

PM-520 Series

User's Guide

Copyright

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Seiko Epson Corporation. No patent liability is assumed with respect to the use of the information contained herein. Neither is any liability assumed for damages resulting from the use of the information herein. The information contained herein is designed only for use with this Epson product. Epson is not responsible for any use of this information as applied to other products.

Neither Seiko Epson Corporation nor its affiliates shall be liable to the purchaser of this product or third parties for damages, losses, costs, or expenses incurred by the purchaser or third parties as a result of accident, misuse, or abuse of this product or unauthorized modifications, repairs, or alterations to this product, or (excluding the U.S.) failure to strictly comply with Seiko Epson Corporation's operating and maintenance instructions.

Seiko Epson Corporation and its affiliates shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as Original Epson Products or Epson Approved Products by Seiko Epson Corporation.

Seiko Epson Corporation shall not be held liable for any damage resulting from electromagnetic interference that occurs from the use of any interface cables other than those designated as Epson Approved Products by Seiko Epson Corporation.

©Seiko Epson Corporation 2016.

The contents of this manual and the specifications of this product are subject to change without notice.

Trademarks

- ❑ EPSON® is a registered trademark, and EPSON EXCEED YOUR VISION or EXCEED YOUR VISION is a trademark of Seiko Epson Corporation.
- ❑ PRINT Image Matching™ and the PRINT Image Matching logo are trademarks of Seiko Epson Corporation. Copyright © 2001 Seiko Epson Corporation. All rights reserved.
- ❑ SDXC Logo is a trademark of SD-3C, LLC.



- ❑ PictBridge is a trademark.



- ❑ Microsoft®, Windows®, and Windows Vista® are registered trademarks of Microsoft Corporation.
- ❑ Apple, Macintosh, Mac OS, OS X, Bonjour, Safari, iPad, iPhone, iPod touch, and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. AirPrint and the AirPrint logo are trademarks of Apple Inc.
- ❑ Google Cloud Print™, Chrome™, Chrome OS™, and Android™ are trademarks of Google Inc.
- ❑ Adobe and Adobe Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- ❑ General Notice: Other product names used herein are for identification purposes only and may be trademarks of their respective owners. Epson disclaims any and all rights in those marks.

About This Manual

Introduction to the Manuals

The following manuals are supplied with your Epson printer. As well as the manuals, check the various types of help information available from the printer itself or from the Epson software applications.

❑ Start Here (paper manual)

Provides you with information on setting up the printer.

❑ Operation Guide (paper manual)

Provides instructions on using the printer, replacing ink cartridges, maintenance, and solving problems.

❑ User's Guide (digital manual)

This manual. Provides overall information and instructions on using the printer, on network settings when using the printer on a network, and on solving problems.

You can obtain the latest versions of the above manuals with the following methods.

❑ Paper manual

Visit the Epson worldwide support website at <http://support.epson.net/>.

❑ Digital manual

Start EPSON Software Updater on your computer. EPSON Software Updater checks for available updates of Epson software applications and the digital manuals, and allows you to download the latest ones.

Related Information

➔ [“EPSON Software Updater” on page 100](#)

Marks and Symbols



Caution:

Instructions that must be followed carefully to avoid bodily injury.



Important:

Instructions that must be observed to avoid damage to your equipment.

Note:

Provides complementary and reference information.



Related Information

Links to related sections.

Descriptions Used in this Manual

- ❑ Screenshots of the printer driver screens are from Windows 10 or Mac OS X v10.11.x. The content displayed on the screens varies depending on the model and situation.
- ❑ Illustrations of the printer used in this manual are examples only. Although there may be slight differences depending on the model, the method of operation is the same.
- ❑ Some of the menu items on the LCD screen vary depending on the model and settings.

Operating System References

Windows

In this manual, terms such as "Windows 10", "Windows 8.1", "Windows 8", "Windows 7", "Windows Vista", and "Windows XP" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- ❑ Microsoft® Windows® 10 operating system
- ❑ Microsoft® Windows® 8.1 operating system
- ❑ Microsoft® Windows® 8 operating system
- ❑ Microsoft® Windows® 7 operating system
- ❑ Microsoft® Windows Vista® operating system
- ❑ Microsoft® Windows® XP operating system
- ❑ Microsoft® Windows® XP Professional x64 Edition operating system

Mac OS X

In this manual, "Mac OS X v10.11.x" refers to OS X El Capitan, "Mac OS X v10.10.x" refers to OS X Yosemite, "Mac OS X v10.9.x" refers to OS X Mavericks, and "Mac OS X v10.8.x" refers to OS X Mountain Lion. Additionally, "Mac OS X" is used to refer to "Mac OS X v10.11.x", "Mac OS X v10.10.x", "Mac OS X v10.9.x", "Mac OS X v10.8.x", "Mac OS X v10.7.x", and "Mac OS X v10.6.8".

Important Instructions

Safety Instructions

Read and follow these instructions to ensure safe use of this printer. Make sure you keep this manual for future reference. Also, be sure to follow all warnings and instructions marked on the printer.

- ❑ Some of the symbols used on your printer are to ensure safety and proper use of the printer. Visit the following Web site to learn the meaning of the symbols.

<http://support.epson.net/symbols>

- ❑ Use only the power cord supplied with the printer and do not use the cord with any other equipment. Use of other cords with this printer or the use of the supplied power cord with other equipment may result in fire or electric shock.
- ❑ Use only the type of power source indicated on the AC adapter's label, and always supply power directly from a standard domestic electrical outlet with the AC power cord that meets the relevant local safety standards.
- ❑ Never disassemble, modify, or attempt to repair the AC adapter, power cord, printer, and options by yourself except as specifically explained in the printer's guides. Doing so may result in injury, electric shock, or fire.
- ❑ Unplug the printer and the AC adapter, and refer servicing to qualified service personnel under the following conditions:
The power cord or plug is damaged; liquid has entered the printer or the AC adapter; the printer or the AC adapter has been dropped or the casing damaged; the printer or the AC adapter does not operate normally or exhibits a distinct change in performance. Do not adjust controls that are not covered by the operating instructions.
- ❑ Place AC adapter near a wall outlet where the plug can be easily unplugged.
- ❑ Do not leave the printer in direct sunlight, near heaters, inside cars or other locations that are subject to high temperatures. The printer may be deformed or ink may leak.
- ❑ Take care not to spill liquid on the printer and the AC adapter, and not to handle the printer and the AC adapter with wet hands.
- ❑ The AC adapter model A461H or A462E is designed for use with the printer with which it was included. Do not attempt to use it with other electronic devices unless specified.
- ❑ Keep the printer at least 22 cm away from cardiac pacemakers. Radio waves from this printer may adversely affect the operation of cardiac pacemakers.
- ❑ If the LCD screen is damaged, contact your dealer. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- ❑ If you use the printer in places where the use of electronic devices is limited, such as in airplanes or hospitals, follow all instructions in those places.
- ❑ Be careful when you handle used ink cartridges, as there may be some ink around the ink supply port.
 - ❑ If ink gets on your skin, wash the area thoroughly with soap and water.
 - ❑ If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
 - ❑ If ink gets into your mouth, see a doctor right away.
- ❑ Do not disassemble the ink cartridge and the maintenance box; otherwise ink may get into your eyes or on your skin.

Important Instructions

- ❑ Do not shake ink cartridges too vigorously and do not drop them. Also, be careful not to squeeze them or tear their labels. Doing so may cause ink leakage.
- ❑ Keep ink cartridges and maintenance box out of the reach of children.

Safety Instructions for the Battery

- ❑ Use an Epson Li-ion battery model C12C932941 or C12C932951 for this printer according to the directions in the user documentation. Do not use the battery with non-rechargeable batteries (primary cell batteries) or with rechargeable batteries (secondary cell batteries) of different capacities or types. Use of batteries not designed for this printer can cause excessive discharging during use, and an excessive current to flow during charging. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not place the battery in a microwave oven or a high-pressure container. Otherwise, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not drop or throw the battery or subject it to strong shocks. Otherwise, the battery could leak or the protection circuit in the battery could be damaged. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not use or leave the battery in a hot location (more than 50°C), such as near a fire or a heater. Otherwise, the plastic separator could melt and the individual cells could short-circuit. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not leave the battery in a vehicle. Otherwise, the battery could overheat.
- ❑ Do not expose the battery to high humidity.
- ❑ Do not handle the battery with wet hands or use it in locations near water. If the battery gets wet or is immersed in water, an excessive current will flow during charging. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not incinerate or heat the battery. Otherwise, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not allow the battery to come into contact with metals objects, such as coins and keys. Do not carry or store the battery with metal objects. Otherwise, the battery could short-circuit. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not touch battery terminals.
- ❑ If overheating, discoloration, or deformation occur, remove the battery from the printer and do not use it.
- ❑ Do not connect the battery to an electrical outlet or to an automobile cigarette lighter receptacle. High voltage to the battery will cause an excessive current to flow. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not short-circuit the battery.
- ❑ Do not remove the outside case of the battery to protect against short circuits.
- ❑ Do not puncture, strike, or step on the battery. If the battery is broken or deformed, it could short-circuit. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not insert objects into any openings as they may touch dangerous voltage points or short-circuit components.
- ❑ Do not solder any item directly to the battery. Otherwise, the insulator could melt, or the gas vent or the safety function could be damaged. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ If a battery is swallowed, seek medical treatment immediately.

