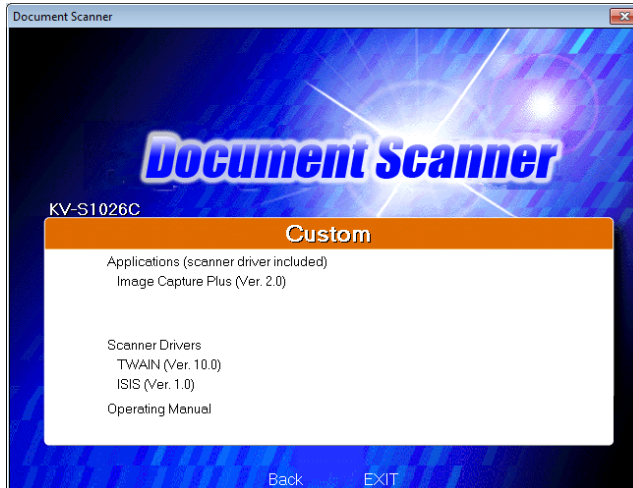
- If the AutoPlay dialog box is displayed in Windows Vista or Windows 7, select "CDRun.exe".
- If the program does not start automatically, from [Computer] ([Computer] in Windows Vista, [My Computer] in Windows XP), select the CD/DVD drive, and then double-click "CDRun.exe".

3. Select your scanner model.
4. Check the [Read me first] file.

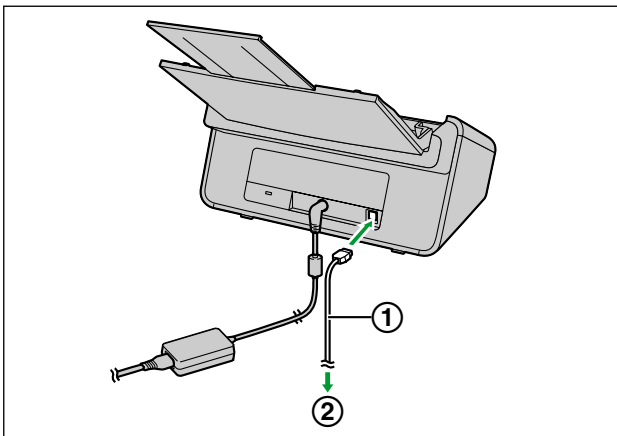


Installation

5. Select the desired installation methods from the "Software" list on the left side of the screen.
 - If you selected [Complete] or [Only scanner driver], continue to step 7.
 - If you selected [Custom], continue to step 6.
6. If you selected [Custom] for the installation type in step 5, select the item that you want to install.



7. Follow the instructions on the screen.
8. Connect the unit and computer using the USB cable (①).

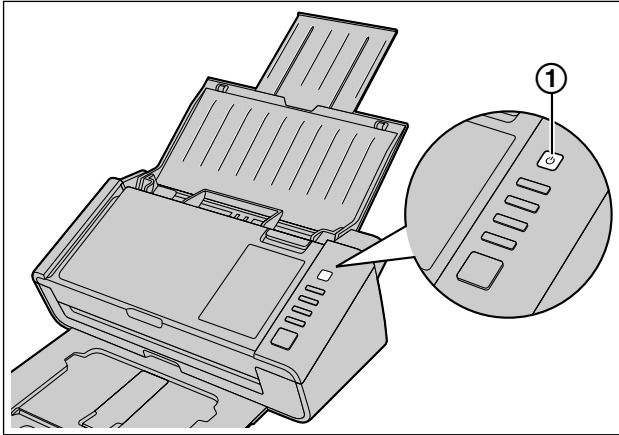



- ① USB cable
- ② To computer

Notice

- Be sure to use the USB cable supplied with this unit.

9. Press the power button (①) to turn ON the unit's power.



- The LED  (Green) will flash and then turn on.
- In Windows XP, after installing the device driver, follow the hardware wizard's on-screen instructions to complete installation.

Note

- Continue with the installation even if a window appears with the message "Digital Signature Not Found" or "has not passed Windows Logo testing...".

Viewing Operating Manual and Help Installed

If the manuals and software that were included on the Software / Manual DVD-ROM have been installed on your computer, you can use the following procedure to view the Operating Manual and the software's help.

To view the Operating Manual

1. On the [Start] menu, point to [All Programs], then [Panasonic], and select [Scanner Manuals].
2. Select the desired manual.
 - The selected manual will open.

To view the help

For Image Capture Plus

1. On the [Start] menu, point to [All Programs], [Panasonic], [Image Capture Plus], and then select [Image Capture Plus Help].

For User Utility

1. On the [Start] menu, point to [All Programs], [Panasonic], [Scanner Tools], and then select [User Utility Help].

For Presto! PageManager 9

1. On the [Start] menu, point to [All Programs], [NewSoft], [Presto! PageManager 9.XX]^{*1}, and then select [Presto! PageManager User's Manual].

For Presto! BizCard 6

1. On the [Start] menu, point to [All Programs], [NewSoft], [Presto! BizCard 6]^{*1}, and then select [Presto! BizCard User's Manual].

For TWAIN or ISIS

1. Click the help button on any driver screen.

^{*1} "X.XX" and the number that follows a program name are the software version. When you upgrade the software, the numbers above may be different from the actual software version.

Note

- We recommend that you view the help using Internet Explorer® 6.0 or later for Windows.


Starting Up Scanner Applications Automatically

Single Touch Scan Settings

You can configure settings so that the application starts up automatically "when a document is placed on the unit's feed tray" ("Touch Free Scanning") and "when a single touch scan button (1-3) is pressed".

Setting the application to start up

Set whether an application will automatically start up and select under which conditions it will start up in the Scan Button Setting Tool.

1. Double click the () icon in the notification area of the task bar to open the Scan Button Setting Tool.
2. Select Scan button or Touch Free Scanning for the condition to automatically start up the application.
3. Select the application to start up.

Note

- If you are using the KV-S1015C: The application can be selected from Presto! PageManager 9 and Image Capture Plus.
If you are using the KV-S1026C: The application can be selected from Image Capture Plus.
- The set application is enabled for both "Touch Free Scanning" and "when a single touch scan button (1-3) is pressed".
- For details about the Scan Button Setting Tool, refer to the Scan Button Setting Tool help.

Setting the scanning conditions

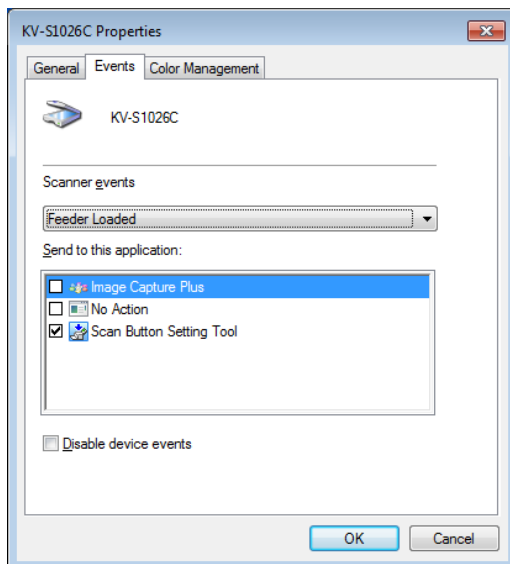
Scanning conditions are set on the setting screen of each application.

1. Open the setting screen.
 - **When "Single Touch Scan Button (1-3)" is selected:** Press a button for more than 2 seconds to open the setting screen of each application. (If the unit is in sleep mode, press the Start/Stop button to return to ready mode first.)
 - **When "Touch Free Scanning" is selected:** Open the setting screen of each application manually.
2. Set the scanning conditions.
 - For details about the setting screen of each application, refer to the manual or help for that application.

Checking events

Check the following if an application does not start up after being set.

1. [Start] → [Devices and Printers], right-click the scanner icon, and display the [Scan properties] screen.
 - If you are using Windows Vista:
[Start] → [Control Panel] → [Scanners and Cameras], select the scanner icon, and then click the Properties button.
 - If you are using Windows XP:
[Start] → [Control Panel] → [Scanners and Cameras], right-click the scanner icon, and display the Properties screen.
2. Click the [Events] tab.
3. Check that "Scan Button Setting Tool" is selected for "Send to this application" when each condition is selected in "Scanner events".
 - If an application other than "Scan Button Setting Tool" is selected, change the application to "Scan Button Setting Tool".
4. Check that the "Disable device events" checkbox is unchecked.
 - If the checkbox is checked, uncheck it.



5. Click [OK].
6. Restart the computer.

Deleting Installed Software

If you want to remove the software that is installed on your computer, follow the procedure below to uninstall them.

1. In [Control Panel], open [Uninstall a program].
 - In Windows XP, select [Add or Remove Programs].
2. Select the item that you want to uninstall.
 - The software is displayed with the program names below:

| Software | Program Name |
|-----------------------|---|
| Device driver | Panasonic Document Scanner Device Driver X.XX ^{*1} |
| TWAIN | KV-S1026C KV-S1015C TWAIN Driver |
| ISIS | KV-S1026C KV-S1015C ISIS Driver |
| Image Capture Plus | Image Capture Plus |
| Presto! PageManager 9 | Presto! PageManager 9.XX ^{*1} |
| Presto! BizCard 6 | Presto! BizCard 6 ^{*1} |
| User Utility | Panasonic Scanner User Utility |
| Manuals | Panasonic Scanner Manuals |

^{*1} "X.XX" and the number that follows a program name are the software version. When you upgrade the software, the numbers above may be different from the actual software version.

