

BEFORE OPERATION

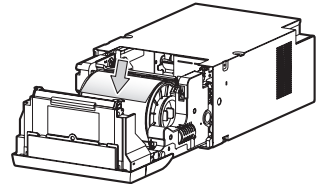
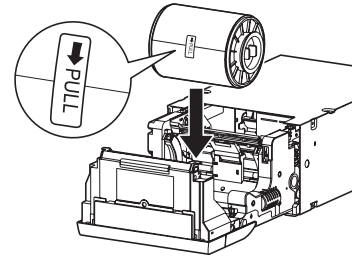
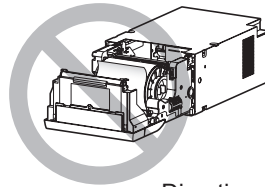
- 5 **Install the print paper into the printer.**
Place the printing paper in the correct orientation.
Make sure the paper roll is firmly installed.

CAUTION

Do not push down on the printing unit or the door.
If you push down on the printing unit or the door when they are open, this printer may fall and it can cause damage or injury.

NOTE

- Make sure to turn on the power before installing the print paper. Otherwise, a paper jam may occur.
- Load the paper roll slowly into the printer. If it is dropped along the ditches, the printer or accessories may be damaged.



Direction of paper insertion

- 6 **Remove the sticker and insert the print paper between the roller and guide as shown right to feed it. When the buzzer sounds, stop the paper feeding.**

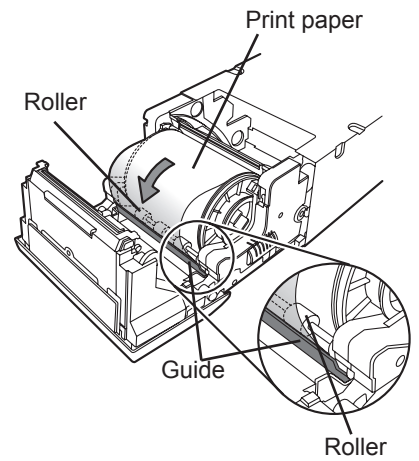
Remove the sticker before inserting the print paper between roller and guide. Make sure to insert the paper straight.
Buzzer continues to sound until the printing unit is closed.

NOTE

- Keep the rollers clean. Dirt on the rollers may produce poor print quality.

NOTE

- When taking the print paper out, pull it up toward you by holding the paper flanges.
- Make sure to turn on the power before replacing the print paper.
- Make sure to eliminate any slack from the print paper. If you carry out the following steps without eliminating the slack, the print paper may be damaged.



- 7 **Close the door.**

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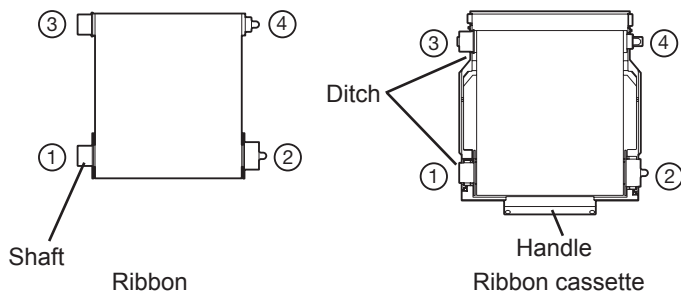
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RIBBON INSTALLATION

After installing the print paper, install the ribbon cassette into this printer.
 Before installing the ribbon cassette into this printer, load the ribbon in the ribbon cassette.
 It is recommended to clean the thermal head to keep good print quality when you replace the print paper and ribbon.

