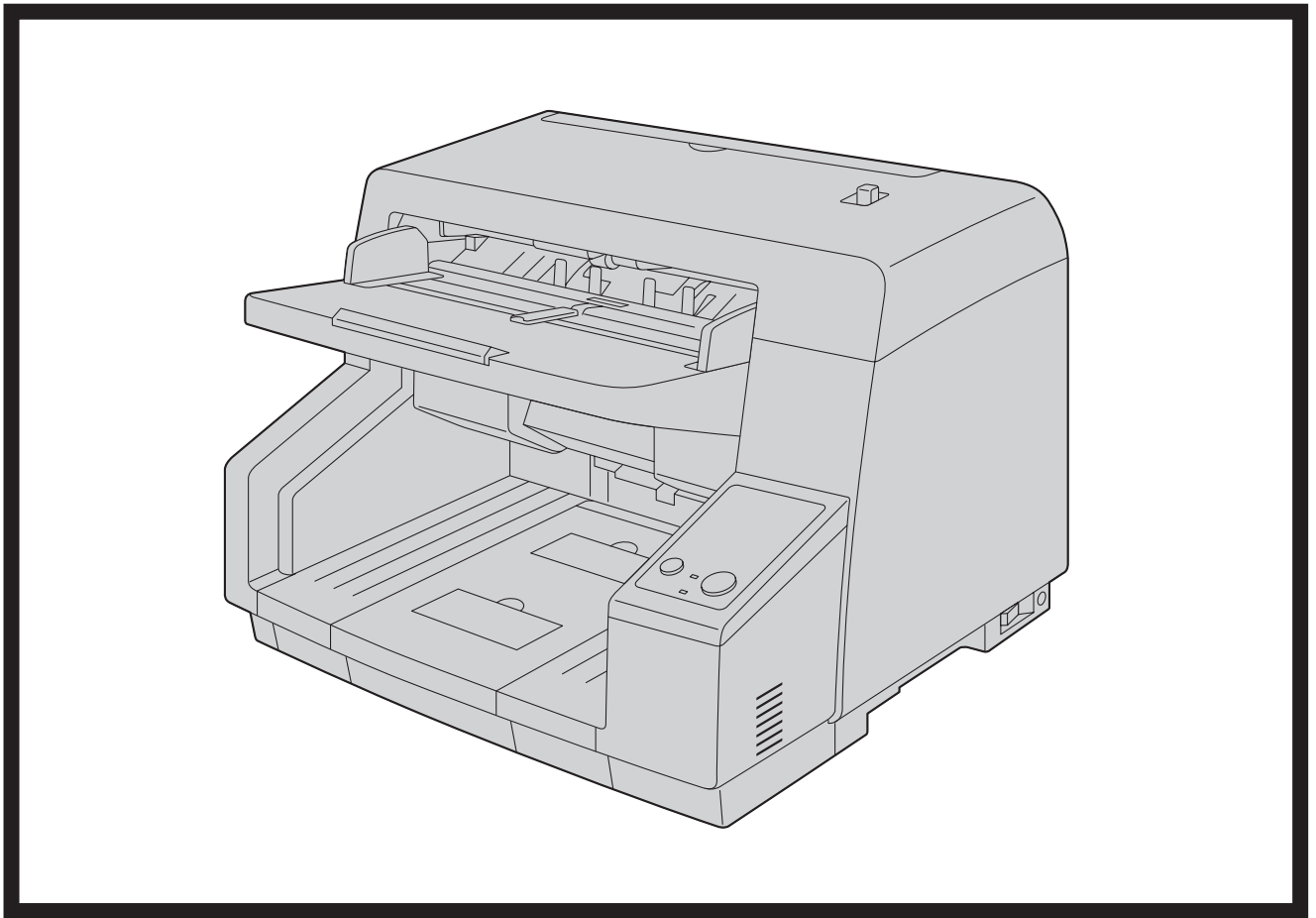# Panasonic®

Installation Manual
High Speed Color Scanner

Model No. KV-S5055C

These instructions contain information on installing the scanner. Please read this manual before installing the unit.
For information on operating the scanner, please read the Operating Manual on the CD-ROM enclosed with this unit.