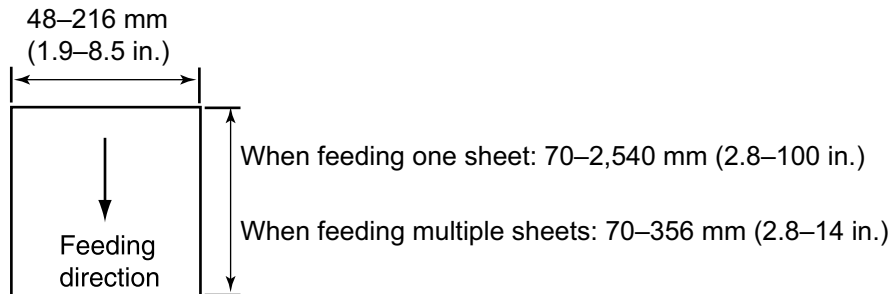
3. Follow the instructions on the screen.

Preparing Documents

Acceptable Documents

The acceptable documents for this unit are as follows.

Document size:



Paper thickness for Feeding:

KV-S1026C: 20–209 g/m² (5.4–55 lb.)

KV-S1015C: 40–209 g/m² (11–55 lb.)

- The height or page count of documents placed on the feed tray (for 80 g/m² or 20 lb., new paper) is as follows:
 - With the mixed batch card guide removed: total 5 mm (0.2 in.) (50 sheets)
 - With the mixed batch card guide installed: total 2 mm (0.08 in.) (20 sheets)
- With the exception of ISO format cards, the minimum guaranteed feeding length is 70 mm (2.8 in.).
- Single paper feeding is recommended for papers exceeding the legal size length.

Recommended paper: Plain paper

Acceptable Cards

ISO format card:

Size: 85.6 x 54 mm (3.4 x 2.1 in.)

Thickness: 0.76 mm (0.03 in.)

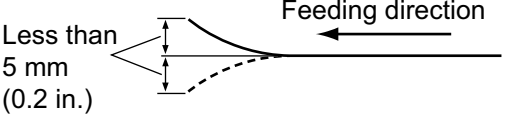
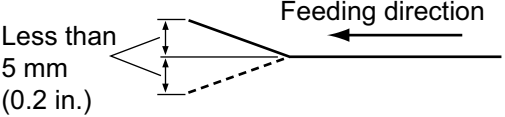
Embossed card is also acceptable.

- **A maximum of 3 cards can be loaded on the feed tray.**
The height of the total cards (the total thickness including the embossing on each card) should be less than 5 mm (0.2 in.). Additionally, the embossing on each card must not get entangled with others.
- **Use the landscape orientation when scanning embossed cards (e.g., credit cards).**
If acceptable results cannot be obtained, try changing the scanning orientation or reversing the scan face of the card, and then perform scanning again.
- **Use the mixed batch card guide (page 37) when scanning mixed media (cards and papers) at the same time.**

Unacceptable Documents

The following types of documents may not scan properly:

- Curled, wrinkled or folded documents
- Documents must also meet the following conditions.

| | |
|----------------|--|
| Curl |  |
| Folding |  |

- Carbon paper
- Thick or irregular documents such as envelopes and cut-and-pasted documents
- Perforated or punched paper
- Non-rectangular or irregularly shaped paper, such as document with tags
- Coated paper
- Extremely smooth, shiny paper, or paper that is highly textured
- Carbonless copy paper
- Transparent or partially transparent documents such as OHP sheet and tracing paper
- Photographs^{*1}

^{*1} Photographs may become scratched or damaged, etc.

Do not scan the following types of paper:

- Damaged or notched document/card
- Documents out of specified size, thickness, and weight
- Documents containing hard attachments such as metal or plastic (ex. clips or staples)
- Bound or glued documents
- Cloths, metallic sheets, OHP sheets, plastic films, etc.
- Document with wet ink or cinnabar seal ink
- Thermal or photosensitive paper

Notes about documents for scanning

- Depending on the paper type, scanning results may be poor even when you scan acceptable documents. If a paper jam or double feeding occurs, try scanning again after doing the following:
 - Clean the rollers and sensors.
 - Reduce the number of sheets of paper loaded on the feed tray.
 - Scan one sheet at a time.

Notes about double feed detection

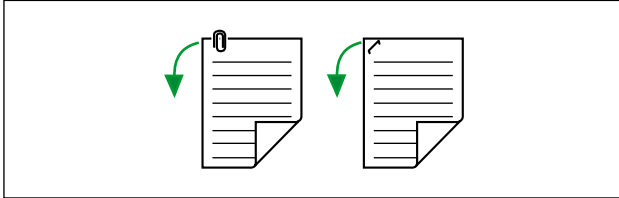
This unit uses an ultra-sonic sensor to detect double feeding (where two or more sheets of a document are fed at the same time).

- Double feeding cannot be detected with unsupported paper types.
- Even with supported types of cards, scanning them in portrait orientation may result in double feed detector. In this case, try scanning them in landscape orientation, or disable the double feed detection.

Scanning Documents

Notice

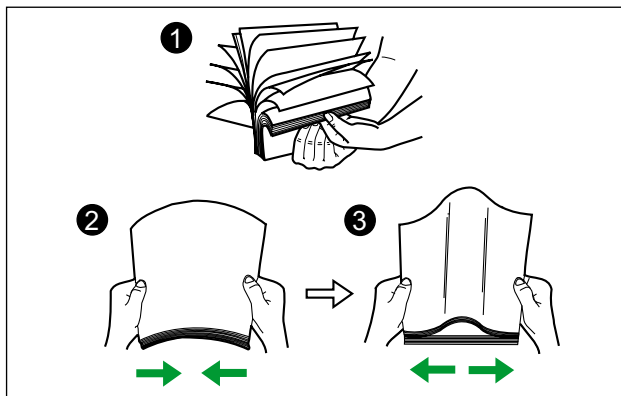
- Make sure to remove paper clips and staples from documents before scanning. Failing to do so can damage the unit, document, or both.



- Before feeding, ensure that the document is not creased or folded. If the document is creased or folded, a paper jam or damage to the document may occur.
- When scanning important documents, confirm that the number of scanned images matches the number of pages in the document. Also, check the condition of scanned documents.
- Remove documents from the exit tray after they have been scanned.
- Unsupported thin paper types may not exit at the exit slot correctly.
- The height of all the documents on the feed tray should be as follows:
 - With the mixed batch card guide removed: max. 5 mm (0.2 in.)
 - With the mixed batch card guide installed: max. 2 mm (0.08 in.)
 Exceeding this height might cause paper jams or skewing.

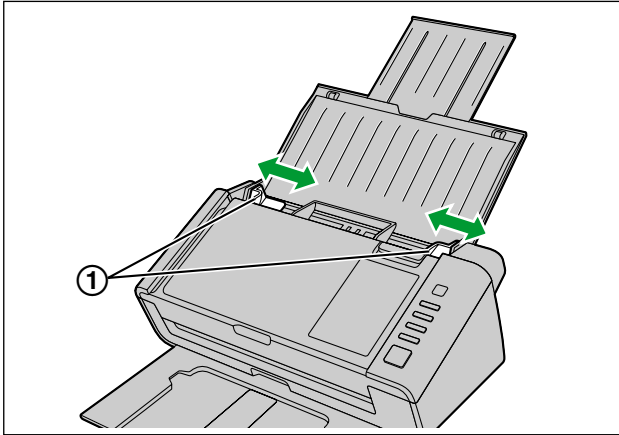
1. Fan the documents.

- Documents that have been stapled together or stacked together (as in a file folder) will need to be separated.
- ①** Fan the stack of documents to separate all the edges.
- ②** Hold both ends and bend the documents as shown in the illustration.
- ③** To flatten the documents, hold firmly and pull them apart as shown in the illustration.

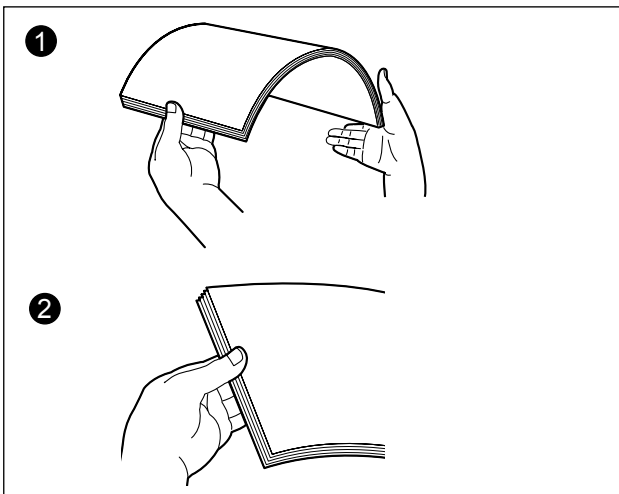


Repeat these steps as necessary.