Important Instructions

- ❑ Do not disassemble or modify the battery. To prevent accidents, the battery is equipped with a safety function and protection circuit. If the safety function or protection circuit is damaged, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not use the battery if it is leaking or damaged in any way. Otherwise, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ If the liquid leaks from the battery (or the battery gives out bad smell), let the battery leave from flammable objects immediately. Unless do that, the electrolyte leaked from battery will catch fire and it will cause the smoke, flame or rupture of it.
- ❑ If battery acid gets in your eyes, immediately rinse your eyes thoroughly with fresh water without rubbing them. And then, see a doctor immediately. Otherwise, permanent eye damage could result.
- ❑ If battery acid gets on your skin, immediately rinse the affected area thoroughly with water. And then, see a doctor immediately.
- ❑ Use only AC adapter model A461H or A462E to charge the battery and operate the printer.
- ❑ Do not charge or use the battery with devices other than the specified product. Otherwise, the performance and life of the battery could decrease. In addition, the battery or device could be damaged and cause an abnormal current to flow. As a result, the battery could become hot, emit smoke, rupture, catch fire, or explode.
- ❑ Use the specified charger and observe the charging requirements. Otherwise, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not charge the battery near an open flame or in very hot locations. If the protection circuit in the battery is activated, you will not be able to charge the battery. If the protection circuit is damaged, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ If the battery is not fully charged within the specified time, stop charging. Otherwise, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ The battery has polarity. Do not forcefully connect the battery to the charger or product even if the battery cannot be connected easily. Be sure to confirm the polarity of the battery when connecting it. Do not reverse the polarity of the battery connections (terminals). If the battery is connected incorrectly during charging, the battery will be reverse-charged and an abnormal chemical reaction could occur in the battery. As a result, the battery could become hot, emit smoke, rupture, or catch fire.
- ❑ Do not reverse the polarity of the battery connections (terminals). If the battery is connected incorrectly during charging, the battery will be reverse-charged and an abnormal chemical reaction could occur in the battery. If the battery is connected incorrectly during discharging, an excessive current could flow. As a result, the battery could become hot, emit smoke, rupture, or catch fire.

Printer Advisories and Warnings

Read and follow these instructions to avoid damaging the printer or your property. Make sure you keep this manual for future reference.

Advisories and Warnings for Setting Up/Using the Printer

- ❑ Do not block or cover the vents and openings in the printer.
- ❑ Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- ❑ Avoid electrical outlets controlled by wall switches or automatic timers.
- ❑ Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.

Important Instructions

- ❑ The AC adapter cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the power-supply cord and do not allow the AC adapter or the cord to be stepped on or run over. Be particularly careful to keep the cord straight at the ends.
- ❑ If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- ❑ If you plan to use the AC adapter in Germany, the building installation must be protected by a 10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for the printer.
- ❑ When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- ❑ Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. The printer will not operate properly if it is tilted at an angle.
- ❑ Leave enough space in front of the printer for the paper to be fully ejected.
- ❑ Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer and the AC adapter away from direct sunlight, strong light, water, or heat sources.
- ❑ Do not insert objects through the slots in the printer.
- ❑ Do not put your hand inside the printer during printing.
- ❑ Do not touch the white flat cable inside the printer.
- ❑ Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- ❑ Do not move the print head by hand; otherwise, you may damage the printer.
- ❑ Always turn the printer off using the  button. When the optional battery is not connected, do not unplug the printer or turn off the power at the outlet until the power light stops flashing.
- ❑ Before transporting the printer, make sure that the print head is in the home (far right) position and the ink cartridge is in place.
- ❑ If you are not going to use the printer for a long period, be sure to unplug the AC adapter from the electrical outlet.

Advisories and Warnings for Using the Printer with a Wireless Connection

- ❑ Radio waves from this printer may negatively affect the operation of medical electronic equipment, causing them to malfunction. When using this printer inside medical facilities or near medical equipment, follow directions from the authorized personnel representing the medical facilities, and follow all posted warnings and directions on the medical equipment.
- ❑ Radio waves from this printer may negatively affect the operation of automatically controlled devices such as automatic doors or fire alarms, and could lead to accidents due to malfunction. When using this printer near automatically controlled devices, follow all posted warnings and directions on these devices.

Advisories and Warnings for Using Memory Cards

- ❑ Do not remove a memory card or turn off the printer while the memory card light is flashing.
- ❑ The methods for using memory cards vary according to card type. Be sure to refer to the manual packaged with your memory card for details.

Important Instructions

- ❑ Use only memory cards compatible with the printer.

Advisories and Warnings for Using the LCD Screen

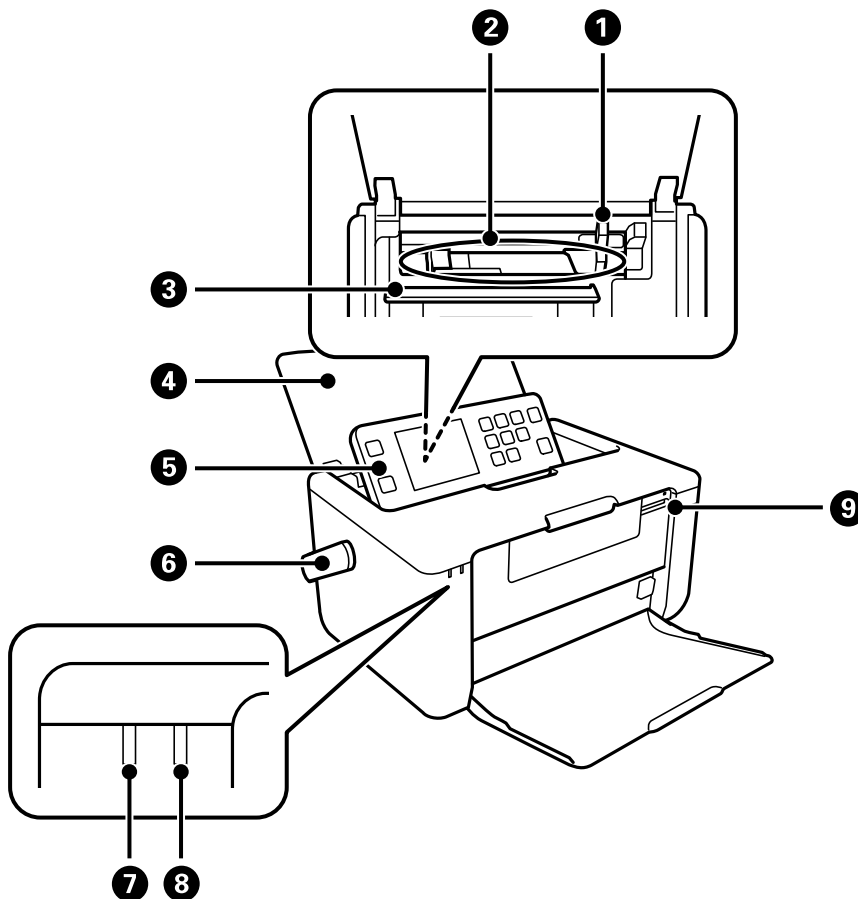
- ❑ The LCD screen may contain a few small bright or dark spots, and because of its features it may have an uneven brightness. These are normal and do not indicate that it is damaged in any way.
- ❑ Only use a dry, soft cloth for cleaning. Do not use liquid or chemical cleaners.
- ❑ The exterior cover of the LCD screen could break if it receives a heavy impact. Contact your dealer if the screen's surface chips or cracks, and do not touch or attempt to remove the broken pieces.

Protecting Your Personal Information

When you give the printer to someone else or dispose of it, erase all the personal information stored in the printer's memory by selecting **Setup > Restore Default Settings > All Settings** on the control panel.

Printer Basics

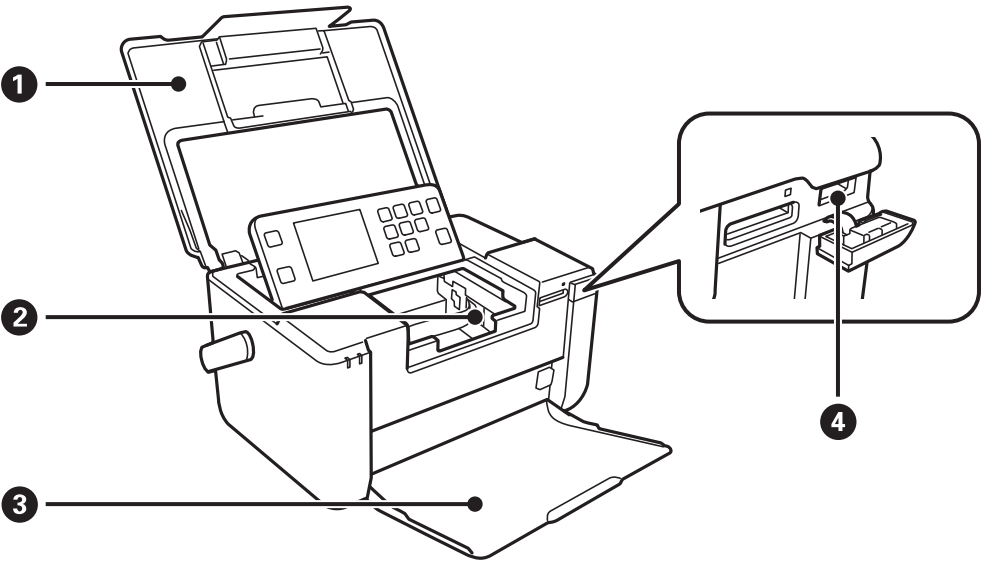
Part Names and Functions



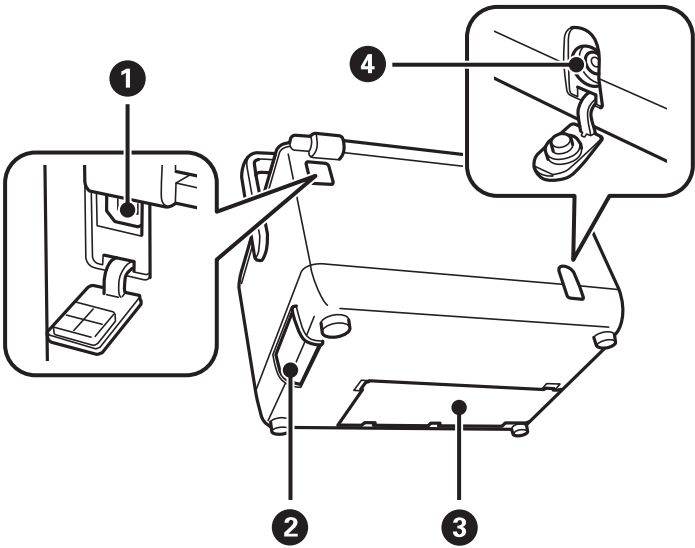
①	Edge guide	Feeds the paper straight into the printer. Slide to the edge of the paper.
②	Rear paper feed	Loads paper.
③	Feeder guard	Prevents foreign substance from entering the printer. This cover should usually be closed.
④	Rear paper feed cover	Prevents foreign substances from entering the printer. When opened, it supports loaded paper.
⑤	Control panel	Displays the status of the printer and allows you to make various printer settings.
⑥	Handle	Use this to carry the printer.
⑦	Power light	Turns on when the power is on. Flashes when the printer is operating or an error occurs.