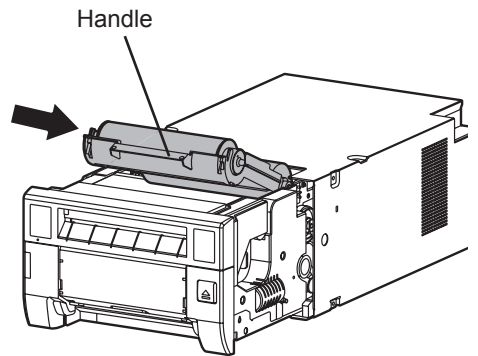
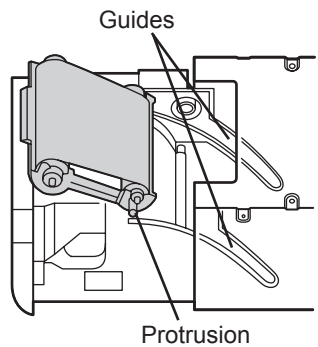
- NOTE**
- Place the ribbon cassette on a flat surface, when loading the ribbon.
 - Select a place that is free of dust when loading the ribbon. Dust or dirt settling on the ribbon results in poor print quality.
 - Make sure that the shafts of the ribbon fit into the ribbon cassette firmly.

1 Load the ribbon in the ribbon cassette as shown below.
 Make sure to load it in the correct position.



Make sure to set the ribbon roller to the ditches firmly.
 Turn the shaft to eliminate any slack.

2 Place the ribbon cassette containing the ribbon in the position as shown in the illustration.
 To insert the ribbon cassette, align the protrusions on both sides of the cassette with the right and left guides inside the printing unit and slide it in a slanting direction.
 Mount the ribbon cassette to the back firmly by holding the handle.



- NOTE**
- Do not touch the thermal head.
 Fingerprints or dust on the thermal head will degrade the print quality.

- CAUTION**
- Do not touch the thermal head right after printing because it is extremely hot. Otherwise you may get burned or injured.

- NOTE**
- Note that the thermal head is quite sensitive to static electricity. When you touch the thermal head while carrying static electricity on your body, the thermal head may be damaged.

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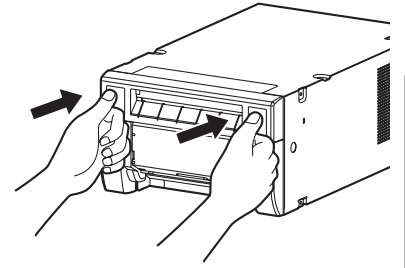
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BEFORE OPERATION

3 Push the printing unit to close.

Close the printing unit by pushing the right and left sides of the unit from the front with both hands.

When a new paper is loaded and the printing unit is closed with the power turned on, the paper will be automatically fed and cut.



CAUTION

When closing the printing unit, be careful not to get your hands caught between the printer and the printing unit. Otherwise, you may get injured.

NOTE

- When closing the printing unit, push it until a click is heard.
- If the PAPER RIBBON indicator illuminates when the printing unit is closed, the print paper may have not been installed correctly. In this case, open the printing unit to make sure that the print paper has been installed correctly. Then close the printing unit again.
- When the paper roll is reinstalled more than three times, the print paper may be used up earlier than the ribbon.

Installation of the print paper and the ribbon is completed.

NOTE

- Make sure to replace the print paper and the ribbon simultaneously. A large amount of print paper may remain depending on the used condition.

NOTE

- Empty the trim tray frequently to prevent jamming the strips at the print outlet. Whenever you replace the paper and ribbon, make sure to throw away the paper strips in the trim tray.
- Whenever you replace the print paper and the ribbon, clean the thermal head and the platen roller. For the cleaning procedures, see [“CLEANING”](#) (on pages 20 and 21).

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HANDLING OF PAPER / RIBBON KIT

■ BEFORE PRINTING

- Fingerprints or dust on the paper printing surface may produce poor print quality and cause paper jams.
- When the print paper or ribbon is abruptly transferred from a cool place to a hot place, vapor or dew is generated on the surface, which causes paper jams or degraded print quality. Leave the print paper in the room to stabilize its temperature before use.
- If you repeat the PRINT PAPER INSTALLATION procedure more than the designated number of times, the indicated number of prints may not be made. In addition, if you replace the print paper before it is used up, the indicated number of prints may not be made.