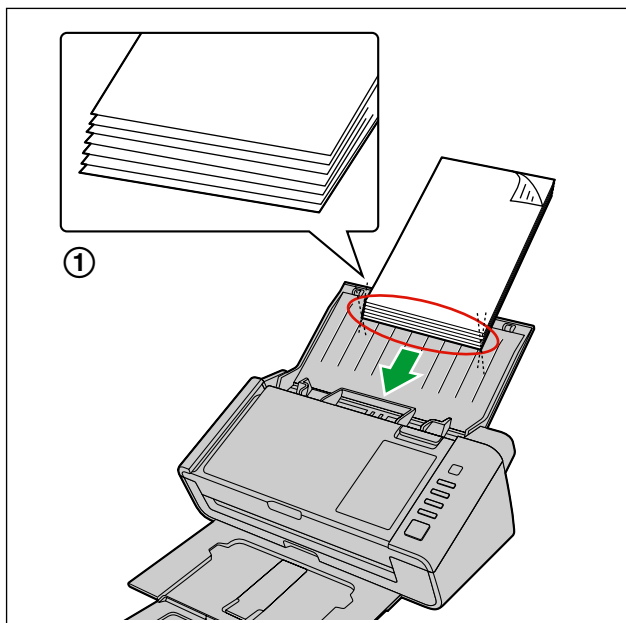
2. Adjust the document guides (①) slightly larger than the actual size of the documents.



3. Carefully align the documents.
 - The documents feed better when the leading edges are aligned slantwise as shown in the illustration.

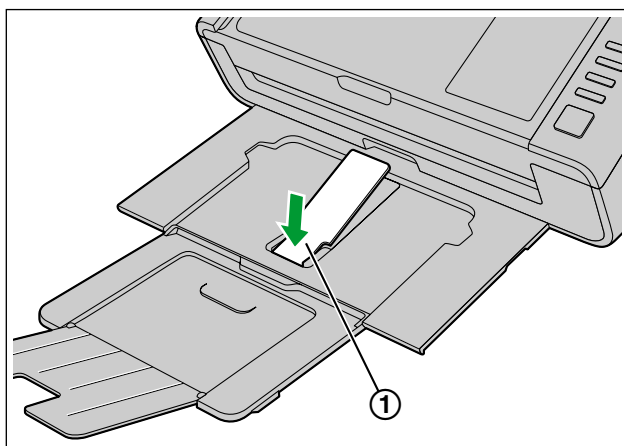


4. Place the documents on the feed tray with the side to be scanned facing down, and insert them in the direction of the arrow until they stop.
 - Set the leading edge of documents as shown in the illustration (①).



Note

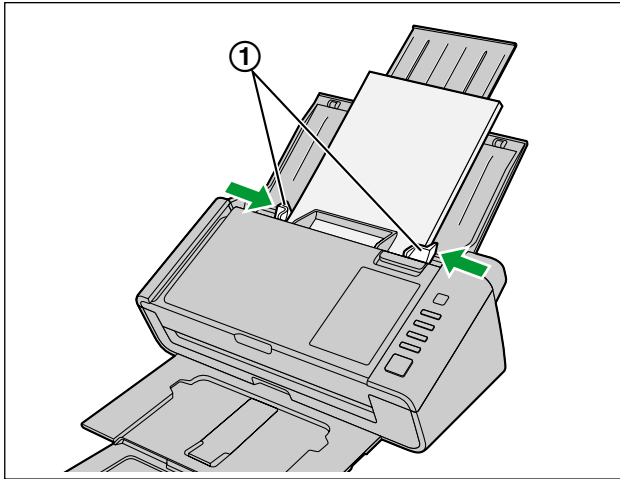
- Place the documents as shown in the illustration.
- The document guides have a mark (▼) showing the approximate upper limit (5 mm [0.2 in.]) for stacking documents to be scanned.
- When the paper is thin, it may not be fed properly due to curls in the paper. In that case, press the front part of the exit support (①) to use the exit support.



Notice

- Be sure to use the exit support in the position as shown in the illustration. It may detach from the unit if you try to pull it up more.

5. Adjust the document guides (①) to the size of the documents to be scanned.



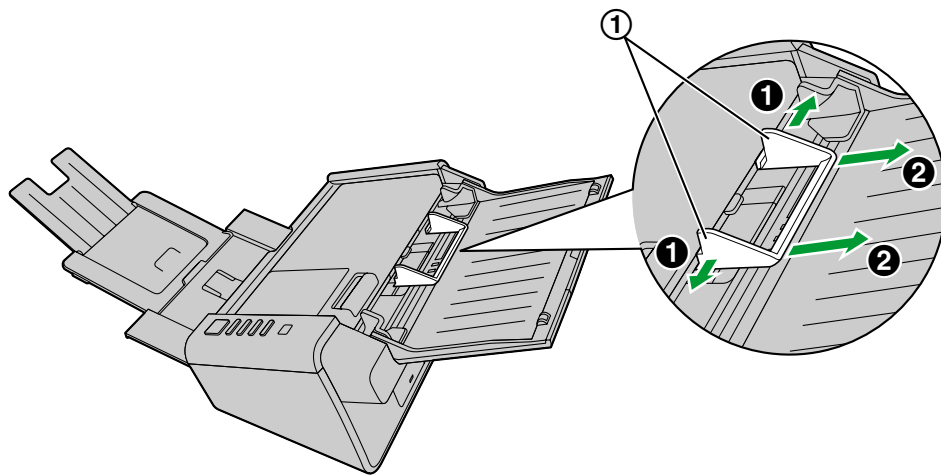
6. Open your scanning application and scan the documents.
- For details about the application, refer to the help of each application.
 - You can also start up applications automatically to scan documents (Single Touch Scan). For details about Single Touch Scan settings, see "Single Touch Scan Settings" (page 27).

Mixed Batch Card Guide

No adjustment to the document guide is required when using the mixed batch card guide. The mixed batch card guide prevents a card from skewing when scanning paper documents and a card simultaneously. The mixed batch card guide is attached to the unit during shipping. If you remove the mixed batch card guide, keep it in a safe place.

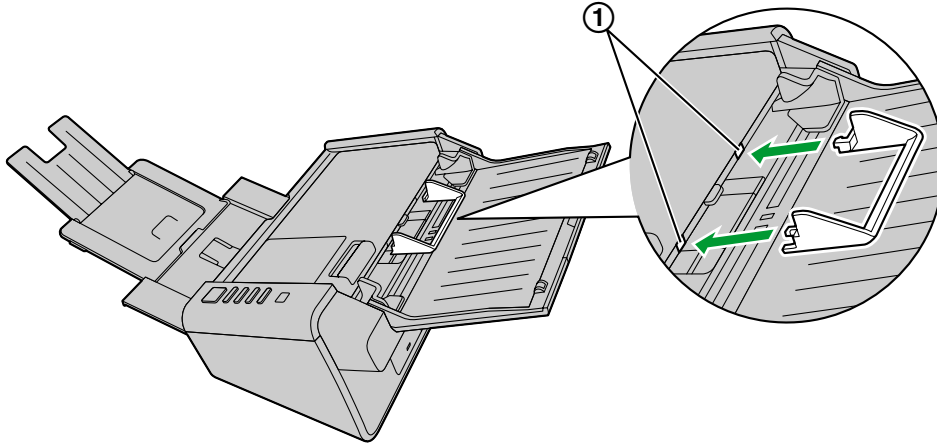
Removing the Mixed Batch Card Guide

With your fingers, slightly open the "fins" (①) on both sides of the mixed batch card guide (①), and then keeping it open, remove the guide (②).



Installing the Mixed Batch Card Guide

Insert the tabs on the mixed batch card guide into the holes near the paper slot (①).



Note

- If the guide is difficult to insert into the holes, slightly spread both sides of the guide and try inserting it.

Using the Mixed Batch Card Guide

Set paper documents on the feed tray, and a card on the mixed batch card guide respectively.

- The card set on the mixed batch card guide is fed after completing the paper document scanning.
- The mixed batch card guide is suitable for the following card.

ISO format card:

Size: 85.6 x 54 mm (3.4 x 2.1 in.)

Thickness: 0.76 mm (0.03 in.)

Embossed card is also available.

- Set the card in landscape orientation.
- A maximum of 3 cards can be set in the mixed batch card guide.
- The total height of stacked cards (including embossed portions) should not exceed 5 mm (0.2 in.).
- Ensure that the embossed portions of cards do not stick together.
- If acceptable results cannot be obtained, try changing the scanning orientation or reversing the scan face of the card, and then perform scanning again.

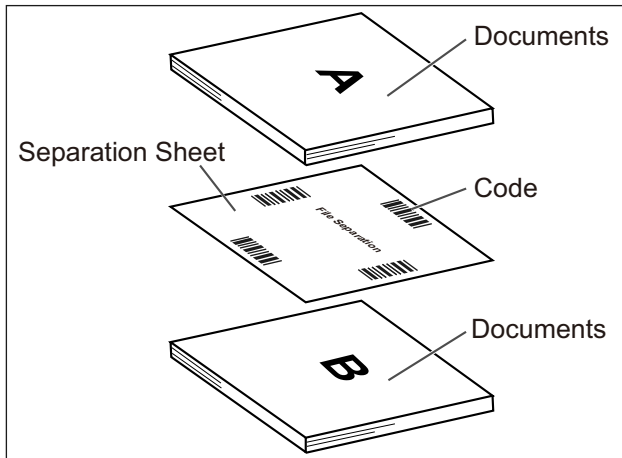
Note

- When using the mixed batch card guide, the document guides cannot be adjusted to less than A5 size.
- Make sure that the total height of the paper on the feed tray does not exceed 2 mm (0.08 in.). (This is equivalent to about 20 sheets at 80 g/m² or 20 lb.)

Using Separation Sheets

By using separation sheets, you can change the folder directory for saving the scanned documents in the middle of scanning. If you scan using a separation sheet between documents, the document following the separation sheet will be saved in a different folder.

Print out separation sheets from the Software / Manual DVD-ROM.