Printer Basics

8	Battery charging light	Turns on when the battery is charging, and turns off when the battery is charged. Flashes when the printer is running on the battery and the battery is running low. Flashes fast when the printer cannot charge the battery because the temperature is too low (less than 3°C) or too high (higher than 50 °C). Charge the battery within a range of 3 to 50°C (37.4 to 122°F).
9	SD card slot	Insert a memory card.



1	Printer cover	Prevents foreign substance from entering the printer. Open when replacing the ink cartridge or removing jammed paper inside the printer.
2	Ink cartridge holder	Install the ink cartridge. Ink is ejected from the print head nozzles underneath.
3	Output tray	Holds the ejected paper.
4	External interface USB port	Connects an external storage device or a PictBridge capable device.

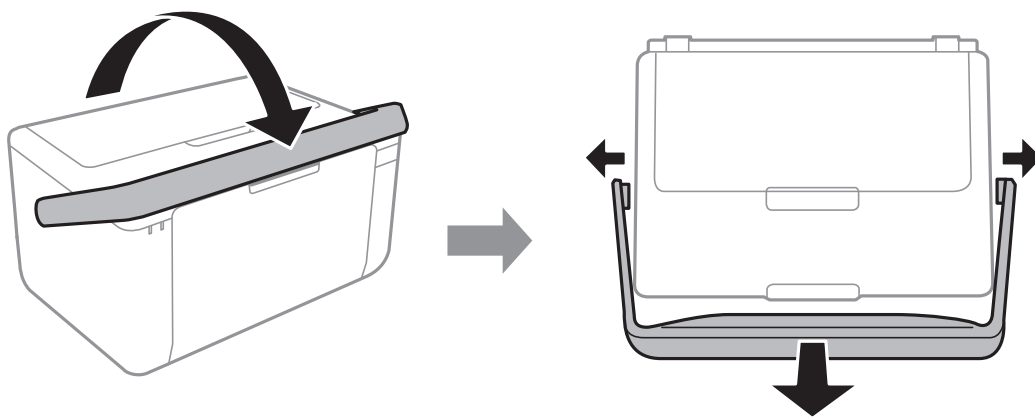


Printer Basics

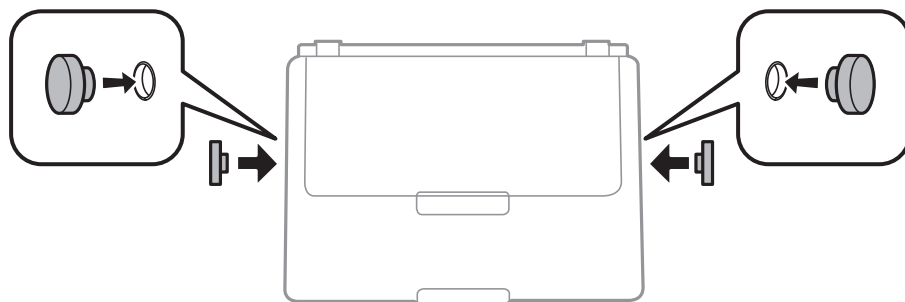
❶	USB port	Connects a USB cable to connect with a computer.
❷	Battery cover	Open when installing or removing the optional battery.
❸	Maintenance box cover	Open when replacing the maintenance box.
❹	DC inlet	Connects the AC adapter.

Removing the Handle

This printer can be used without the handle. To remove the handle, move the handle forward, grasp it with both hands, and then spread it outwards.



After removing the handle, be sure to attach the handle hole caps that came with your printer; otherwise dust or foreign substances may enter the printer.


Important:

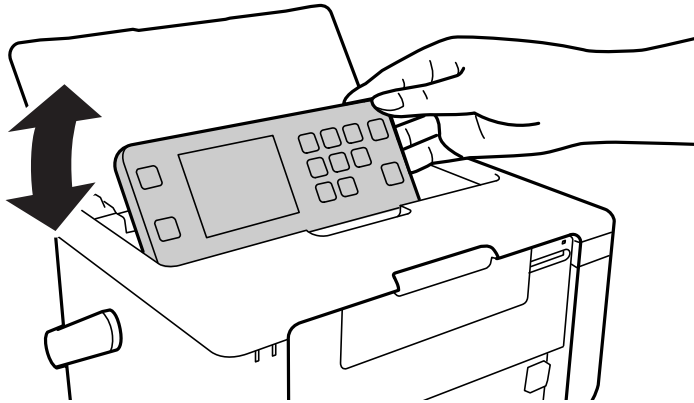
Keep the handle hole caps out of the reach of children.

Note:

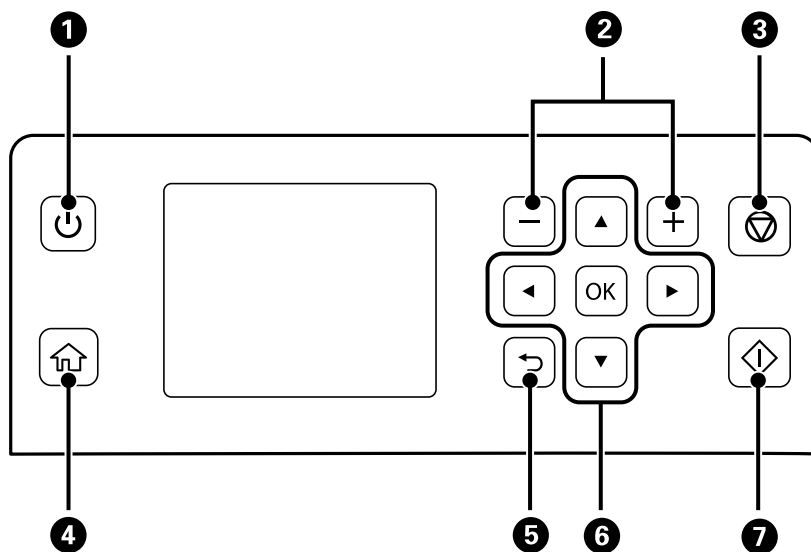
When you reattach the handle, check the shapes of the handle and handle holes. You cannot attach the handle in the wrong direction.

Control Panel

You can change the angle of the control panel.



Buttons



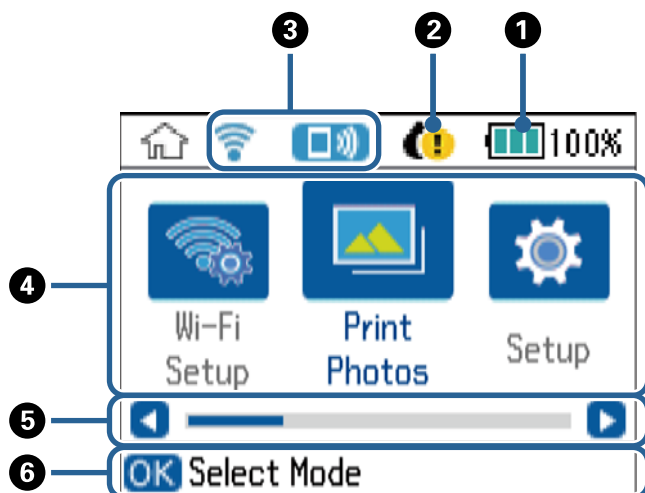
1	Turns the printer on or off. Do not turn off while the power light is flashing (while the printer is operating or processing data).
2	Selects the number of pages to print.
3	Stops the current operation.
4	Displays the home screen.
5	Returns to the previous screen.
6	Use the ▲▼◀▶ buttons to select a menu, and then press the OK button to open the selected menu.
7	Starts an operation such as printing.

Guide to the LCD Screen

Menus and messages are displayed on the LCD screen. Select a menu or setting by pressing the ▲ ▼ ◀ ▶ buttons.

Guide to the Home Screen

The following icons and menus are displayed on the home screen.



❶	Icons that show the battery status are displayed. You can learn the meaning of the icons in the Help menu. Enter Help from the home screen using the ◀ or ▶ button, and then press the OK button. Select Icon List using the ▲ or ▼ button, and then press the OK button.	
❷	When the ! icon is displayed, the ink cartridge is running low. When the X icon is displayed, the ink cartridge is expended.	
❸	Icons that show the network status are displayed. You can learn the meaning of the icons in the Help menu.	
❹	Function icons and names are displayed as mode icons.	
	Print Photos	Allows you to print photos on your memory card.
	Setup	Allows you to perform maintenance, printer setup, and network settings.
	Help	Displays help information on basic operations, meaning of the icons displayed on the LCD screen, and troubleshooting information.
	Wi-Fi setup	Displays menus that allow you to set up the printer for use on a wireless network. This is a shortcut to the following menu. Setup > Network Settings > Wi-Fi setup
❺	When ◀ and ▶ are displayed, you can scroll right or left.	
❻	Available buttons are displayed. In this example, you can proceed to the selected menu by pressing the OK button.	

Related Information

- ➡ “Printing Photos by Selecting from a Memory Card” on page 38
- ➡ “Menu Options for Setup Mode” on page 86

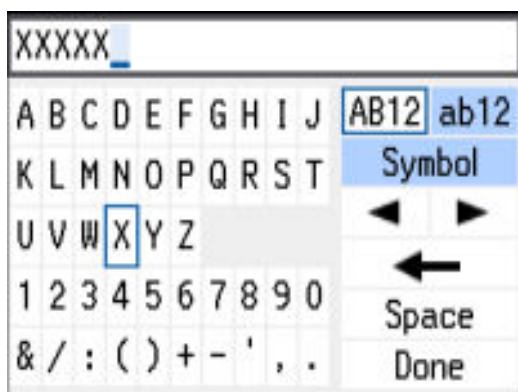
Printer Basics

➔ [“Menu Options for Network Settings” on page 88](#)

Entering Characters

To enter characters and symbols for network settings from the control panel, use the ▲, ▼, ◀, and ▶ buttons and the software keyboard on the LCD screen. Press the ▲, ▼, ◀, or ▶ button to highlight a character or function button on the keyboard, and then press the OK button to confirm. When you have finished entering characters, highlight **Done**, and then press the OK button.