■ AFTER PRINTING

- If the paper absorbs nonvolatile organic solvents (alcohol, ester, ketone, etc.) the print may be discolored.
- Discoloration of prints is accelerated if the print paper comes into contact with soft vinyl chloride such as transparent tape.
- Avoid storing prints in direct sunlight or places with high humidity.

■ STORAGE OF PAPER / RIBBON KIT

- Do not store the print paper and ribbon in the container made of soft polyvinyl chloride. They may be discolored because of chemical reaction.
- Store the print paper and ribbon out of direct sunlight and away from heating appliances in a cool, dark place where the temperature is 5°C to 30°C and the humidity is 20% to 60% RH.

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CONNECTION WITH USB DATA SIGNAL EQUIPMENT

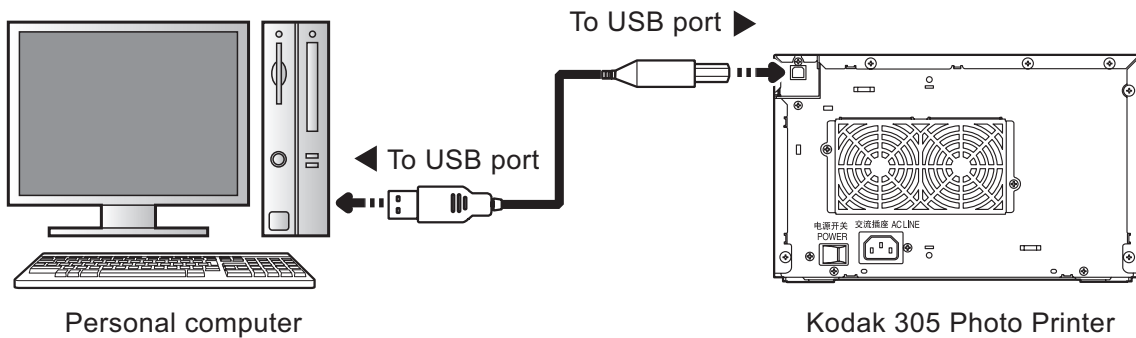
CONNECTING TO PERSONAL COMPUTER (EXAMPLE)

Check that the printer is turned on before connecting procedure.

- 1 Turn on the power of a personal computer.
- 2 Connect the printer and a personal computer with a USB cable. (when the operation system to be applied is other than Windows® 7)
Connect the printer to a personal computer as shown below.

NOTE

For Windows® 7 users, do not connect the printer to the computer.
Refer to the PRINTER DRIVER GUIDE in the CD-ROM for details.



NOTE

A USB cable is not supplied with this printer. Use the USB 2.0 certified cable of 2 m or less in length.

PRINTER DRIVER INSTALLATION

The printer driver is required to print the data from the personal computer connected with this printer. The printer driver for Windows® is supplied with this printer.

Product name	Required operating system
EK305_WinXP	Applies for Microsoft Windows® XP operation system
EK305_WinVista7	Applies for Windows Vista® and Windows® 7 operation system

- Refer to the PRINTER DRIVER GUIDE in the CD-ROM for installing the printer driver.
Microsoft, Windows, Windows XP, Windows Vista and Windows 7 are the trademarks or the registered trademarks of Microsoft Corporation in the U.S.A. and other countries.

NOTE

Refer to the following website to check the latest version of the printer driver and the printer information.
<http://www.kodak.com/go/rss>

ERROR MESSAGES AND COUNTERMEASURES

INDICATIONS ON THE FRONT PANEL AND COUNTERMEASURES

■ If, for some reason, printing is not possible or an error occurs during printing, the indicators on the front panel will illuminate or blink. In this case, follow the procedure described below.