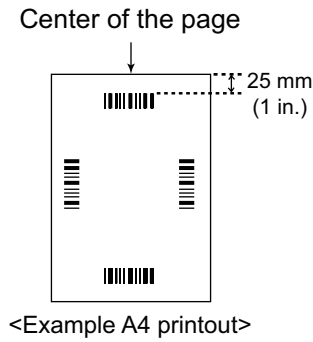


Note

- Multiple separation sheets can be used.
- To use separation sheet functions, your scanning application must support separation sheets. When using separation sheets, refer to the instruction manual or the help of your scanning application.

About Printing Separation Sheets

- Print the separation sheet at the specified size; do not enlarge or reduce the size.
- When printing the separation sheet, make sure that the pattern is 25 mm (1 in.) from the top of the page and centered horizontally.



- Use the separation sheet that is the same size as the document you are scanning.
- Be careful not to get the separation sheet dirty. Do not fold or crease the separation sheet. Scanning will not be performed properly.
- For details on separation sheet, refer to "Detect Separation Sheet" in the Image Capture Plus, TWAIN, or ISIS help.

Printing separation sheets

Note

- In order to print separation sheets, Adobe Reader must be installed on your computer.
 - Refer to the instruction manual for your printer for details about changing print settings.
1. Insert the Software / Manual DVD-ROM into the CD/DVD drive on your computer.
 - If you have a feature called "Autorun" activated, the installation process will start automatically.
 - The setup window will appear.

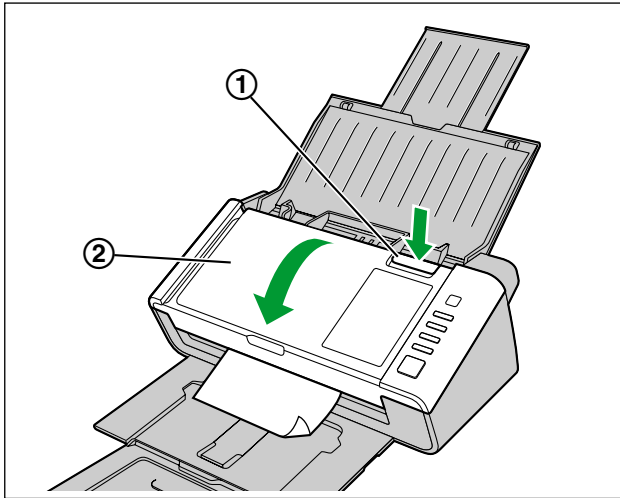
Note

- If the AutoPlay dialog box is displayed in Windows Vista or Windows 7, select "CDRun.exe".
 - If the program does not start automatically, from [Computer] ([Computer] in Windows Vista, [My Computer] in Windows XP), select the CD/DVD drive, and then double-click "CDRun.exe".
2. Select your scanner.
 3. Select [Separation Sheet] from the "Documents" list on the right side of the screen.
 4. Print the separation sheets at the same size as your document.

Clearing Paper Jams

If a paper jam occurs, the message "A paper jam has occurred" and an error code (Uxx) is displayed in the User Utility application. Remove the jammed sheet according to the following instructions.

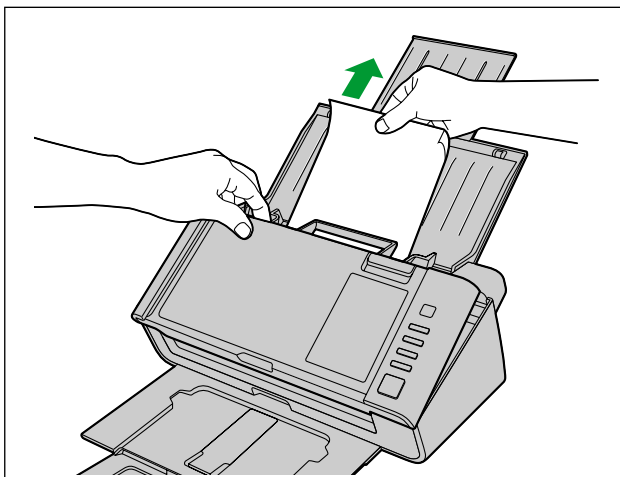
1. Remove all documents from the feed tray.
2. Press the door open button (①), and open the ADF door (②).



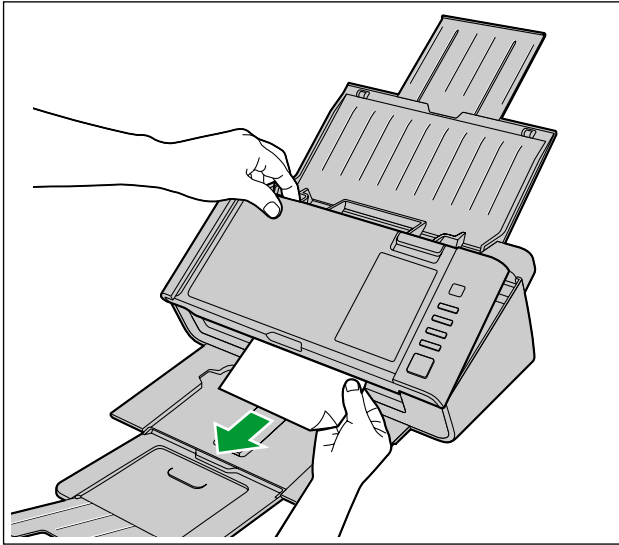
Note

- If you are using the unit with the feed tray closed, open the feed tray before opening the ADF door. When doing so, take care to not crease or tear any jammed documents.

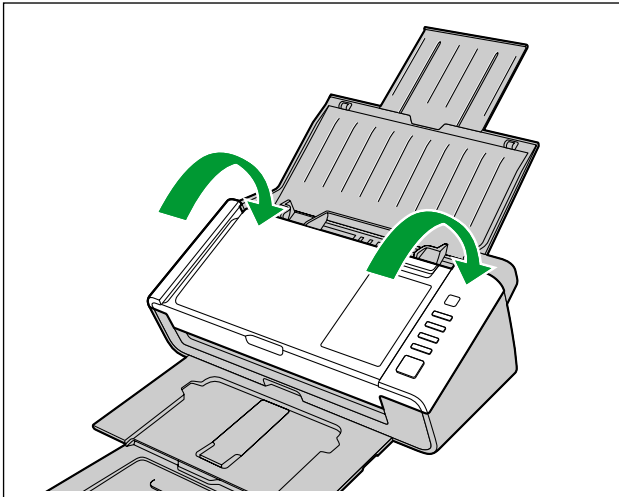
3. Remove the jammed document.
 - If the document is jammed in the feed tray area, pull it backwards as shown in the illustration.



- If the document is jammed in the exit tray area, pull it forward as shown in the illustration.



4. Close the ADF door.
 - Push both sides of the ADF door down slowly until it clicks into place.



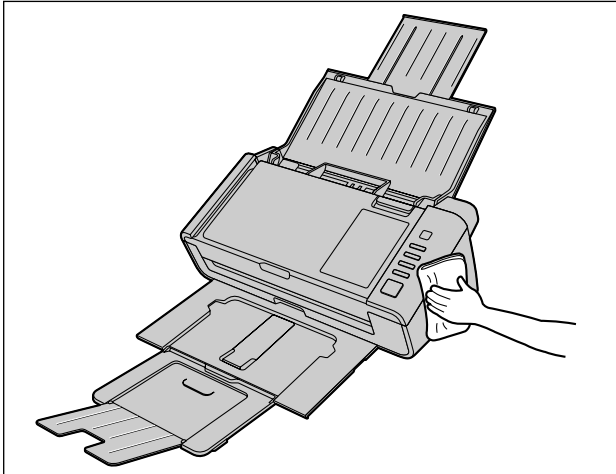
Cleaning the Scanner

Outside of the Scanner

Notice

- Do not use thinner, benzine, or cleaners containing abrasives or surfactants, for cleaning the outside of the unit. (It can cause warping or discoloration.)
- Clean the unit at least once a month.

1. Press and hold the power button for one second or more to turn off the unit's power.
2. Clean the cover with a soft cloth.



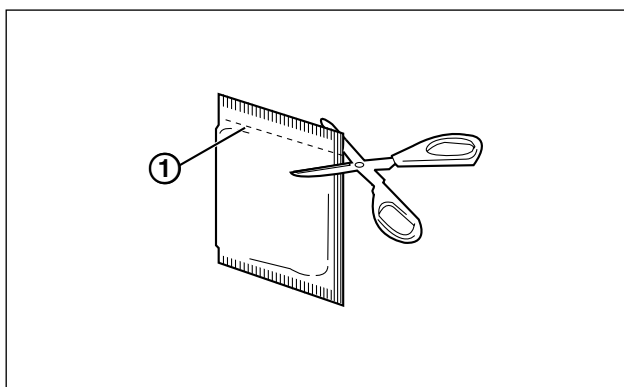
Inside of the Scanner

Notice

- Clean the unit at least once a week or when 2,000 sheets have been scanned, whichever comes first.
- Clean the rollers and sensors if paper jamming or double feeding occurs frequently.
- If double feed detection does not function properly, clean the double feed detectors.
- Clean the scanning glass area and reference area when black or white lines appear on the scanned images.
- If the documents you are scanning are dirty, then the unit parts will also become dirty. To maintain proper scanning, clean the unit parts frequently.

About the roller cleaning paper (sold separately)

Open the roller cleaning paper on the dotted line (①), and take out the roller cleaning paper.