The displayed screen varies depending on the settings items. The following is the screen for entering the password for your Wi-Fi network.



Icons	Descriptions
AB12	Changes letters to uppercase.
ab12	Changes letters to lowercase.
Symbol	Displays symbols.
◀▶	Moves the cursor to the left or right.
←	Deletes a character to the left (backspace).
Space	Enters a space to the right of the cursor.
Done	Closes the software keyboard screen and displays a confirmation screen, or moves to the next screen.

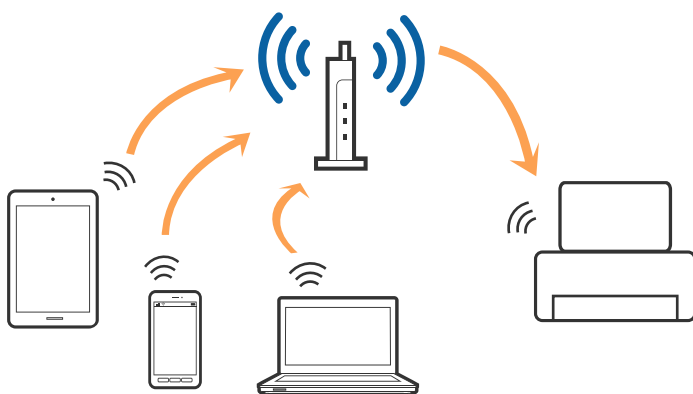
Network Settings

Network Connection Types

You can use the following connection methods.

Wi-Fi Connection

Connect the printer and the computer or smart device to the access point. This is the typical connection method for home or office networks where computers are connected by Wi-Fi through the access point.



Related Information

- ➔ [“Connecting to a Computer” on page 18](#)
- ➔ [“Connecting to a Smart Device” on page 20](#)
- ➔ [“Making Wi-Fi Settings from the Printer” on page 20](#)

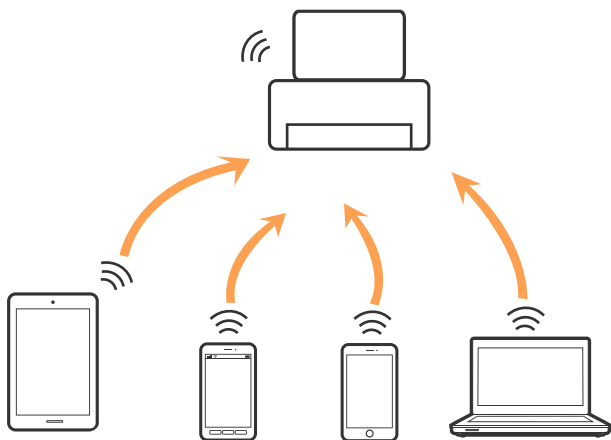
Wi-Fi Direct (Simple AP) Connection

Use this connection method when you are not using Wi-Fi at home or at the office, or when you want to connect the printer and the computer or smart device directly. In this mode, the printer acts as an access point and you can connect up to four devices to the printer without having to use a standard access point. However, devices directly connected to the printer cannot communicate with each other through the printer.

Network Settings

Note:

Wi-Fi Direct (Simple AP) connection is a connection method designed to replace Ad Hoc mode.



The printer can be connected by Wi-Fi and Wi-Fi Direct (Simple AP) connection simultaneously. However, if you start a network connection in Wi-Fi Direct (Simple AP) connection when the printer is connected by Wi-Fi, the Wi-Fi is temporarily disconnected.

Related Information

➔ [“Making Wi-Fi Direct Simple AP Settings” on page 23](#)

Connecting to a Computer

We recommend using the installer to connect the printer to a computer. You can run the installer using one of the following methods.

☐ Setting up from the website

Access the following website, and then enter the product name. Go to **Setup**, and then start setting up.

<http://epson.sn>

☐ Setting up using the software disc (only for the models that come with a software disc and users with computers with disc drives.)

Insert the software disc into the computer, and then follow the on-screen instructions.

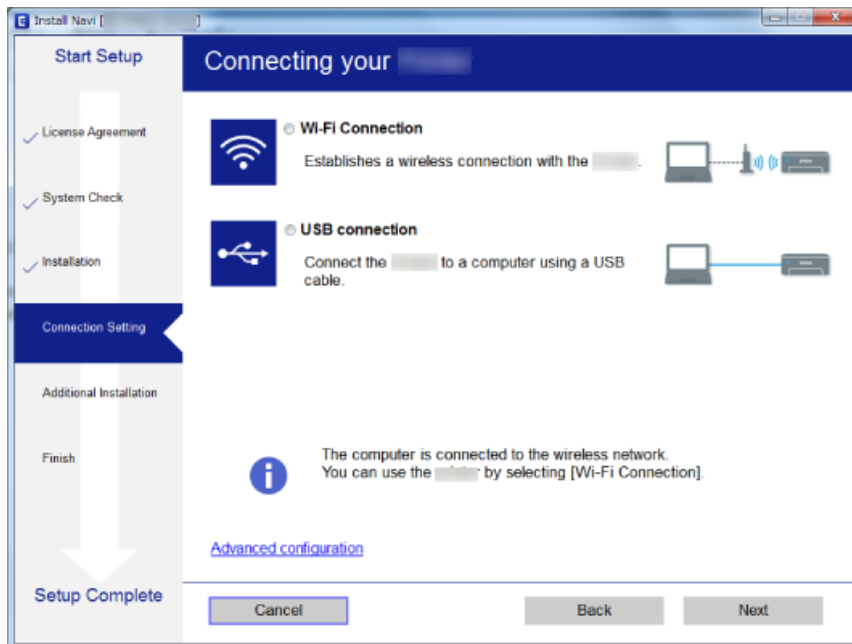
Selecting the Connection Methods

Follow the on-screen instructions until the following screen is displayed, and then select the connection method of the printer to the computer.

Network Settings

❑ Windows

Select the connection type and then click **Next**.



❑ Mac OS X

Select the connection type.



Follow the on-screen instructions. The necessary software is installed.

Connecting to a Smart Device

You can use the printer from a smart device when you connect the printer to the same Wi-Fi network (SSID) as the smart device. To use the printer from a smart device, set up from the following website. Access to the website from the smart device that you want to connect to the printer.

<http://epson.sn> > Setup

Note:

If you want to connect a computer and a smart device to the printer at the same time, we recommend connecting the computer first.

Making Wi-Fi Settings from the Printer

You can make network settings from the printer's control panel in several ways. Choose the connection method that matches the environment and conditions that you are using. If you know the information for the access point such as SSID and password, you can make settings manually. If the access point supports WPS, you can make settings by using push button setup.

After connecting the printer to the network, connect to the printer from the device that you want to use (computer, smart device, tablet, and so on.)

Related Information

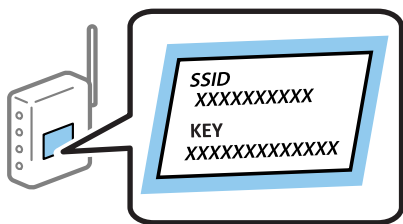
- ➔ “Making Wi-Fi Settings Manually” on page 20
- ➔ “Making Wi-Fi Settings by Push Button Setup” on page 21
- ➔ “Making Wi-Fi Settings by PIN Code Setup (WPS)” on page 22
- ➔ “Making Wi-Fi Direct Simple AP Settings” on page 23
- ➔ “Making Advanced Network Setting” on page 23

Making Wi-Fi Settings Manually

You can manually set up the information necessary to connect to an access point from the printer's control panel. To set up manually, you need the SSID and password for an access point.

Note:

If you are using an access point with its default settings, the SSID and password are on the label. If you do not know the SSID and password, contact the person who set up the access point, or see the documentation provided with the access point.



1. Select **Wi-Fi setup** on the home screen, and then press the OK button.
2. Select **Wi-Fi (Recommended)**, and then press the OK button.

Network Settings

3. Press the OK button.
4. Select **Wi-Fi Setup Wizard**, and then press the OK button.
5. Select the SSID for the access point from printer's control panel, and then press the OK button.

Note:

- ❑ If the SSID you want to connect to is not displayed on the printer's control panel, select **Other Networks**, and then enter the SSID directly.
- ❑ If you do not know the SSID, check if it is written on the label of the access point. If you are using the access point with its default settings, use the SSID written on the label.

6. After entering the password, move the cursor on **Done** and then press the OK button.

Note:

- ❑ The password is case-sensitive.
- ❑ If you do not know the password, check if it is written on the label of the access point. If you are using the access point with its default settings, use the password written on the label. The password may also be called a "Key", a "Passphrase", and so on.
- ❑ If you do not know the password for the access point, see the documentation provided with the access point, or contact the person who set it up.

7. Check the settings, and then press the OK button.
8. Select whether or not you print a network connection report after finishing the settings.
If you fail to connect, load paper, and then press the  button to print a network connection report.

Related Information

- ➔ [“Checking the Network Connection Status” on page 25](#)
- ➔ [“Cannot Make Network Connection Settings” on page 111](#)

Making Wi-Fi Settings by Push Button Setup

You can automatically set up a Wi-Fi network by pressing a button on the access point. If the following conditions are met, you can set up by using this method.

- ❑ The access point is compatible with WPS (Wi-Fi Protected Setup).
- ❑ The current Wi-Fi connection was established by pressing a button on the access point.

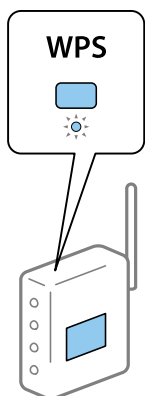
Note:

If you cannot find the button or you are setting up using the software, see the documentation provided with the access point.