Please carefully read this manual, and keep this documentation in a safe place for future reference.

Introduction

Thank you for purchasing a Panasonic High Speed Color Scanner.

Feature Highlights

Superior Paper Feeding

- This scanner features an advanced paper-feeding mechanism that adjusts the pressure of the rollers and the amount of time that the rollers are applied to the document according to the condition of the document. As a result, this scanner can scan a wide range of paper weights, from very thin 20 g/m^2 (5 lbs.) paper to very thick 157 g/m^2 (42 lbs.) paper.

High-speed Double Sided Scanning

- This scanner can scan documents at high speed, regardless of the image type (monochrome / color).
  Single sided: 90 pages/minute, double sided: 180 images/minute (200 dpi)
  Single sided: 60 pages/minute, double sided: 120 images/minute (300 dpi)
  * Speeds based on scanning A4 size paper in landscape orientation.

Support for High-efficiency Scanning Jobs

- Self-cleaning function
  This scanner contains an ionizer that, by emitting ions, reduces the amount of paper dust that accumulates on the scanning glass. This scanner also has self-cleaning brushes that clean paper dust off of the scanner glass.
- Stapled document detection
  This scanner has a stapled document detection function that detects documents that contain staples and stops scanning before any serious damage occurs.
- Double feed detection
  This scanner contains ultrasonic sensors that detect double feeding. Double feeding can be detected even if you scan documents that contain paper of various thicknesses.
- Double Feed Skip (DFS) function
  If scanning has been stopped because a double feed was detected, you can easily resume scanning by pressing the Double Feed Skip key (DFS key). When you scan documents that include items that you do not want to be detected as double feeding (for example, documents that have receipts attached, envelopes, etc.), the double feed detection function can be enabled and still scan these documents.

Other Features

- You can set the left and right document guides independently. By doing so, you can reliably scan documents of differing paper sizes.
- The paper feed path can be opened widely to easily removed jammed paper and perform maintenance.

About the documentation

The scanner documentation consists of 2 manuals: the Installation Manual and the Operating Manual.
In addition, each piece of software includes the help.

Installation Manual (this manual)	The Installation Manual explains the installation method and procedures.
Operating Manual (electronic documentation)	The Operating Manual explains the part names, operations, features and maintenance of the unit. The electronic documentation is located on the included CD-ROM. For details on viewing the documentation, see "Viewing Electronic Documentation" (page 20).
Software help	• You can view explanations about the settings for Panasonic Image Enhancement Technology (PIE) functions that are available on the ISIS driver screen and on the TWAIN driver screen by clicking the help button that appears on each of the software's operation screen. • You can view explanations about the settings for Image Capture Plus (ICP) by clicking the help button that appears on the software's operation screen. • You can view explanations for User Utility, which is used for maintenance, by clicking the help button that appears on the software's operation screen.

• You can also view the help for Image Capture Plus and User Utility from the Windows Start menu. For details about viewing the help, see "Viewing Manuals and Help Installed On Your Computer" (page 20).

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).

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.
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• IBM and AT are trademarks 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 Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
• All other trademarks identified herein are the property of their respective owners.

International ENERGY STAR Program

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)

<u>Note</u>

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Warning: To assure continued FCC compliance, the user must use only shielded interface cable and the provided power supply cord. Also, any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

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

Table of Contents

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 be performed carefully.
🚫 🚫 🚫 🚫	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 and Ground Connection

❗ 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.

⏚ To ensure safe operation, the power cord supplied must be inserted into a standard three-prong AC outlet which is effectively grounded (earthed) through the normal wiring.

⏚ The fact that the equipment operates satisfactorily does not imply that the power point is grounded (earthed) and that the installation is completely safe. For your safety, if in any doubt about the effective grounding (earthing) of the power point, consult a qualified electrician.