Notice

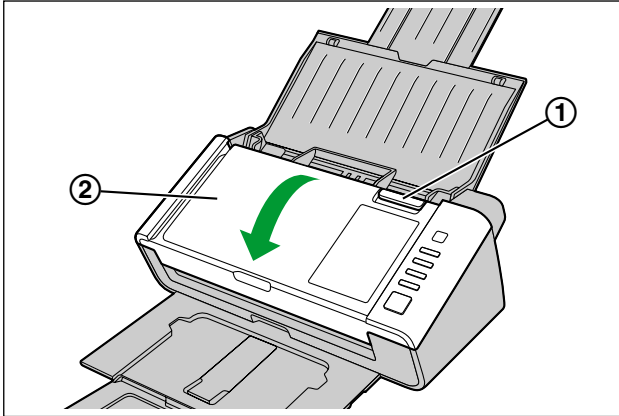
- Keep the roller cleaning paper out of reach of small children.
- Do not store the roller cleaning paper in direct sunlight or in a place with temperature over 40 °C (104 °F).
- Only use the roller cleaning paper to clean the rollers.
- For details about the roller cleaning paper, please refer to the Material Safety Data Sheet (MSDS). Please ask your Panasonic sales company about obtaining the Material Safety Data Sheet.

Note

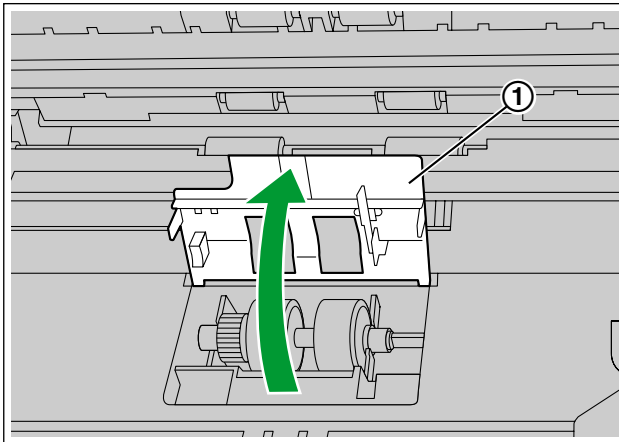
- If the bag is left opened for a long period of time before using it, the alcohol will evaporate. Please use the roller cleaning paper immediately after opening the bag.
- To purchase roller cleaning paper (KV-SS03), you can contact the dealer where the unit was purchased, or you can call our Supplies and Accessories department at 1-800-726-2797 (U.S.A. only).

Cleaning the Rollers

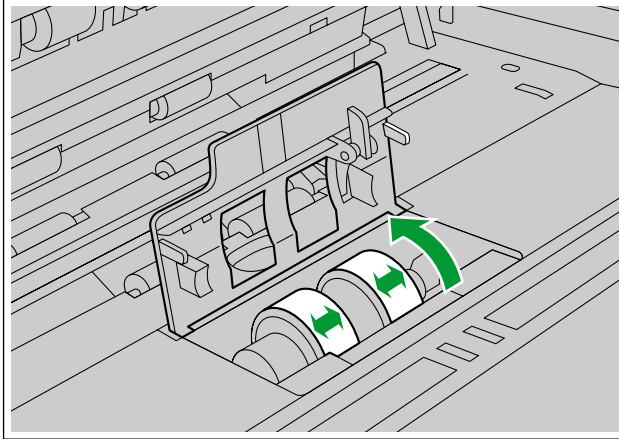
1. Press and hold the power button for one second or more to turn off the unit's power.
2. Press the door open button (①), and open the ADF door (②).



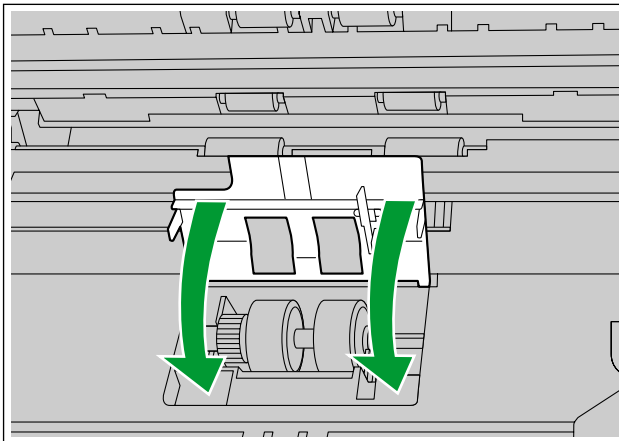
3. Open the paper feed roller cover (①).



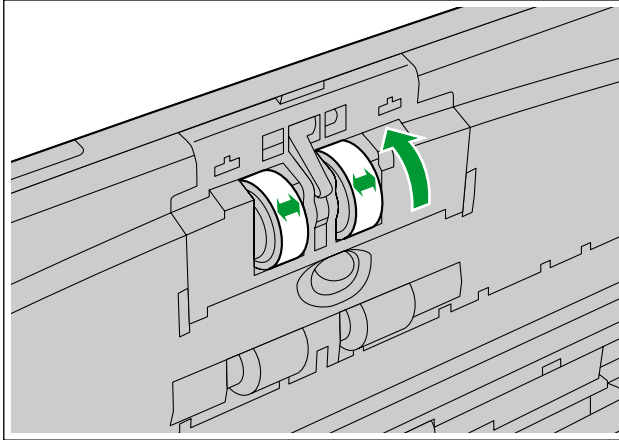
4. Use the separately sold roller cleaning paper (KV-SS03) to remove the dirt from the surface of all rollers.
 - When wiping off dirt from the roller surface, hold the roller to prevent it from rotating. Wipe the roller from one end to the other in the direction indicated by the arrow, all the way around.



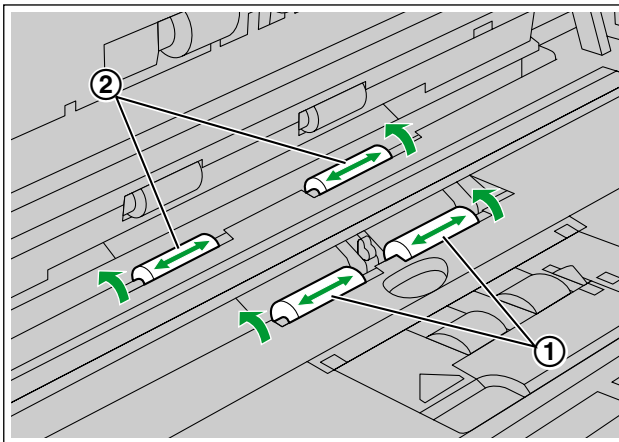
5. Close the paper feed roller cover firmly.
 - Make sure to close both sides of the paper feed roller cover until they click into place.



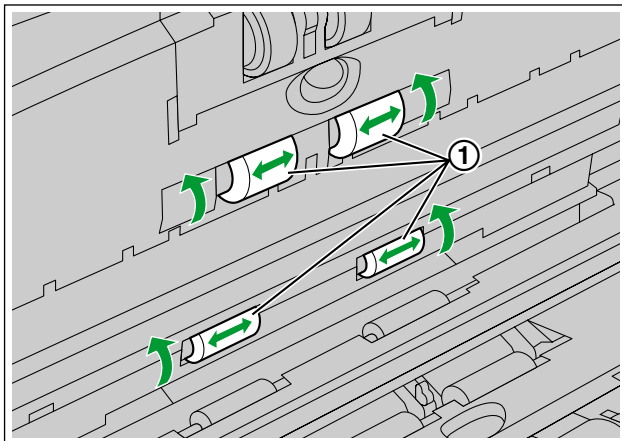
6. Use the roller cleaning paper to clean the surface of the double feed prevention roller.
 - Wipe the roller from one end to the other (in the direction of the arrow) all the way around them, as shown in the illustration.



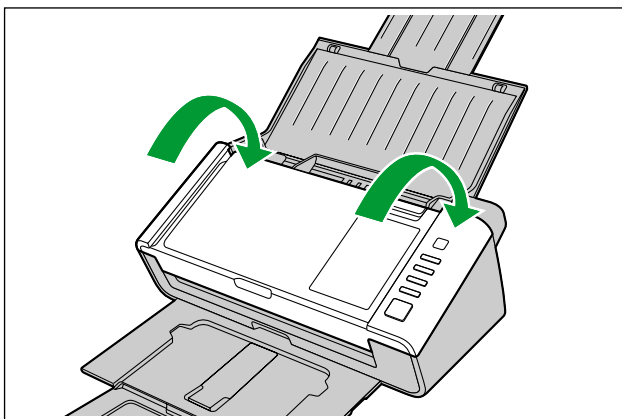
7. Use the roller cleaning paper to clean the surface of the conveyor rollers (①) and exit rollers (②).
 - Wipe the rollers from one end to the other (in the direction of the arrow) all the way around them, as shown in the illustration.



8. Use the roller cleaning paper to clean the surface of the free rollers (①).
 - Wipe the rollers from one end to the other (in the direction of the arrow) all the way around them, as shown in the illustration.



9. Close the ADF door.
 - Push both sides of the ADF door down slowly until it clicks into place.



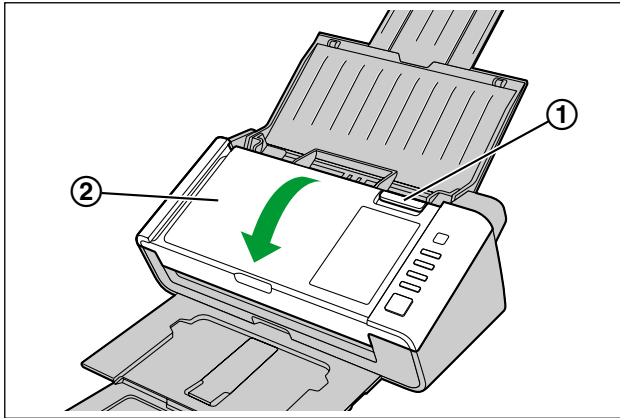
10. Reset the roller cleaning counter in User Utility to 0.
 - Turn ON the unit's power.
 - Start User Utility, and in the window, click the [Clear Counter] button for "After Clean Roller" to reset to counter to 0.
 - For details, refer to the User Utility help.