1. Select **Wi-Fi setup** on the home screen, and then press the OK button.
2. Select **Wi-Fi (Recommended)**, and then press the OK button.
3. Press the OK button.
4. Select **Push Button Setup (WPS)**, and then press the OK button.

Network Settings

5. Hold down the [WPS] button on the access point until the security light flashes.



If you do not know where the [WPS] button is, or there are no buttons on the access point, see the documentation provided with your access point for details.

6. Press the OK button on the printer's control panel. Follow the on-screen instruction hereafter.

Note:

If connection fails, restart the access point, move it closer to the printer, and try again. If it still does not work, print a network connection report and check the solution.

Related Information

➡ [“Checking the Network Connection Status” on page 25](#)

Making Wi-Fi Settings by PIN Code Setup (WPS)

You can connect to an access point by using a PIN code. You can use this method to set up if an access point is capable of WPS (Wi-Fi Protected Setup). Use a computer to enter a PIN code into the access point.

1. Select **Setup** on the home screen, and then press the OK button.
2. Select **Network Settings** and then press the OK button.
3. Select **Wi-Fi setup** on the home screen and then press the OK button.
4. Select **PIN Code Setup (WPS)** and then press the OK button.
5. Use your computer to enter the PIN code (an eight digit number) displayed on the printer's control panel into the access point within two minutes.

Note:

See the documentation provided with your access point for details on entering a PIN code.

6. Press the OK button.

Setup is complete when the setup completion message is displayed.

Note:

If connection fails, restart the access point, move it closer to the printer, and try again. If it still does not work, print a connection report and check the solution.

Network Settings

Related Information

➔ [“Checking the Network Connection Status” on page 25](#)

Making Wi-Fi Direct Simple AP Settings

This method allows you to connect the printer directly to computer or smart devices without an access point. The printer acts as an access point.



Important:

When you connect from a computer or smart device to the printer using the Wi-Fi Direct (Simple AP) connection, the printer is connected to the same Wi-Fi network (SSID) as the computer or smart device and the communication is established between them. Since the computer or smart device is automatically connected to the other connectable Wi-Fi network if the printer is turned off, it is not connected to the previous Wi-Fi network again if the printer is turned on. Connect to the printer's SSID for Wi-Fi Direct (Simple AP) connection from the computer or smart device again. If you do not want to connect every time you turn the printer on or off, we recommend using Wi-Fi network by connecting the printer to an access point.

1. Select **Wi-Fi setup** on the home screen, and then press the OK button.
2. Select **Wi-Fi Direct**, and then press the OK button.
3. Press the OK button.
4. Press the OK button to start the setup.

Note:

- ☐ This step is skipped when the device has already been connected over a Wi-Fi Direct (Simple AP) connection.
- ☐ If this is the first time the device has been connected, you can change the password for the Wi-Fi Direct (Simple AP) connection. Press the ▼ button and follow the on-screen instructions. If you want to change the password after connecting the device, disconnect it and then setup the password again.

5. Press the ▼ button to show the SSID and password.
6. Check the SSID and password displayed on the printer's control panel. On the network connection screen of the computer or smart device, select the SSID shown on the printer's control panel to connect.
7. Enter the password displayed on the printer's control panel on the computer or smart device.
8. After the connection is established, press the OK button on the printer's control panel.
9. Press the  button.

Related Information

➔ [“Checking the Network Connection Status” on page 25](#)

Making Advanced Network Setting

You can change the network device name, TCP/IP setup, DNS server and so on. Check your network environment before making changes.

Network Settings

1. Select **Setup** on the home screen, and then press the OK button.
2. Select **Network Settings**, and then press the OK button.
3. Select **Manual Network Setup**, and then press the OK button.
4. Enter the device name.

You can enter the following characters. To fix the device name, move the cursor on the **Done**, and then press the OK button.

- ☐ Character limits: 2 to 15 (you must enter at least 2 characters)
- ☐ Usable characters: A to Z, a to z, 0 to 9, -.
- ☐ Characters you cannot use at the top: 0 to 9, -.
- ☐ Characters you cannot use at the bottom: -

Note:

If you press the OK button without entering the device name, the default device name (EPSON and the last six digits of the device's MAC address) are set.

5. Select the method for acquiring the IP address (TCP/IP Setup).

☐ Auto

Select when you are using an access point at home or you are allowing the IP address to be acquired automatically by DHCP.

☐ Manual

Select when you do not want the device's IP address to be changed. Enter the IP address, subnet mask, default gateway, primary DNS server, and secondary DNS server according to your network environment. Press the OK button, and go to step 7.

6. Select the method for setting the DNS server.

☐ Auto

Select when you want to acquire the IP address automatically.

☐ Manual

Select when you want to set a unique DNS server address to the device. Enter the addresses for the primary DNS server and the secondary DNS server.

7. Select whether or not to use a proxy server.

☐ Do Not Use

Select when you are using the printer in a home network environment.

☐ Use

Select when you are using a proxy server in your network environment and you want to set it to the printer. Enter the proxy server address and port number.

8. Check the settings and press the OK button.

A message is displayed on the LCD screen when the network settings are complete, and you are returned to the home screen after a short period of time.

Checking the Network Connection Status

You can check the network connection status in the following way.

Related Information

- ➔ “Checking the Network Status Using Network Icon” on page 25
- ➔ “Checking the Network Status from the Control Panel” on page 25
- ➔ “Printing a Network Connection Report” on page 25
- ➔ “Making Wi-Fi Settings from the Printer” on page 20

Checking the Network Status Using Network Icon

You can check the network connection status using the network icon on the printer's home screen. The icon changes depending on the connection type and strength of the radio wave. For more information, select **Help > Icon List** on the printer's control panel.

Checking the Network Status from the Control Panel

You can also view other network-related information by pressing the network menus you want to check.

1. Select **Setup** on the home screen, and then press the OK button.
2. Select **Network Settings - Network Status**.
3. To check other information, press the ◀ or ▶ button to select the menu you want to check, and then press the OK button.

❑ Wi-Fi Status

Displays the network information (Printer Name, Obtain IP Address, Default Gateway, DNS Server Setup Mode and so on) for Wi-Fi connections.

❑ Wi-Fi Direct Status

Displays the network information (Printer Name, Connection, Obtain IP Address, the number of connected devices, Default Gateway and so on) for Wi-Fi Direct connections.

❑ Epson Connect Status

Displays the registered information for Epson Connect services.

❑ Google Cloud Print Status

Displays the registered information for **Google Cloud Print Services** services and the connection status.

4. Press the ↻ button.

The printer's control panel returns to the previous screen.

Printing a Network Connection Report

You can print a network connection report to check the status between the printer and the access point.

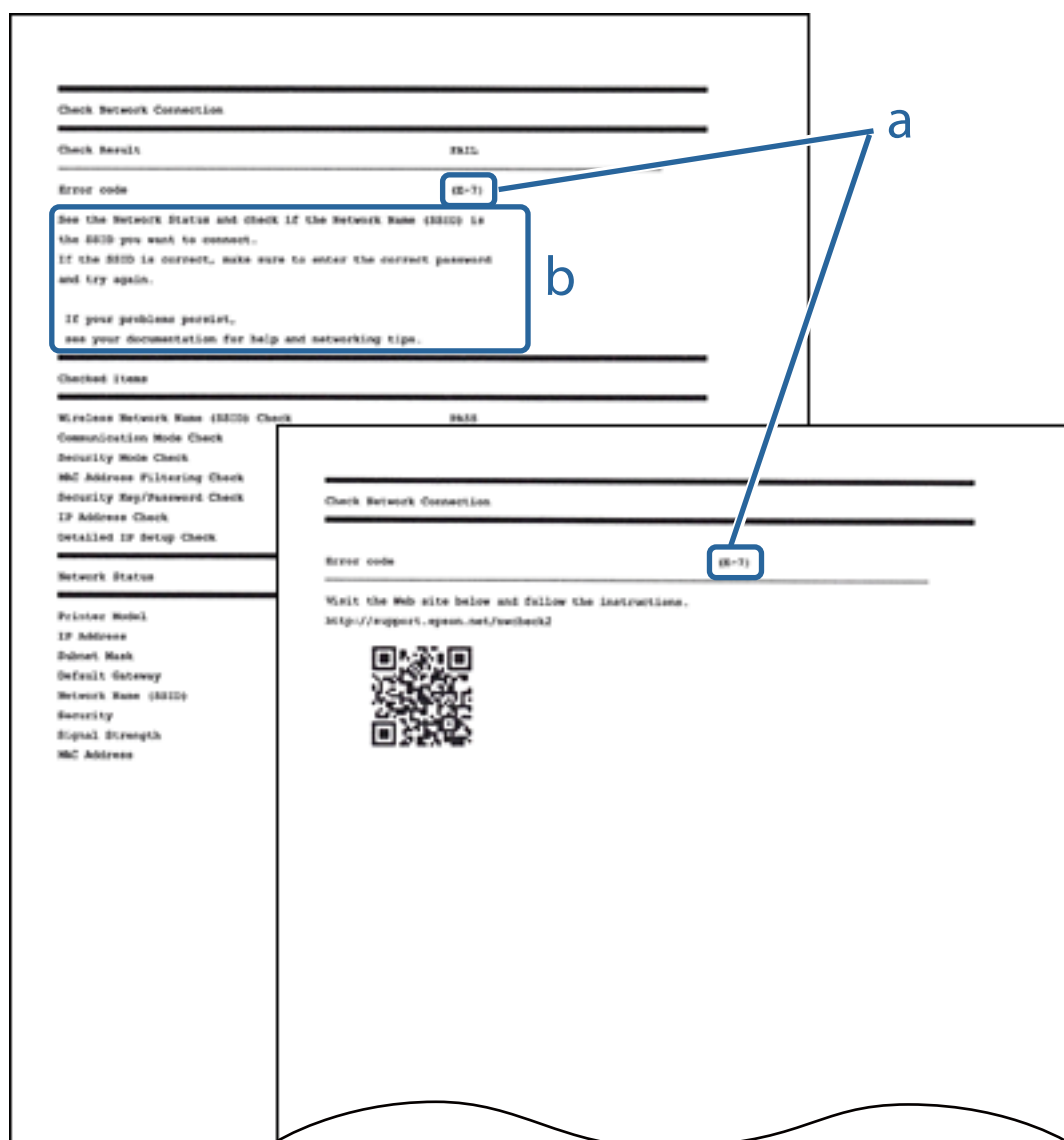
Network Settings

1. Load papers.
2. Select **Setup** on the home screen, and then press the OK button.
3. Select **Network Settings > Connection Check**.
The connection check starts.
4. Press the  button to print the network connection report.
If an error has occurred, check the network connection report, and then follow the printed solutions.