❗ If the plug cannot be inserted into the AC outlet, contact a licensed electrician to replace the AC outlet with a properly grounded (earthed) one.

🚫 Do not defeat the grounding (earthing) plug (ex. do not use a conversion plug).

❗ Plug the power cord firmly into an AC outlet. Otherwise, it can cause fire or electric shock.

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

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

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 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.

Operating Safeguards

If metal fragments 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 and plug. It may cause an electric shock.

Roller Cleaning Paper

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

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

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

⚠ CAUTION

Power

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

When the unit is not used over an extended period of time, switch it off, and unplug it. 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.

Do not block the air vents. Doing so can cause heat to build up, and may result in fire.

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.

Make sure that the unit is installed in a well ventilated room so as not to increase density of ozone in the air.
Since ozone is heavier than air, it is recommended that air at floor level be ventilated.

Move this unit with two persons, and hold it by both side grips. Dropping the unit can cause injury and damage to the unit.
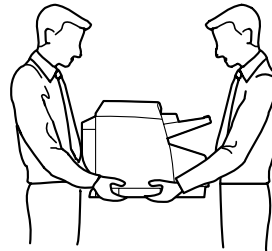
Operating Safeguards

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.

Do not touch the scanning glass or their surroundings immediately after continuous scanning.
This area is very hot and can cause burns.

Be careful not to pinch your fingers when closing the ADF door. It can cause injury.

Safety Information (For United Kingdom only)

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5 amp fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 5 amps 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 MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR PREMISES, THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT-OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.
If a new plug is to be fitted, please observe the wiring cord as shown below. If in any doubt, please consult a qualified electrician.

WARNING

THIS APPLIANCE MUST BE EARTHED.

IMPORTANT

The wires in this mains lead are coloured as follows:

Green-and-Yellow	:	Earth
Blue	:	Neutral
Brown	:	Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

The wire that is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug that is marked with the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.
The wire that is coloured BLUE must be connected to the terminal in the plug that is marked with the letter N or coloured BLACK.
The wire that is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

> **How to replace the fuse:**
> Open the fuse compartment with a screwdriver and replace the fuse and fuse cover.
>
>
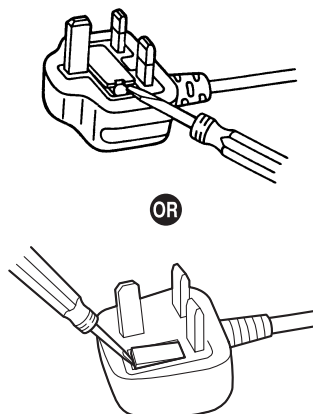
Precautions

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.

CD-ROM

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

Roller Cleaning Paper

- 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 and scanning glass.
- 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.

Replacement Parts

This unit includes the following replaceable parts. To purchase replacements, contact your dealer.
- Double feed prevention roller[1]
- Paper feed roller module[1]
- Roller cleaning paper (KV-SS03)

[1] We recommend that this part be replaced periodically. When purchasing a replacement, request a roller exchange kit (KV-SS039). For details, see "Replacement Parts and Optional Units" in the Operating Manual.

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.
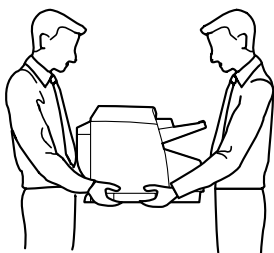
Installing the Unit

About the installation location

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

200 mm (7.9 in.)

200 mm (7.9 in.)

Top view

200 mm (7.9 in.)