☉: Steady on ●: Off ☉●: Blinking

ALARM	PAPER RIBBON	POWER	Causes and Countermeasures	Page
●	●	☉ (Orange)	This printer is in standby mode. Connect a USB cable to the printer when not connected. It may take time that the printer is ready to print images after the image data is sent.	7 15
☉●	●	☉ (Green)	The printing unit is open. • Close the printing unit.	7
☉●	☉●	☉ (Green)	A paper jam or a problem concerning the ribbon occurs. • Refer to “Overcoming paper jams.”	17
●	●	☉● (Green)	The temperature of the thermal head is too high or too low. • Wait until the indication goes off. When the indicator stops blinking, the printer resumes printing automatically. While the printer is working, do not open the door or turn off the power.	7
●	☉●	☉ (Green)	The ribbon which is not available to this printer is installed. • Replace the ribbon with a new one. The actual combination of ribbon and print paper is inconsistent with the setting made by the personal computer. • Open the printing unit and confirm that the actual combination of ribbon and print paper is consistent with the setting made by the personal computer. After checking, close the printing unit.	12-13
●	☉	☉ (Green)	The print paper or ribbon is not installed. The print paper or ribbon is used up. • Install new print paper or ribbon.	10-13
☉	●	☉ (Green)	Other errors	19

When the ALARM or the PAPER RIBBON indicator illuminates or blinks, open the door and carry out the above countermeasures.

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OVERCOMING PAPER JAMS

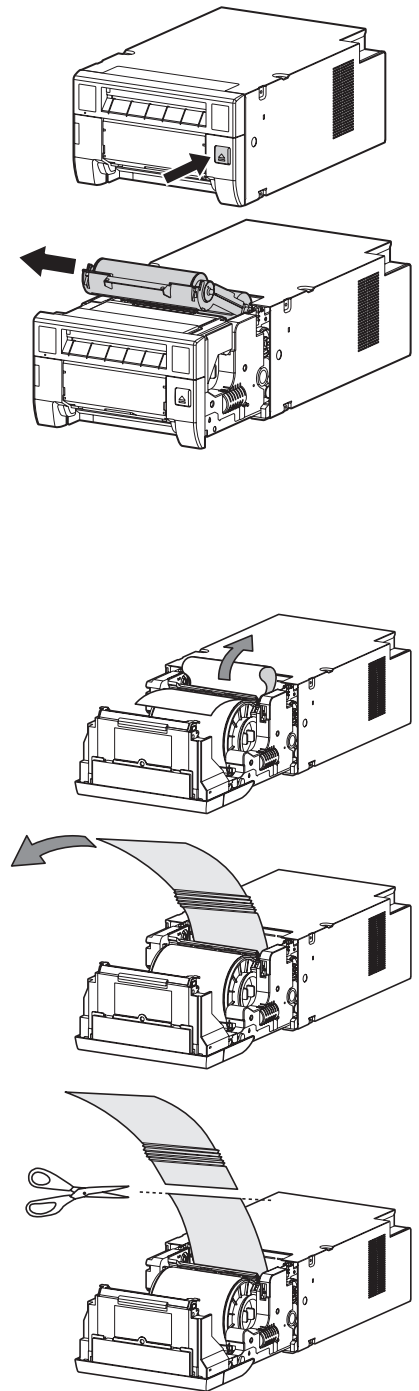
- 1 **Press the OPEN button to open the printing unit.**
Make sure that the power is turned on before opening the printing unit.
- 2 **Remove the ribbon cassette.**
- 3 **Open the door.**
- 4 **Pull out the defective part of the print paper to the direction of an arrow.**
- 5 **Cut off the defective part of the print paper with scissors.**

NOTE

 - Make sure to cut off the printed part of the print paper. Failure to do this may result in the ribbon sticking to the print paper and being torn.
 - Make sure to clean the thermal head and the platen roller. Refer to "CLEANING" (on pages 20 and 21).
- 6 **Remove the print paper.**