Messages and Solutions on the Network Connection Report

Check the messages and error codes on the network connection report.

You can check the solutions from the URL or QR code printed on the network connection report.



Replacing or Adding New Access Points

If the SSID changes due to the replacement of an access point, or an access point is added and a new network environment is established, re-set the Wi-Fi settings.

Changing the Connection Method to a Computer

Using the installer and re-set up in a different connection method.

☐ Setting up from the website

Access the following website, and then enter the product name.

<http://epson.sn>

Go to **Setup**, and then click **Download** in the download and connect part. Click or double-click the downloaded file to run the installer. Follow the on-screen instructions.

☐ Setting up using the software disc (only for the models that come with a software disc and users with computers with disc drives.)

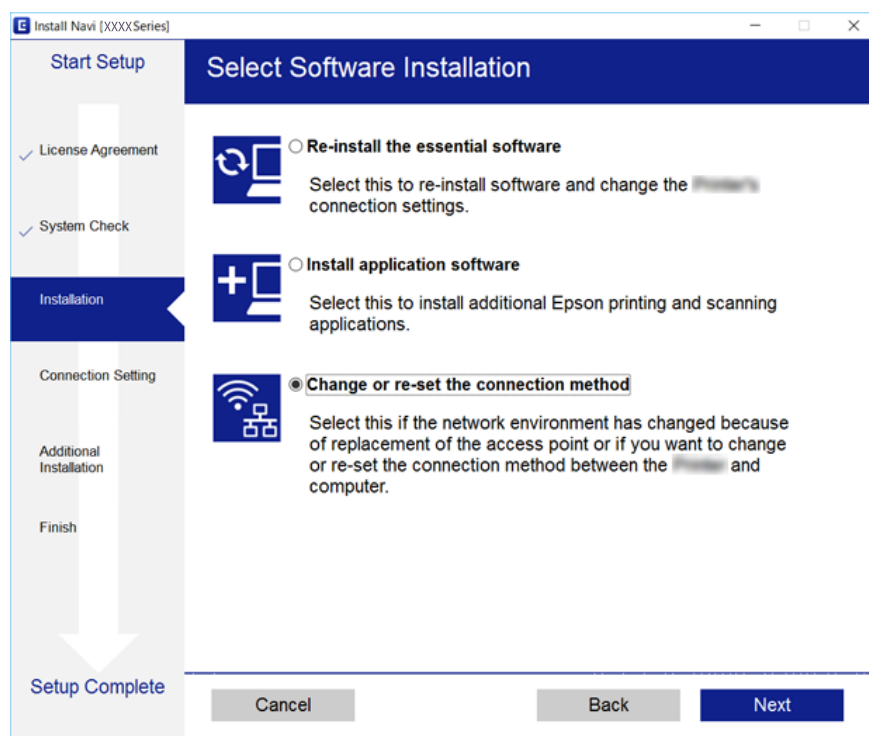
Insert the software disc into the computer, and then follow the on-screen instructions.

Selecting Change the Connection Methods

Follow the on-screen instructions until the following screen is displayed.

☐ Windows

Select **Change or re-set the connection method** on the Select Software Installation screen, and then click **Next**.



Network Settings

❑ Mac OS X

Select how you want to connect the printer to your computer.



Disabling Wi-Fi from the Control Panel

When Wi-Fi is disabled, the Wi-Fi connection is disconnected.

1. Select **Setup** on the home screen.
2. Select **Network Settings**.
3. Select **Wi-Fi setup**.
4. Select **Disable Wi-Fi**.
5. Check the message, and then select **Yes**.

Disconnecting Wi-Fi Direct (Simple AP) connection from the Control Panel

Note:

When Wi-Fi Direct (Simple AP) connection disabled, all computers and smart devices connected to the printer in Wi-Fi Direct (Simple AP) connection are disconnected. If you want to disconnect a specific device, disconnect from the device instead of the printer.

1. Select **Setup** on the home screen.
2. Select **Network Settings**.
3. Select **Wi-Fi setup**.

Network Settings

4. Select **Wi-Fi Direct Setup**.
5. Select **Disable Wi-Fi Direct**.
6. Check the message, and then select **Yes**.

Restoring the Network Settings from the Control Panel

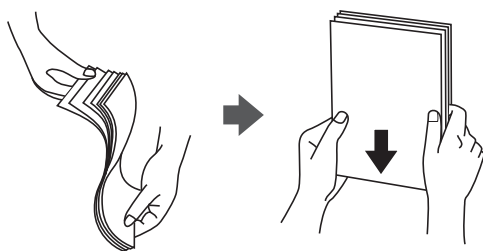
You can restore all network settings to their defaults.

1. Select **Setup** on the home screen.
2. Select **Restore Default Settings > Network Settings**.
3. Check the message, and then select **Yes**.

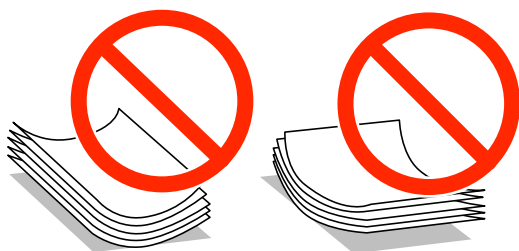
Loading Paper

Paper Handling Precautions

- ❑ Read the instruction sheets supplied with the paper.
- ❑ Fan and align the edges of the paper before loading. Do not fan or curl photo paper. Doing so may damage the printable side.



- ❑ If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause paper jams and smears on the printout.



- ❑ Do not use paper that is wavy, torn, cut, folded, damp, too thick, too thin, or paper that has stickers stuck to it. Using these types of paper causes paper jams and smears on the printout.
- ❑ Fan and align the edges of the envelopes before loading. When the stacked envelopes are puffed up with air, press them down to flatten them before loading.



- ❑ Do not use envelopes that are curled or folded. Using these envelopes causes paper jams and smears on the printout.
- ❑ Do not use envelopes with adhesive surfaces on the flaps or window envelopes.
- ❑ Avoid using envelopes that are too thin, as they may curl during printing.

Related Information

➡ [“Printer Specifications” on page 125](#)

Loading Paper

Available Paper and Capacities

Epson recommends using genuine Epson paper to ensure high-quality printouts.

Genuine Epson Paper

Media Name	Size	Loading Capacity (Sheets)	Manual 2-Sided Printing	Borderless Printing
Epson Ultra Glossy Photo Paper	13×18 cm (5×7 in.), 10×15 cm (4×6 in.), 9×13 cm (3.5×5 in.)* ¹	20* ²	-	✓
Epson Premium Glossy Photo Paper	13×18 cm (5×7 in.), 10×15 cm (4×6 in.), 16:9 wide size (102×181 mm), 9×13 cm (3.5×5 in.)* ¹	20* ²	-	✓
Epson Premium Semigloss Photo Paper	13×18 cm (5×7 in.), 10×15 cm (4×6 in.), 9×13 cm (3.5×5 in.)* ¹	20* ²	-	✓
Epson Photo Paper Glossy	13×18 cm (5×7 in.), 10×15 cm (4×6 in.), 9×13 cm (3.5×5 in.)* ¹	20* ²	-	✓

*1 Only printing from computer or smart device is available.

*2 Load one sheet of paper at a time if the paper does not feed correctly or if the printout has uneven colors or smears.

Note:

The availability of paper varies by location. For the latest information on paper available in your area, contact Epson support.

Commercially Available Paper

The following paper is available only when printing from computers or smart devices.

Media Name	Size	Loading Capacity (Sheets or Envelopes)	Manual 2-Sided Printing	Borderless Printing
Plain paper	A5* ¹ , A6	50* ²	✓	-
	User Defined	1	✓	
Envelope	Envelope #10, Envelope DL, Envelope C6	1	-	-

*1 Due to the printer's mechanism, printouts have 10 mm margins around the edges.

*2 For manual 2-sided printing, you can load up to 20 sheets for paper with one side already printed.



Important:

You can use paper that is 0.05 to 0.6 mm thick. However, depending on the solidity or transparency of the paper, paper that is this thick may not be fed or printed correctly.

Loading Paper

Related Information

➔ [“Technical Support Web Site” on page 136](#)

List of Paper Types

To obtain optimum printing results, select the paper type that suits the paper.

Media Name	Media Type	
	Control Panel	Printer Driver, Smart Device ^{*1}
Epson Ultra Glossy Photo Paper ^{*2}	Ultra Glossy	Epson Ultra Glossy
Epson Premium Glossy Photo Paper ^{*2}	Prem. Glossy	Epson Premium Glossy
Epson Premium Semigloss Photo Paper ^{*2}	Prem. Semigloss	Epson Premium Semigloss
Epson Photo Paper Glossy ^{*2}	Glossy	Photo Paper Glossy
Plain paper ^{*2}	plain papers ^{*3}	plain papers
Envelope	Envelope ^{*3}	Envelope

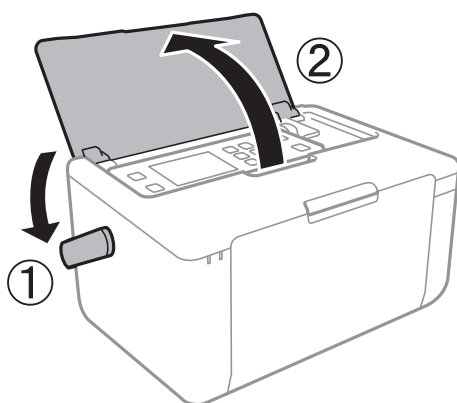
^{*1} For smart devices, these media types can be selected when printing using Epson iPrint.