250 mm (9.8 in.)
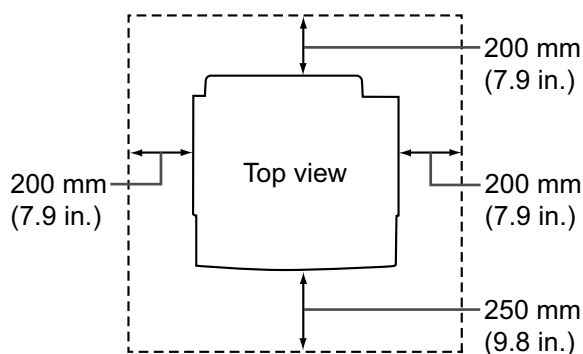
CAUTION

- Move this unit with two persons, and hold it by both side grips. Dropping the unit can cause injury and damage to the unit.
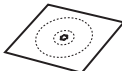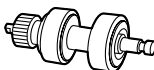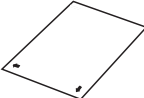

Notice

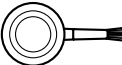- Do not move the unit immediately from a cold place to a warm place. It may cause dew.

Initial Setup

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

|	
	Power cord
	USB cable
	Drivers & Utilities / Manuals CD-ROM
	Double feed prevention roller
	Shading paper
	Roller cleaning paper
	Blower
	Installation Manual (this manual)
	Safety Guide[1] (for French, German, Spanish, Italian, Russian, and Portuguese only)

[1] Safety Guide may be included depending on country/area.

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 Drivers & Utilities / Manuals CD-ROM.
- Two power cords may be included. Use the power cord appropriate for where you use the unit.

2. Remove all packing tape.

**3.** Pull the ADF door release (①) towards you, and open the ADF door (②).
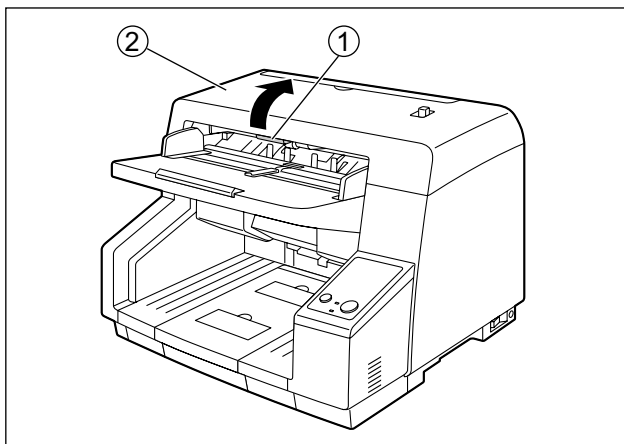
4. Pull towards you and remove the double feed prevention roller cover by using the indent (①).
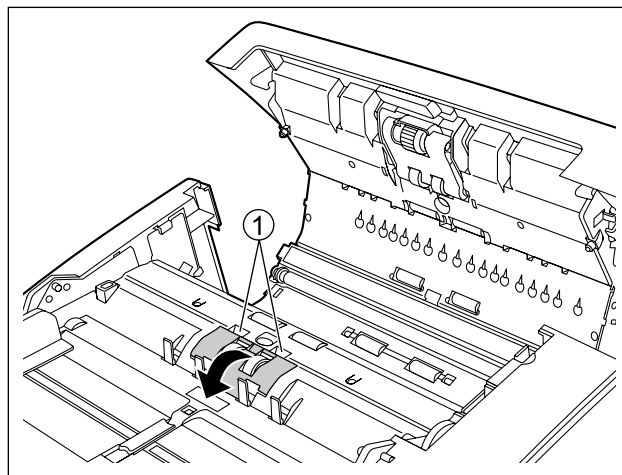
5. Install the double feed prevention roller.
- Align the shaft that is shaped as indicated by ① with the notch in the roller mount (②), and then insert the shaft in the notch. Push the shaft on the opposite side (③) until it clicks into place.
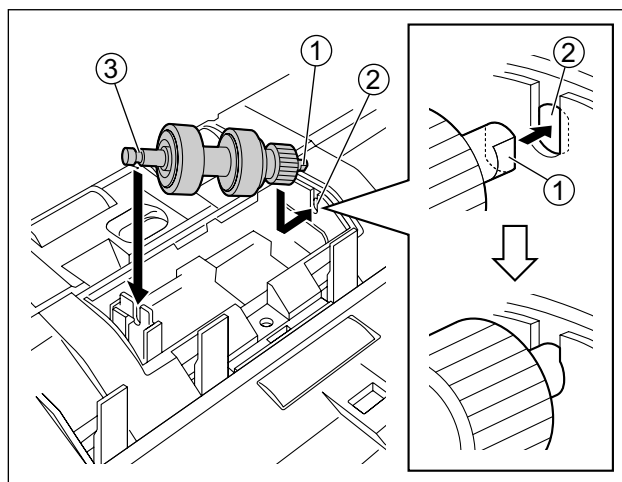
Notice