NOTE

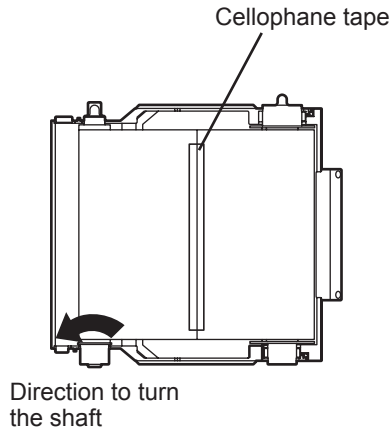
 - Remove the slack from the print paper completely. If the door is closed with the print paper slacked, it may cause a paper jam.
- 7 **Install the print paper and the ribbon cassette with the ribbon.**
(Refer to pages 10-14.)
- 8 **Close the door.**
- 9 **Close the printing unit by pushing it.**



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REPAIRING A TORN RIBBON

- 1 Position the ribbon cassette with the torn ribbon on a flat, clean surface.
- 2 Place a piece of transparent adhesive cellophane tape on the center of the ribbon.



- 3 Wind the shaft of the ribbon in the direction of the arrow so that the cellophane tape is not seen.
- 4 Install the ribbon cassette in the printer.

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ERROR MESSAGES AND COUNTERMEASURES

BEFORE CALLING FOR SERVICE

■ For the following symptoms, check the printer again before calling for service.

Symptom	Check & Remedy
The power is not turned on.	Is the power cord plug disconnected from the outlet? → Connect the power cord plug to the outlet firmly. → The protective circuit may be working. Turn off the power and wait for about two minutes. Then turn on the power again.
The printing unit doesn't open.	Are you turning off the power during printing procedure? → Turn on the power and then open the printing unit.
The image is not printed.	Is the PAPER RIBBON indicator or the ALARM indicator illuminating or blinking? → Refer to "Overcoming paper jams." Is the appropriate size of data sent to this printer? → Make sure that the appropriate size of image data is sent to this printer. Is the print paper or the ribbon used up? → Check them. Is the printing unit set firmly? → Set the printing unit firmly. → When the indicators keep illuminating or blinking though the above operations are performed, remove the ribbon and print paper and reinstall them.
An error can not be resolved.	→ Turn off and on the power of the printer with the printing unit set firmly. This printer starts initialization. → Press the switch inside of the hole of the front panel with a thin stick or the like for 5 seconds or more.

The diagram shows the front panel of the printer. A callout box highlights a specific area on the left side of the panel, which contains three indicator lights: a power icon, a paper/ribbon icon, and an alarm icon. Below this callout, a line points to a small rectangular hole in the front panel, labeled 'Switch'. Another line points to the printer's main control panel on the right side of the front panel.

INSTRUCTIONS FOR TRANSPORTATION

When transporting this printer for some reason such as repair, follow the instructions below.

- 1. Use the original packaging.**
 The genuine package unit may not endure more than one round trip. If the printer is transported with the package unit more than one round trip, it may not be guaranteed.
 Purchase another package unit when transporting this printer again.
 Pack the printer with the accessories (ribbon and print paper) removed.
- 2. Close the printing unit firmly.**
 When closing the printing unit, push it until a click is heard.

CAUTION

When the printing unit is not closed firmly or you press the OPEN button accidentally, the printing unit may open. It can cause injury or damage.

- 3. If the ribbon, print paper, or ribbon cassette can not be taken out, consult with your dealer.**

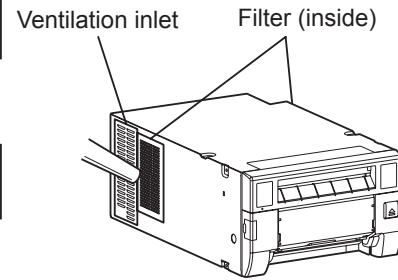
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CLEANING

Cleaning as indicated below will help maintain stable printer operation and extend the printer's life. Wearing gloves at cleaning is recommended to prevent injury. **Make sure to turn off the power before cleaning.**

FILTER CLEANING

Clean the filter part and the ventilation inlet with a vacuum as shown right.