^{*2} These paper types are compatible with Exif Print and PRINT Image Matching when printed by the printer driver. For more information, see the documentation that came with the Exif Print or PRINT Image Matching compatible digital camera.

^{*3} Only for registering the paper information when loading the paper. Printing from the control panel is not available.

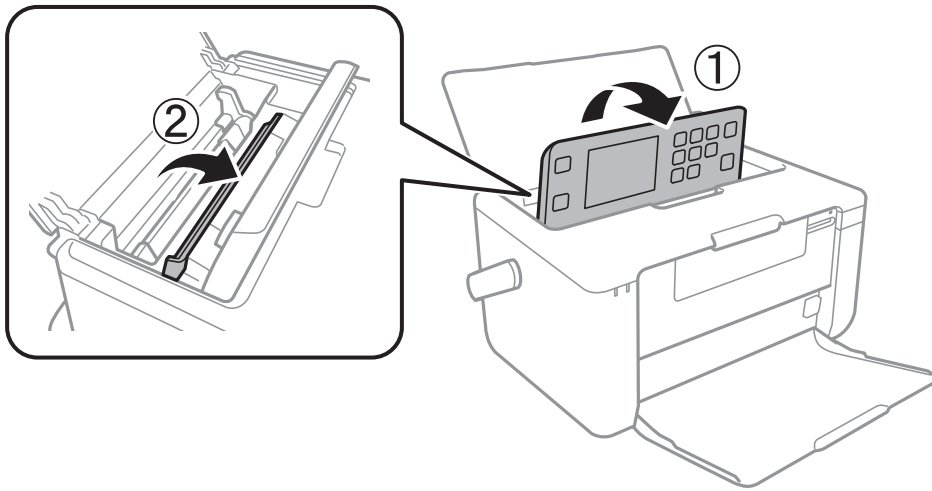
Loading Paper in the Rear Paper Feed

1. Move the handle back, and then open the rear paper feed cover.

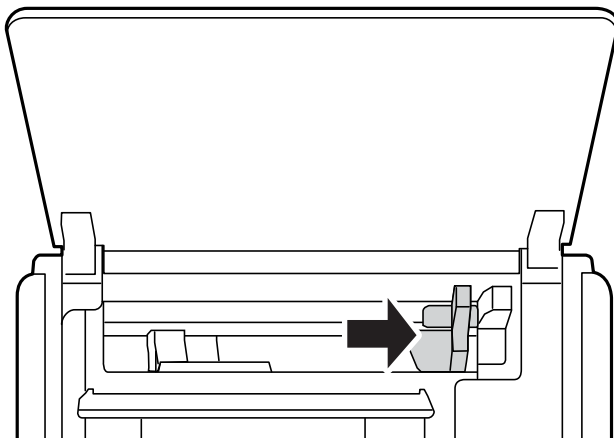


Loading Paper

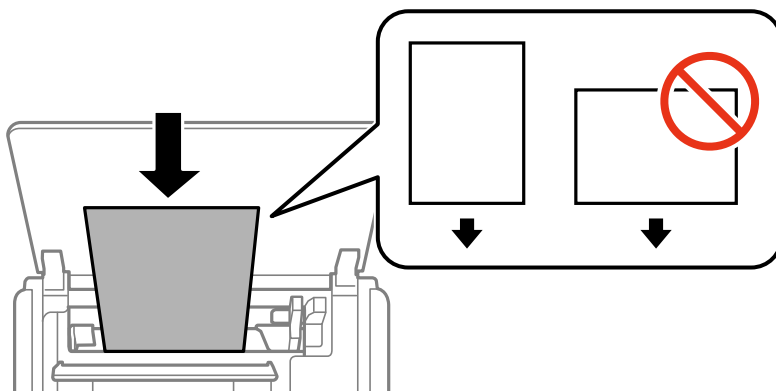
2. Raise the control panel, and then open the feeder guard.



3. Slide the edge guide.



4. Load paper vertically along the left side of the rear paper feed with the printable side facing up.

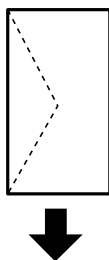


Important:

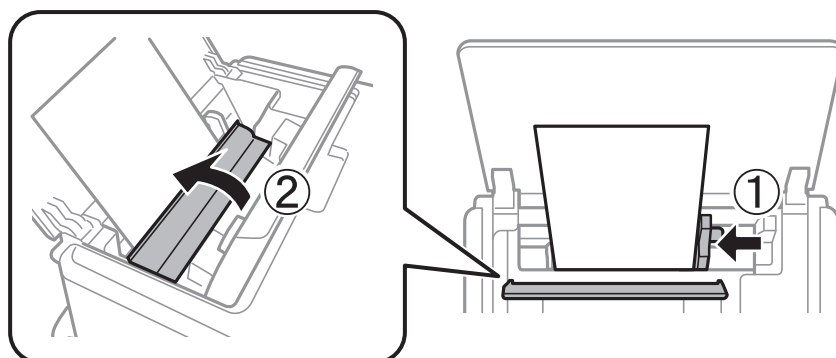
Do not load more than the maximum number of sheets specified for the paper.

Loading Paper

For envelopes, load in the direction indicated by the arrow.



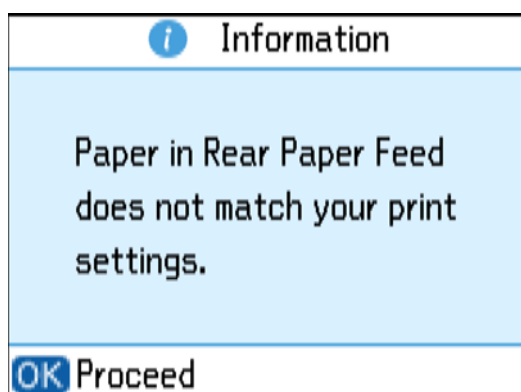
5. Slide the edge guide to the edge of the paper, and then close the feeder guard.



6. Check the paper size and paper type settings displayed on the control panel. To use the settings, select **Confirm** using the ▲ or ▼ button, press the OK button, and then go to step 8. To change the settings, select **Change** using the ▲ or ▼ button, press the OK button, and then go to the next step.

Note:

- ❑ When the **Paper Setting Alert** feature in the **Printer Setup** menu is enabled, a message is displayed if the registered paper size and paper type settings differ from the print settings.



- ❑ The paper setting screen is not displayed if you have disabled **Paper Configuration** in the following menu. Go to step 8. In this situation, you cannot print from an iPhone or iPad using AirPrint.

Setup > Printer Setup > Paper Source Setting > Paper Configuration

Loading Paper

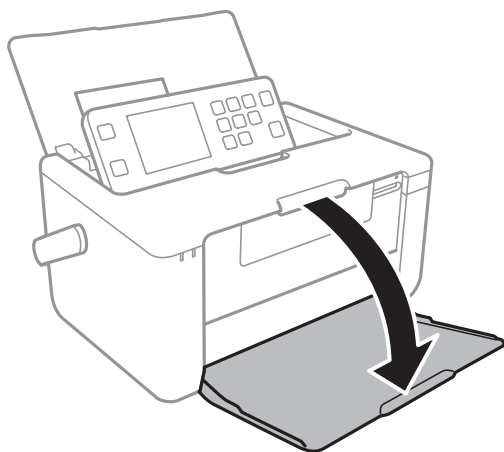
7. On the paper size setting screen, select the paper size using the ▲ or ▼ button, and then press the OK button. On the paper type setting screen, select the paper type in the same way, and then press the OK button. Check the settings, and then press the OK button.

Note:

You can also display the paper size and paper type settings screen by selecting the following menus.

Setup > Printer Setup > Paper Source Setting > Paper Setup

8. Open the output tray.



Note:

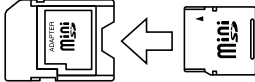
Return the remaining paper to its package. If you leave it in the printer, the paper may curl or the print quality may decline.

Related Information

- ➡ [“Paper Handling Precautions” on page 30](#)
- ➡ [“Available Paper and Capacities” on page 31](#)
- ➡ [“Menu Options for Printer Setup” on page 87](#)

Inserting a Memory Card

Supported Memory Cards

	miniSD* miniSDHC* microSD* microSDHC* microSDXC*
	SD SDHC SDXC

* Attach an adapter to fit the memory card slot. Otherwise, the card may get stuck.

Related Information

➔ [“Supported Memory Card Specifications” on page 128](#)

Inserting and Removing a Memory Card

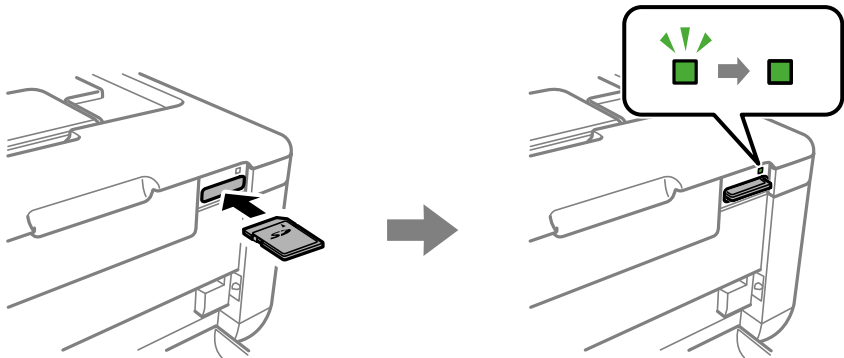
1. Insert a memory card into the printer.

The printer starts reading the data and the light flashes. When reading is complete, the light stops flashing and remains on.