- After you install the double feed prevention roller, make sure that the shaft is inserted into the tab, and that the shaft will not rotate or move. If the roller is not installed correctly, it may cause double feeding or a paper jam.
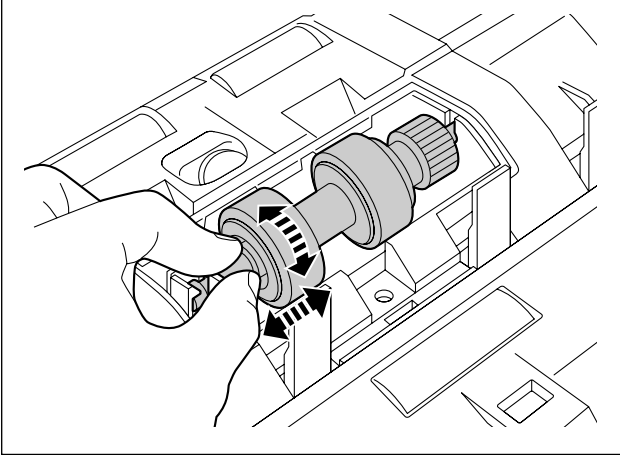
6. Insert the protrusion (①) of the double feed prevention roller cover into the hole on the main unit, and then push in the part of the roller cover indicated by ② in the direction indicated by the arrow until it clicks into place.
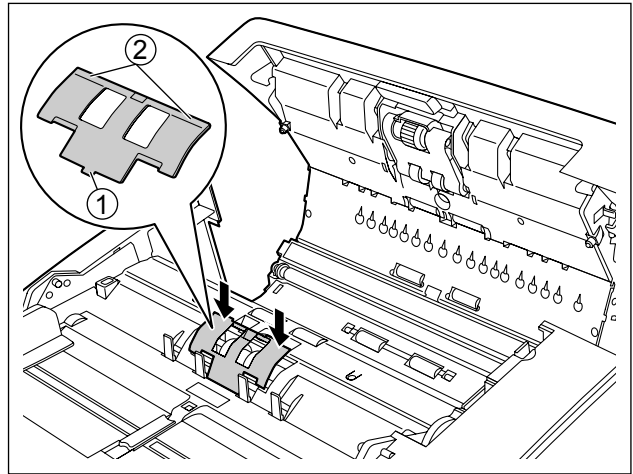
Notice

- Make sure that the double feed prevention roller cover does not stick up.
  If the double feed prevention roller cover is closed incompletely, damage or paper jams can occur.

7. Close the ADF door.
 • Push both sides of the ADF door down slowly until it clicks into place.
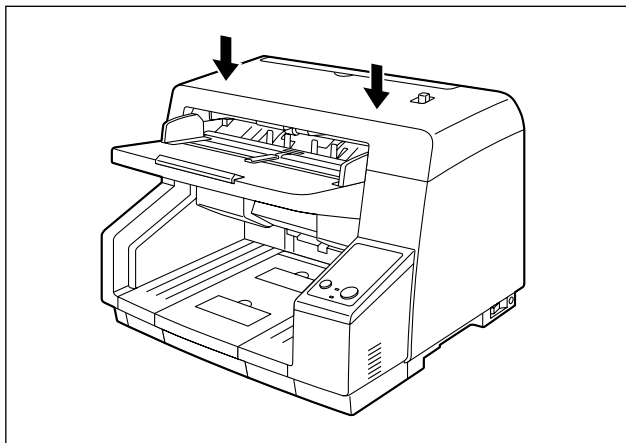
8. Connect the power cord and the USB cable to the scanner.