Cleaning the Scanning glass, Reference area, and Double feed detectors

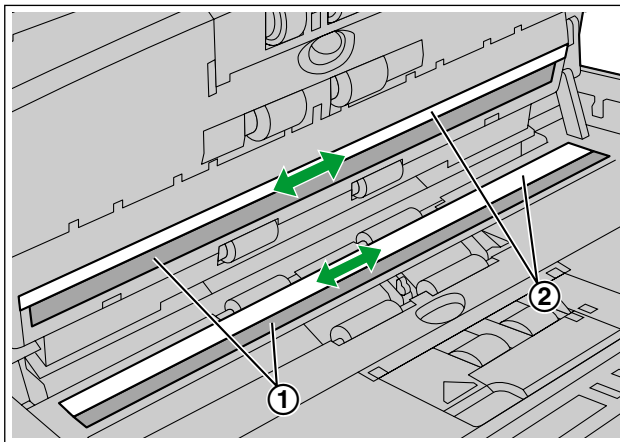
Notice

- Do not use the roller cleaning paper for cleaning the scanning glass, reference area, or double feed detectors.

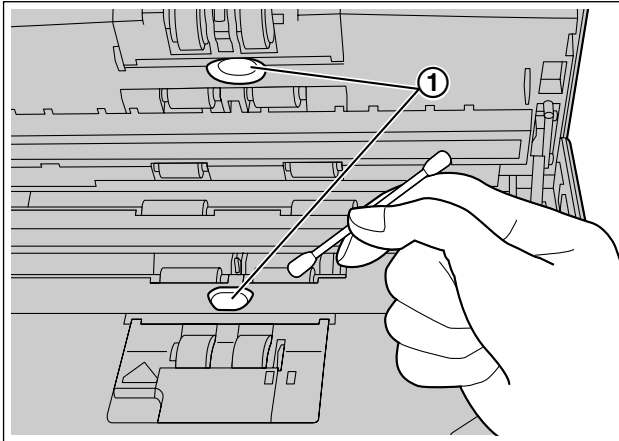
1. Press and hold the power button for one second or more to turn off the unit's power.
2. Press the door open button (①), and open the ADF door (②).



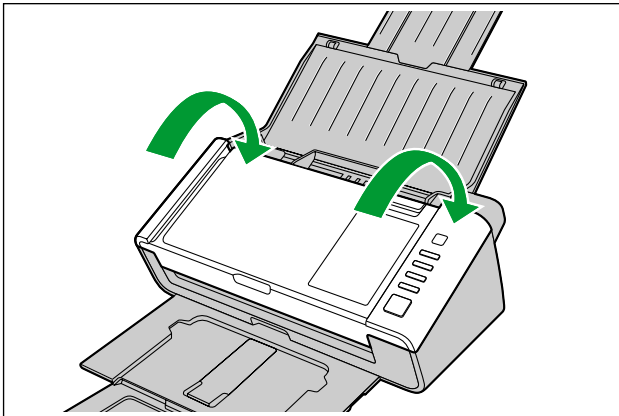
3. Clean the scanning glass area (①) and reference area (②) using a soft and dry cloth.



4. Remove dust on the double feed detectors (①) with a cotton swab.



5. Close the ADF door.
 - Push both sides of the ADF door down slowly until it clicks into place.



Replacement Parts and Optional Units

The double feed prevention roller and the paper feed roller are consumables. Purchase the roller exchange kit for your scanner and exchange the roller regularly.

The usable life of each roller is as follows.

- Double feed prevention roller/Paper feed roller: 100,000 sheets

| | Part Name | Part Number | Notes |
|--------------------------|---|-------------|--|
| Replacement Parts | Roller exchange kit <ul style="list-style-type: none">• Paper feed roller (1 piece)• Double feed prevention roller (1 piece) | KV-SS058 | For KV-S1026C |
| | | KV-SS059 | For KV-S1015C |
| Optional Units | Roller cleaning paper | KV-SS03 | See "About the roller cleaning paper (sold separately)" (page 45). |

Note

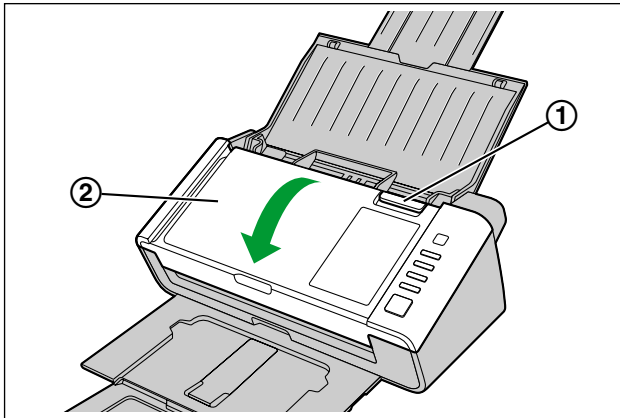
- To purchase replacement parts or optional units, please contact your dealer.
- The unit counter can be confirmed by using the User Utility.

Replacing Parts

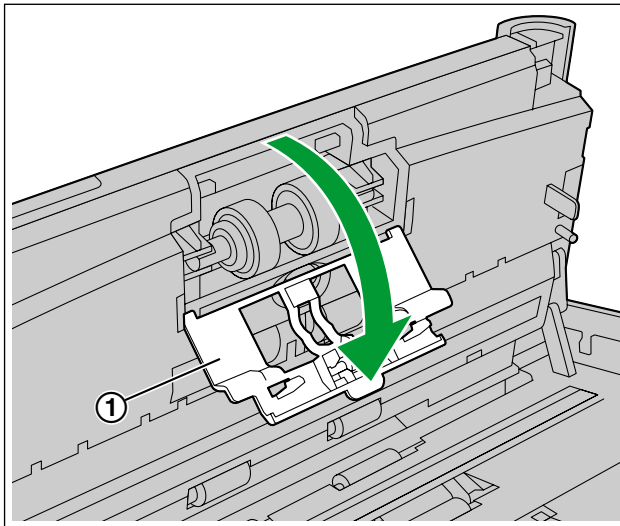
If double feeding or paper jam occurs frequently even after cleaning the roller (page 46), please call your dealer to order a roller exchange kit, and replace the paper feed roller, and double feed prevention roller.

Replacing the Rollers

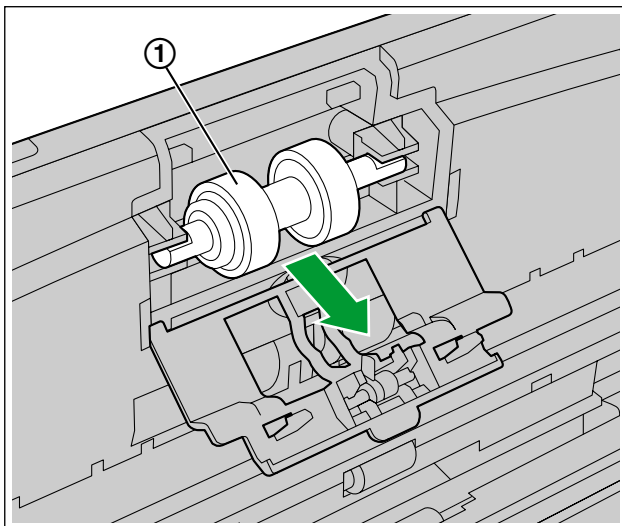
1. Press and hold the power button for one second or more to turn off the unit's power.
2. Press the door open button (①), and open the ADF door (②).



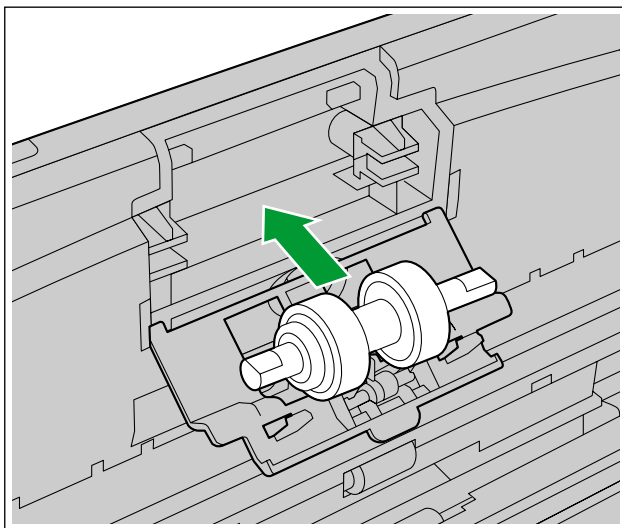
3. Open the double feed prevention roller cover (①).