THERMAL HEAD CLEANING

- 1 Press the OPEN button to open the printing unit.
- 2 Take the ribbon cassette out of the printer.

Preparations

- Alcohol (ethyl alcohol, etc.)
- Soft and clean cloth

When lines appear on the printed images, clean the thermal head. Wipe the head cleaning part carefully with cloth dampened with a small amount of alcohol.

NOTE

- Do not damage the thermal head.
- When the poor print quality is not corrected even if the head has been cleaned, replacement of the thermal head may be required. Contact your dealer.

CAUTION



Thermal head is hot right after printing. Wait until the head cools before cleaning the thermal head.

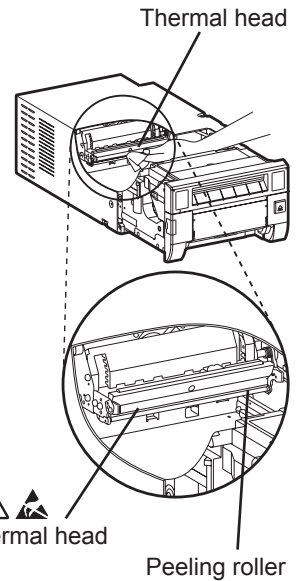
NOTE



The thermal head may be damaged if you touch it while static electricity builds up on your body.

NOTE

When you clean the thermal head, make sure not to apply excessive force to the peeling roller on the bottom of the thermal head. When the excessive force is applied to the roller, the roller may be deformed, resulting in deterioration of the printing quality.



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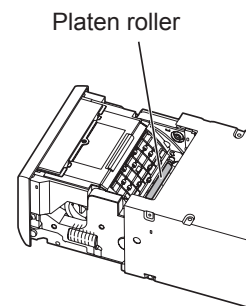
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PLATEN ROLLER CLEANING

Preparations

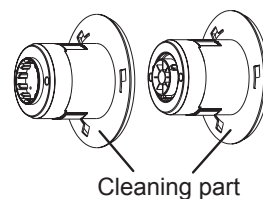
- Alcohol (ethyl alcohol, etc.)
- Soft and clean cloth

Clean the black part of the roller.
Wipe the black part carefully with cloth dampened with a small amount of alcohol.
Wipe the whole roller by turning it.



PAPER FLANGE CLEANING

Clean the parts that contact the print paper sides as shown right.
Wipe the parts carefully with cloth dampened with a small amount of alcohol.



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SPECIFICATIONS

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Class	Digital Photo Printer	
Model	Kodak 305 Photo Printer	
Printing method	Sublimation Dye Thermal Transfer line print 3-color faces progressive printing (yellow, magenta, and cyan) and surface lamination	
Print's resolution	(dpi : dots per inch)	
Dot resolution	10x15 (4x6")	1218 x 1864 dots
	15x20 (6x8")	1864 x 2422 dots
Print size	10x15 (4x6")	102 x 152mm (without frame)
	15x20 (6x8")	152 x 203mm (without frame)
Gradations	256 (8 bits) for each color	
Supply method	Automatic	
Interface	Hi-Speed USB (Ver.2.0)	
Power supply	220 - 240 V AC 50/60 Hz, 120 V AC 50/60 Hz	
Power consumption	2.4 A (220 - 240 V AC, 50/60 Hz)	
	4.6 A (120 V AC, 50/60 Hz)	
Operating conditions	Temperature : 15°C - 30°C	
	Humidity : 30% - 80% RH (no dewing)	
Installation conditions	Operating attitude : Horizontal ±5°	
Outside dimensions	275(W) x 446(D) x 170(H) mm	
Weight	Approx. 12 kg (excluding accessories)	
Standard accessories	Ribbon cassette (1), CD-ROM (1), Paper flange (1 set), Quick set up guide (1), Trim tray (1), Paper tray (1)	

Print size and outside dimensions show typical value.
Design and specifications are subject to change without notice.

■ Contents of CD-ROM

- User's guide
- Printer driver
- PRINTER DRIVER GUIDE

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