Notice

 • Use only the power cord that is provided with the unit.
 • Use the included USB cable or a certified Hi-Speed USB 2.0 cable.

AC inlet

Power cord

To the AC outlet

USB Cable   USB connector

To the computer
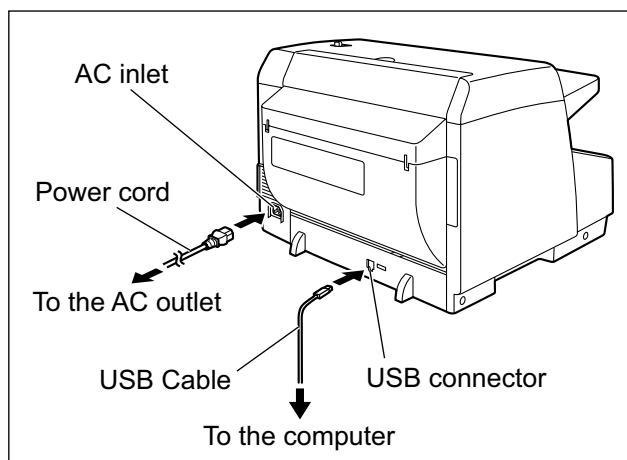
9. Install software (page 17).

10. Set the power switch of the scanner to "|" (ON).
 • The ready indicator lights green.

Ready indicator

Power switch
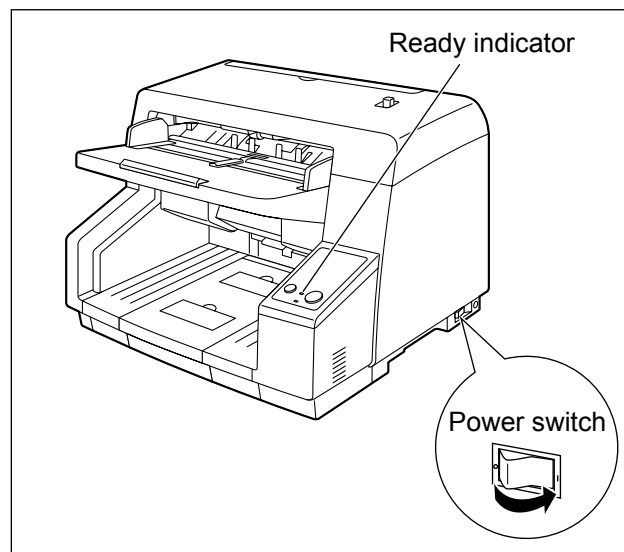
About Status Indicators

The status of the scanner is displayed by the ready indicator (①) and the error indicator (②), as shown in the table below:
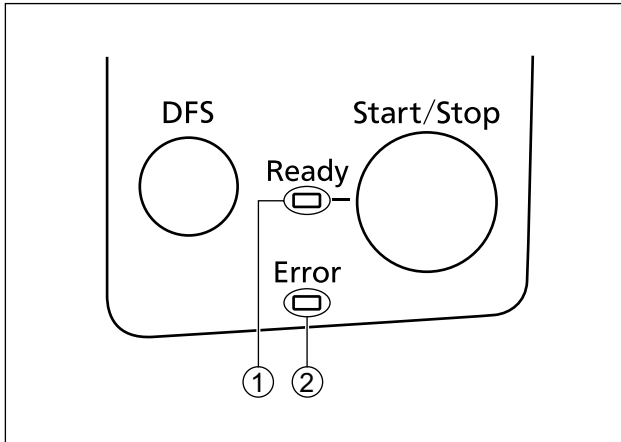
① Ready indicator (Green)	② Error indicator (Red)	Status
ON	OFF	Ready
ON	Blinking (Slow, Long ON)[*1]	Caution[*4]
OFF	ON	Error[*4]
Blinking (Slow, Long ON)[*1]	OFF	Sleep
Blinking (Slow, Long ON)[*1]	Blinking (Slow, Long ON)[*1]	Caution[*4] / Sleep
Blinking (Slow, Short ON)[*2]	OFF	Standby[*5]
Blinking (Slow, Short ON)[*2]	Blinking (Slow, Long ON)[*1]	Caution[*4] / Standby[*5]
Blinking (Fast)[*3]	OFF	Warming up
Blinking (2 times consecutively)	OFF	Double Feed Skip mode