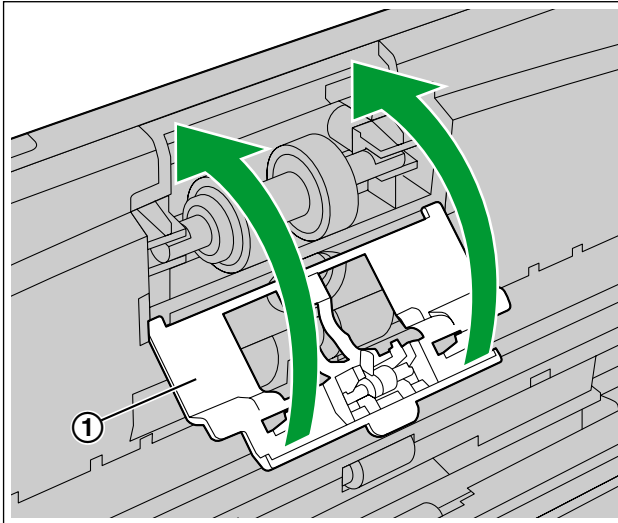
4. Remove the double feed prevention roller (①).



5. Take out the new double feed prevention roller in the roller exchange kit.
6. Install the new double feed prevention roller into the metal holder with the longer groove facing to the right-side (rear view).



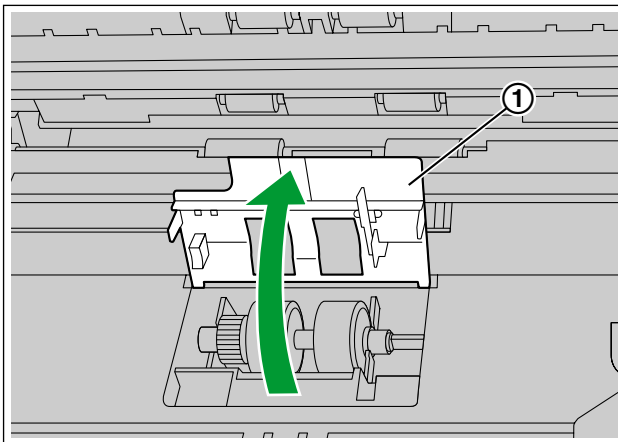
7. Close the double feed prevention roller cover (①) firmly.



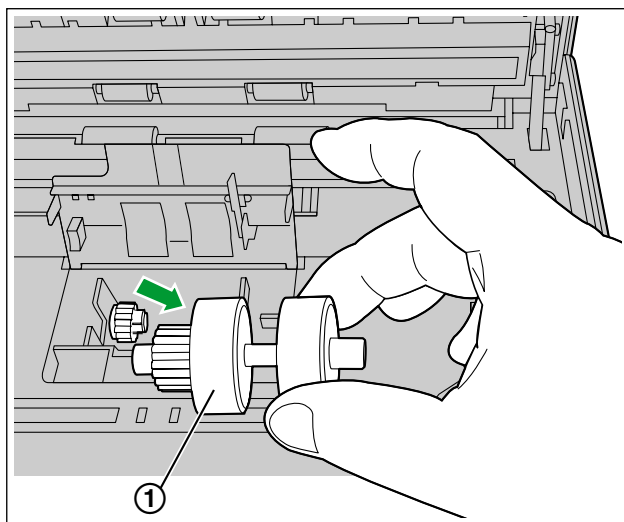
Notice

- Be sure to close the double feed prevention roller cover until it clicks into place.

8. Open the paper feed roller cover (①).

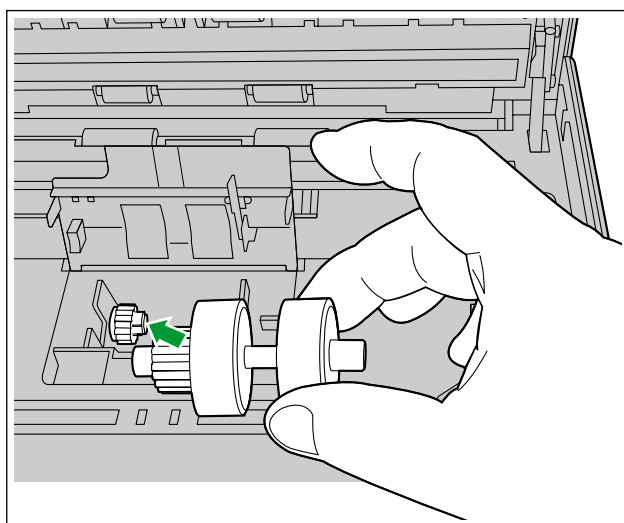


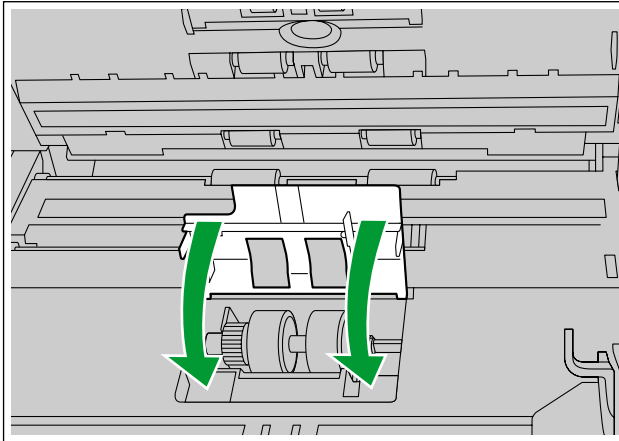
9. Remove the paper feed roller (①).



10. Take out the new paper feed roller in the roller exchange kit.

11. Install the new paper feed roller with the gear on the left side.

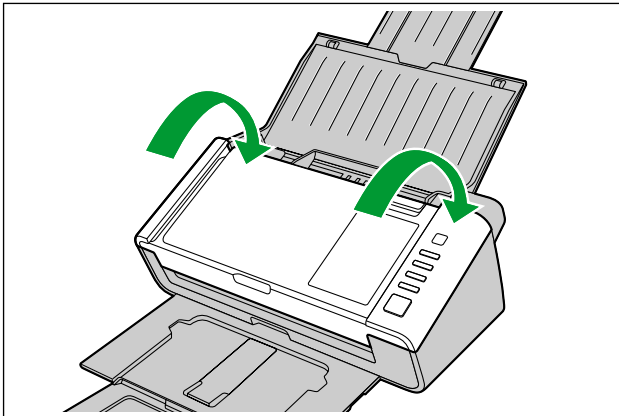


12. Close the paper feed roller cover firmly.**Notice**

- Make sure to close both sides of the paper feed roller cover until they click into place.
- After installing the paper feed roller, confirm that the paper feed roller can rotate in the feeding direction.

13. Close the ADF door.


- Push both sides of the ADF door down slowly until it clicks into place.

**14.** Reset the roller replacing counter in User Utility to 0.

- Turn ON the unit's power.
- Start User Utility, and in the window, click the [Clear Counter] button for "After Replace Roller" to reset the counter to 0.
- For details, refer to the User Utility help.

Troubleshooting

If a problem occurs while the unit is being used, check the following items and check the unit status with User Utility. If the unit still malfunctions, turn it OFF, unplug the power cord from the AC outlet, and call for service.

| Symptom | Possible Cause | Remedy |
|---|--|---|
| The LED  (Green) does not light when the power is turned on. | The power cord is not plugged in. | Insert the power plug firmly. |
| | Problem with the AC adaptor. | Unplug the power cord from the AC outlet, and call for service. |
| The computer does not recognize the unit. The unit is not functioning correctly. | The unit is not connected to the computer correctly. | Connect the USB cable correctly. |
| | The software is not installed correctly. | Uninstall the software from the computer, and then install the software again. (page 23) |
| | The unit is connected via USB hub, and the USB hub is not functioning properly. | Do not connect via the USB hub. Connect the unit to the computer directly. |
| | There is a problem with the USB cable. | Use the included USB cable or a certified Hi-speed USB 2.0 cable. |
| | The power of the unit is turned OFF because no operation was performed for a certain period of time. | Press the power button to turn ON the unit's power. |
| Scan speed is slow. | The unit is connected over a USB 1.1 connection. | Connect over USB 2.0. |
| The drivers or software cannot be installed. | Administrator privileges are required to install the software. | Log in to Windows with an account that has administrator privileges, and try installing the software again. |
| The document has been loaded on the feed tray, but the unit does not start scanning. | The document is not loaded properly. | Load the document correctly. (page 33) |
| | The sensor cannot detect the document as the edge of the document is curled. | Flatten the document (page 31) and load it again (page 35). |

| Symptom | Possible Cause | Remedy |
|--|--|--|
| Double feeding occurs frequently or the unit stops loading while scanning. | The rollers are dirty. | Clean the rollers. (page 46) |
| | The paper feed roller, or double feed prevention roller have become worn down. | Replace the paper feed roller or double feed prevention roller. (page 53) |
| | Right and left sides of the document to be scanned are not the same in height, because of curling or folding. | Flatten the document (page 31) and load it again after reducing the pages. |
| | The document is printed on an unsupported type of paper or thick paper. | Make a copy of the document on paper of an acceptable type and thickness (page 30), and scan the copy. |
| | The length of the paper is too short. | Make a copy of the document on paper of an acceptable size (page 30), and scan the copy. |
| | The document is not aligned correctly. | Realign the document. (page 33) |
| | The document set on the feed tray has too many pages. | Remove pages from the document until it is under the limit mark on the document guides. |
| A double feed is detected when scanning cards. | The cards are set in portrait orientation. | Either disable the double feed detection function or set the cards in landscape orientation. |
| Paper jams occur frequently. | The document is wrinkled. | Smooth out the document. |
| | The rollers are dirty. | Clean the rollers. (page 46) |
| | The document is not aligned correctly. | Realign the document. (page 33) |
| | The document set on the feed tray has too many pages. | Remove pages from the document until it is under the limit mark on the document guides. |
| Scanned image is skewed. | The document guides are not adjusted to the size of the document to be scanned, or the document to be scanned is set slanted on the feed tray. | Adjust the document guides properly to the size of the document to be scanned. (page 33) |
| | Right and left sides of the document to be scanned are not the same in height, because of curling or folding. | Flatten the document (page 31) and load it again after reducing the pages. |
| The scanned document is blank. | The document to be scanned was loaded upside down. | Load the document correctly. (page 35) |

Appendix

| Symptom | Possible Cause | Remedy |
|--|--|---|
| Vertical lines appear on the scanned document. | The scanning glass is dirty. | Clean the scanning glass. (page 50) |
| The scanning density is uneven. | The scanning glass is dirty. | Clean the scanning glass. (page 50) |
| The color of the scanned document is extremely different from the original document. | The settings of the computer monitor are wrong. | Adjust the computer monitor settings. |
| Dark spots or noise appear on the scanned documents. | The scanning glass is dirty. | Clean the scanning glass. (page 50) |
| There is noise or wave patterns (moire pattern) on the scanned image. | The scanning resolution settings, combined with patterns within the scanned image, may cause this problem. | Change the scanning resolution, and perform scanning again. |

If you still experience problems after following these suggestions, please contact our Technical Support Department at 1-800-726-2797 for further assistance (U.S.A. only).