[*1] On for 1 second and off for 1 second.
[*2] On for 1 second and off for 3 seconds.
[*3] On for 0.25 seconds and off for 0.25 seconds.
[*4] Check the status of the scanner using User Utility.
[*5] The scanner will enter Standby mode when no operation is performed for 30 minutes, to save power.
To use the scanner again, restart it by pressing any one of the buttons for more than 1 second. The time period before the scanner enters Standby mode can be configured in User Utility.
(The default setting varies depending on the country/area.)

Installing Software

System Requirements

Computer	IBM® PC/AT® or compatible machine with a CD-ROM drive
CPU	Intel® Core™ 2 Duo, 1.8 GHz or higher
Operating System	Windows XP / Windows Vista / Windows 7
Interface	USB 2.0
Memory	1 GB or higher
Hard Disk	5 GB or more free space is required.

Note

- 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 scanner to a USB hub, it is not guaranteed to work.

CD-ROM Contents

Drivers	Device Driver
	TWAIN[*2]
	ISIS
Applications	Image Capture Plus[*3]
Utilities	User Utility
Manuals[*1]	Installation Manual
	Operating Manual
Others	Control Sheet[*4]
	Warranty Information (U.S.A. only)

[*1] All manuals are in PDF format. To view manuals, Adobe® Reader® must be installed.
[*2] There is no TWAIN application on this CD-ROM.
[*3] Image Capture Plus is our original application software, and does not require either TWAIN driver or ISIS driver.
[*4] The control sheets are stored as PDF files. For use them, print the control sheets in the same size as the document pages to be scanned. For details, refer to "Using Control Sheets" in the Operating Manual.

Software Installation

The software on the enclosed CD-ROM can be installed on your computer.
You can select from the 4 installation methods below, depending on your needs.

a. **Complete**: Install all of the CD-ROM components.
b. **All Drivers & Utilities**: Install all of the CD-ROM components except for applications.
c. **Custom**: Install one of the drivers, utilities or manuals.
d. **Application**: Select and install Image Capture Plus.

Notice

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

1. Set the power switch of the scanner to "◯" (OFF).

2. Insert the included CD-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 [My Computer] ([Computer] in Windows Vista or Windows 7), select the CD/DVD drive, and then double-click "CDRun.exe".

3. Select your scanner model.

4. Select the desired installation methods from the "Installation" list on the left side of the screen.
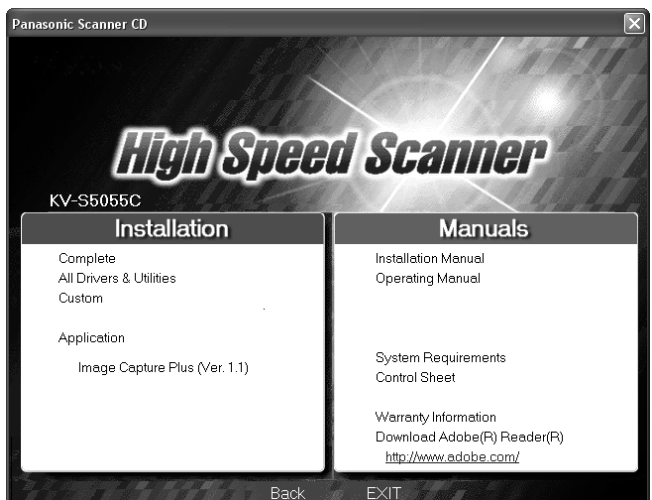
- If you selected [Complete] or [All Drivers & Utilities], continue to step 6.
- If you selected [Custom], continue to step 5.
- If you selected [Image Capture Plus] in "Application", continue to step 6.