Repacking Instructions

It is highly recommended that you keep the original carton and *ALL* packing materials. If you need to transport or ship the unit, please follow these instructions.

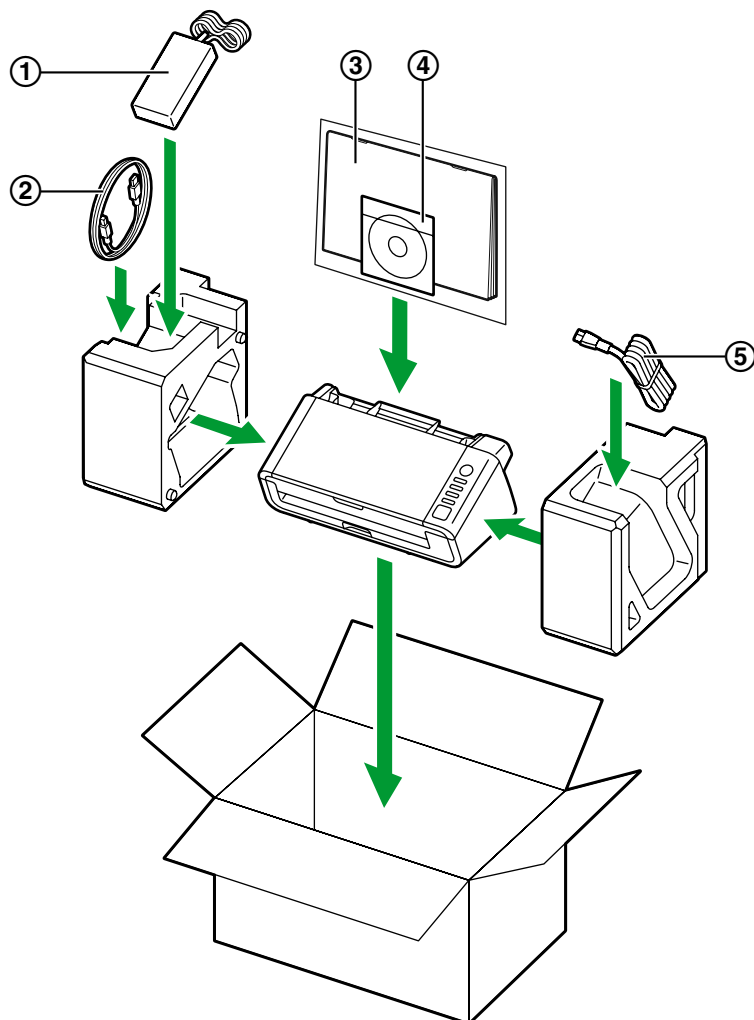
Note

- Please use the original carton and all of the original packing materials.
- Improper repacking of the unit may result in a service charge to repair the unit.
- The unit should be handled in the correct (horizontal) position.

Required Materials

- Original unit carton and packing materials
 - Shipping tape and scissors
1. Press and hold the power button for one second or more to turn off the unit's power.
 2. Unplug the power cord from the outlet, and remove the AC adaptor and USB cable from the unit.
 3. Close the feed tray and exit tray.
 - If the mixed batch card guide is not attached to the unit, attach it.

4. Pack the unit with the AC adaptor, power cord, USB cable, DVD-ROM, Safety Guide and Quick Reference Guide.



- ① AC adaptor
- ② USB cable
- ③ Safety Guide and Quick Reference Guide
- ④ Software / Manual DVD-ROM
- ⑤ Power cord

Specifications

| Item | | KV-S1026C | KV-S1015C |
|----------|---|-----------------------------|---|
| Scanning | Scanning face | | Duplex |
| | Scanning method | | Color CIS (600 dpi) Background: Black |
| | Scanning size | | 216 mm (8.5 in.) |
| | Scanning speed ^{*1} (portrait, 200 dpi) | Binary | Simplex Letter: 30 pages/min. A4: 30 pages/min. Duplex Letter: 60 images/min. A4: 60 images/min. |
| | | Color | Simplex Letter: 20 pages/min. A4: 20 pages/min. Duplex Letter: 40 images/min. A4: 40 images/min. |
| | Resolution | | 100–600 dpi (1 dpi step) Optical: 300 dpi / 600 dpi (Automatic switch) |
| | Scanning mode | | Binary, 256 levels grayscale, 24-bit color, MultiStream: Binary & Grayscale, Binary & Color |
| | Scanning function | | Single touch scan (3 buttons) Touch Free Scanning Ultrasonic double feed detector Double Feed Skip |
| | | | Skip button — |
| | Compression | | JPEG (color, grayscale) |
| | Paper ^{*2} | Width | 48–216 mm (1.9–8.5 in.) |
| | | Length | When feeding one sheet: 70–2,540 mm (2.8–100 in.) When feeding multiple sheets: 70–356 mm (2.8–14 in.) |
| | | Thickness | 0.04–0.2 mm (1.6–7.9 mils.) Note: 1 mil = 0.001 in. |
| | | Paper thickness for Feeding | 20–209 g/m ² (5.4–55 lb.) |

| Item | | | KV-S1026C | KV-S1015C |
|-----------------------|--|-----------|---|-----------|
| Scanning | Card ^{*3} | Format | ISO format | |
| | | Size | 85.6 × 54 mm (3.4 × 2.1 in.) | |
| | | Thickness | 0.76 mm (0.03 in.) | |
| | Feed tray capacity | | 50 sheets (80 g/m ² [20 lb.] New Paper) | |
| | Exit tray capacity | | 50 sheets (80 g/m ² [20 lb.] New Paper) | |
| | Life ^{*4} | | 500,000 sheets | |
| | Roller replacement ^{*4} | | 100,000 sheets | |
| | Maintenance | | Clean the rollers, sensors, and scanning glass once a week or every 2,000 sheets scanned. | |
| Scanner | External dimensions (Width×Depth×Height) | | 303 × 177 × 137 mm (11.9 × 7 × 5.4 in.) (When the exit tray and feed tray is closed) | |
| | Weight | | 2.7 kg (5.9 lb.) | |
| | Power requirement | | External power supply (AC adaptor) AC100–240 V, 50/60 Hz | |
| | Power consumption | Scanning | 17 W or less (DC 16 V 1.2 A) | |
| | | Ready | 4.5 W or less | |
| | | Sleep | 1.6 W or less | |
| | | Power OFF | 0.3 W or less (While the AC adaptor is connected to the AC outlet) | |
| Operating Environment | | | Temperature: 10–35 °C (50–95 °F) Humidity: 20–80 % RH | |
| Storage Environment | | | Temperature: 0–40 °C (32–104 °F) Humidity: 10–80 % RH | |

^{*1} The scanning speed differs depending on the host computer, operating system, application, measuring method, the data quantity of the image, and paper type. The scanning speed was measured using a proprietary method.

^{*2} Although you can specify other paper sizes, scanning quality cannot be guaranteed.

^{*3} Embossed card is also available.

^{*4} The life of the scanner and the rollers is the estimated value when using the A4 or Letter sized standard paper (64 g/m² or 80 g/m² [20 lb.]). It may vary depending on the kinds of paper, usage and cleaning intervals.

"Weight in pounds" of paper represents the weight of 500 (432×559 mm [17×22 in.]) sheets.

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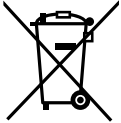
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Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Information on Disposal for India



For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized collection center, registered dismantler or recycler, or Panasonic service center when disposing of this product.

Please see the Panasonic website for further information on collection centers, etc.

<http://www.panasonic.co.in/wps/portal/home>

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Disposal may be regulated in your community due to environmental considerations. For disposal or recycling information, please visit Panasonic website: <http://www.panasonic.com/environmental> or call 1-888-769-0149.

Things you should keep a record of:

For your future reference

Date of purchase _____

Model number _____

Serial number _____

Dealer's name and address _____

Dealer's telephone number _____

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, New Jersey

07102-5490

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario, L4W 2T3

Panasonic Marketing Europe GmbH

Hagenauer Strasse 43, 65203 Wiesbaden, Germany

For information of Compliance with EU relevant Regulatory Directives, Contact to Authorised Representative:

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany

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