5. If you selected [Custom] for the installation type in step 4, select the item that you want to install.

6. Follow the instructions on the screen.
- In Windows Vista or Windows 7, if a window appears with the message "Windows can't verify the publisher of this driver software", continue with the installation by selecting "Install this driver software anyway".

7. Set the power switch of the scanner to "|" (ON).
- If you installed a device driver, it is necessary to continue with the next step.

8. Follow the instructions of the hardware wizard to complete the installation.
- The installation process is performed automatically in Windows Vista or Windows 7.

Note

Continue with the installation even if a window appears with the message "Digital Signature was not found for this driver" or "has not passed Windows Logo testing...".

Uninstalling 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 [Add or Remove Programs].
- In Windows Vista or Windows 7, select [Uninstall a program].

2. Select the item that you want to uninstall.
- The software is displayed with the program names below:

Software	Program Name
Device driver	Panasonic High Speed Scanner Device Driver X.XX[*1]
TWAIN	KV-S5055C TWAIN Driver
ISIS	KV-S5055C ISIS Driver
Image Capture Plus	Image Capture Plus
User Utility	Panasonic Scanner User Utility

[*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.

Viewing Electronic Documentation

Viewing Manuals From the CD-ROM

All manuals on the CD-ROM can be viewed using Adobe Reader.

1. Insert the included CD-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 [My Computer] ([Computer] in Windows Vista or Windows 7), select the CD/DVD drive, and then double-click "CDRun.exe".

2. Select your scanner model.

3. Select a manual from the "Manuals" list on the right side of the screen.
   - The selected manual will open.

   Note
   - To view the electronic documentation, Adobe Reader must be installed on your computer. If your computer is connected to the Internet, you can download Adobe Reader by clicking the URL below "Download Adobe® Reader®".
     The URL is displayed in the "Manuals" list on the setup screen.

Viewing Manuals and Help Installed On Your Computer

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

Note
- To install manuals on your computer, see page 18.

To view the manuals

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 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], [User Utility], and then select [User Utility Help].

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

Uninstalling Manuals

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

1. In Control Panel, open [Add or Remove Programs].
- In Windows Vista or Windows 7, select [Uninstall a program].

2. Select "Panasonic Scanner Manuals".

**3.** Follow the instructions on the screen.

Troubleshooting

If a problem occurs while the scanner is being used, check the following items and check the scanner status with the User Utility. For other problems, refer to "Troubleshooting" in the Operating Manual.
If the unit still malfunctions, turn it OFF, unplug the power cord and call for service.

Symptom	Possible Cause	Remedy
The ready indicator does not light when the power switch is turned ON.	The power cord is not plugged in.	Insert the power plug firmly.
	Problem with power supply.	Disconnect the scanner from the electric outlet and call for service.
The computer does not recognize the scanner. The scanner is not functioning correctly.	The scanner is not connected to the computer correctly.	Connect the USB cable correctly.
	The software is not installed correctly.	Uninstall the software from the computer (page 19), and then install the software again (page 18).
	The USB interface of the computer is not installed correctly.	Check the computer whether the USB interface of your computer is installed correctly using the device manager's property.
	The scanner is connected via USB hub.	Do not connect via USB hub.
	There is a problem with the USB cable.	Use the included USB cable or a certified Hi-speed USB 2.0 cable.
	The scanner entered Standby mode after not being used for a certain period of time.	Restart the scanner by pressing any one of the buttons for more than 1 second so that the computer can recognize the scanner.

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)

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)
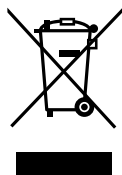
This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

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

For users in Turkey	Türkiye'deki kullanıcılar için
EEE Complies with Directive of Turkey.	EEE Yönetmeliğine Uygundur.

Things you should keep a record of:

For your future reference

_____

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

CE (For EU only)

Panasonic Corporation

Web Site: http://www.panasonic.com/

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