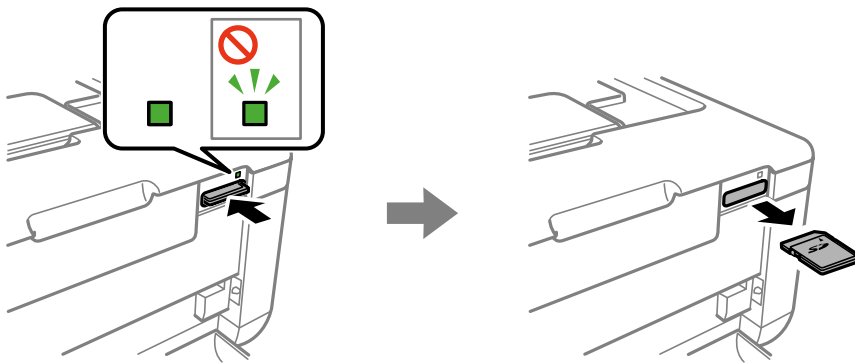
Important:

Insert a memory card straight into the printer.



Inserting a Memory Card

2. When you have finished using the memory card, make sure the light is not flashing, and then push the card to remove it.



Important:

If you remove the memory card while the light is flashing, the data in the memory card may be lost.

Note:

If you access the memory card from a computer, you need to operate the computer to safely remove the removable device.

Related Information

➔ [“Supported Memory Card Specifications” on page 128](#)

Printing

Printing from the Control Panel

Printing Photos by Selecting from a Memory Card

1. Load paper in the printer.
2. Insert a memory card into the printer.



Important:

Do not remove the memory card until you have finished printing.

Note:

- ☐ Remove the memory card when printing from an external storage device such as a hard disk or USB flash memory.
- ☐ If you have 1000 or more photos on your memory card, photos are automatically divided into groups containing a maximum of 999 photos and the Select Group screen is displayed. Select a group containing the photos you want to print.

3. Enter **Print Photos** from the home screen using the ◀ or ▶ button, and then press the OK button.
4. Select **View and Print Photos** using the ▲ or ▼ button, and then press the OK button.
5. Select a photo using the ◀ or ▶ button and set the number of copies using the – or + button. When printing more than one photo, repeat this procedure.

Note:

The following menus, that are displayed by pressing the ▼ button, help you select photos easily when you have many photos on your memory card.

- ☐ Browse: Use the **Browse by Date** menu to sort photos by date, and then select all photos of the same date at the same time.
- ☐ Display Options: Use the **9-up** menu to display nine photos on a screen.

6. Press the ▼ button to display the menu, select **Print Settings** using the ▲ or ▼ button, and then press the OK button.

Note:

*Select **Crop/Zoom** if you want to crop a part of a photo. Use the ▲, ▼, ◀, or ▶ button to move the frame to the area you want to crop, and then press the – or + button to change the size of the frame. Press the ↻ button to rotate the frame.*

7. Use the ▲ or ▼ button to select setting items such as the paper size and the paper type, and change the settings using the ◀ or ▶ button.
8. Press the ⬡ button.

Printing

Related Information

- ➔ “Loading Paper in the Rear Paper Feed” on page 32
- ➔ “List of Paper Types” on page 32
- ➔ “Inserting and Removing a Memory Card” on page 36
- ➔ “Menu Options for Printing from the Control Panel” on page 42

Printing in Various Layouts

You can print the photos on your memory card in various layouts such as 2-up, 4-up, and upper half. 10×15 cm (4×6 in.) or 13×18 cm (5×7 in.) size photo paper is available for this feature.



1. Load paper in the printer.
2. Insert a memory card into the printer.



Important:

Do not remove the memory card until you have finished printing.

Note:

- ☐ Remove the memory card when printing from an external storage device such as a hard disk or USB flash memory.
- ☐ If you have 1000 or more photos on your memory card, photos are automatically divided into groups containing a maximum of 999 photos and the Select Group screen is displayed. Select a group containing the photos you want to print.

3. Enter **Print Photos** from the home screen using the ◀ or ▶ button, and then press the OK button.
4. Select **Photo Layout Sheet** using the ▲ or ▼ button, and then press the OK button.
5. Select the print layout.
6. Follow the on-screen instructions to select the paper size and type. For some layouts, you do not need to select the paper size.
7. When you select 2-up, 4-up, or 8-up layout, select **Automatic Layout** or **Place Photos Manually**.
8. Do one of the following.
 - ☐ When placing the photos automatically, select a photo using the ◀ or ▶ button, and then set the number of copies using the – or + button. When printing more than one photo, repeat this procedure.

Printing

- ❑ When placing the photos manually, select a photo using the ◀ or ▶ button, and then select **Place This Photo** using the ▲ or ▼ button. If you want to leave a blank space, select **Leave Blank** using the ▲ or ▼ button.
9. Select a photo using the ◀ or ▶ button and set the number of copies using the – or + button. When printing more than one photo, repeat this procedure.
 - ❑ When you select **Upper 1/2**, **Lower 1/2**, custom size layout, or **Automatic Layout** in step 7, select the photos you want to print using the ◀ or ▶ button, set the number of copies using the – or + button, and then press the OK button.
 - ❑ When you select **Place Photos Manually** in step 7, after displaying the photo you want to print using the ◀ or ▶ button, select **Place This Photo** using the ▲ or ▼ button, and then press the OK button. If you want to leave a blank space, select **Leave Blank** using the ▲ or ▼ button, and then press the OK button. When you have finished selecting the photos, select **Finished** using the ▲ or ▼ button, and then press the OK button.
- Note:**
*The following menus help you select photos easily when you have many photos on your memory card. To use this menu, press the ▼ button in automatic layout or select **Menu** in manual layout.*
- ❑ *Browse: Use the **Browse by Date** menu to sort photos by date, and then select all photos of the same date at the same time.*
 - ❑ *Display Options: Use the **9-up** menu to display nine photos on a screen.*
10. Press the ▼ button or select **Menu**, select **Print Settings** using the ▲ or ▼ button, and then press the OK button.

Note:
*Select **Crop/Zoom** if you want to crop a part of a photo. Use the ▲, ▼, ◀, or ▶ button to move the frame to the area you want to crop, and then press the – or + button to change the size of the frame. Press the ⬆ button to rotate the frame.*
 11. Use the ▲ or ▼ button to select setting items such as the paper size and the paper type, and change the settings using the ◀ or ▶ button.
 12. Press the ⬡ button.

Related Information

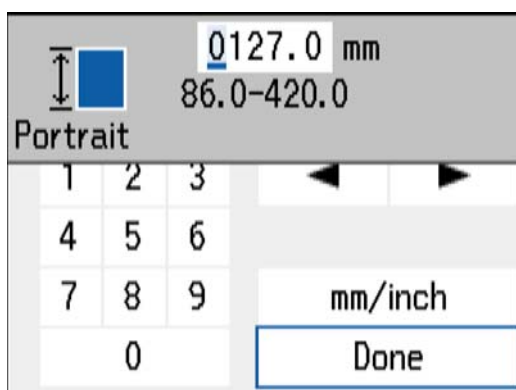
- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“List of Paper Types” on page 32](#)
- ➔ [“Inserting and Removing a Memory Card” on page 36](#)
- ➔ [“Menu Options for Printing from the Control Panel” on page 42](#)

Printing

Menu Options for Photo Layout Sheet

10x15cm(4x6in.):30x30mm or others:

The menu name varies depending on the paper size and photo frame size you selected. You can make several prints of one photo in custom size. The number of photos depends on the paper size and photo frame size you selected. When this menu is selected, press the ▼ button to select the paper size and set the photo frame size. You can select the height and width of the photo frame on the following screen.



Note:

- ❑ You can set three types of customized layouts. The default layouts are 30×30 mm, 40×40 mm, and 50×50 mm on 10×15 cm (4×6 in.) size photo paper.
- ❑ When the photo frame size is smaller than the following sizes, the photos are printed on the upper half of the paper.
 10×15 cm (4×6 in.) size: 23×28 mm
 13×18 cm (5×7 in.) size: 29×33 mm

2-up, 4-up, 8-up, 20-up:

Prints 2, 4, 8, or 20 copies of different photos. In 20-up layout, photo information is printed on each photo.

Upper 1/2, Lower 1/2:

Prints a photo on the upper or lower half of the photo paper.

Photo ID:

Prints 4 copies of one photo at 35×45 mm and 50×50 mm.

P.I.F.:

Displayed when the memory card contains P.I.F. frames. P.I.F. frames are layout data printed on photos.

DPOF Printing

This printer is compatible with DPOF (Digital Print Order Format) Ver. 1.10. DPOF is a format that stores additional information for photos such as the date, time, user name, and printing information. DPOF-compatible cameras allow you to set which image on a memory card to print and the number of copies. When the memory card is inserted into the printer, the photos selected by the camera are printed.

Note:

For information on making print settings on your camera, see the documentation provided with your camera.

Printing

When you insert a memory card into the printer, a confirmation screen is displayed. Select **Yes** using the ▲ or ▼ button, and then press the OK button to display the print start screen. Press the ⬠ button to start printing. If you want to change the print settings, press the ▼ button. Setting items are the same as in **Print Photos** mode.

Related Information

➔ [“Printing Photos by Selecting from a Memory Card” on page 38](#)

➔ [“Menu Options for Paper and Print Settings” on page 42](#)

➔ [“Menu Options for Photo Adjustment” on page 43](#)

Menu Options for Printing from the Control Panel

Menu Options for Selecting Photos

Browse:

☐ Browse by Date

Displays the photos on the memory card sorted by date. Select a date to display all photos saved on that date.

☐ Cancel Browse

Cancels sorting photos and displays all the photos.

Select Photos:

☐ Select All Photos

Selects all the photos on the memory card and sets the number of prints.

☐ Cancel Photo Selection

Returns the number of prints of all photos to 0 (zero).

Display Options:

☐ 1-up

Displays one photo on a screen. Information on settings, such as zoom, is also displayed.

☐ 1-up without Information

Displays one photo on a screen. Information on settings, such as zoom, is not displayed.

☐ 9-up

Displays nine photos on a screen.

Menu Options for Paper and Print Settings

Paper Size:

Select the paper size you loaded.

Paper Type:

Select the paper type you loaded.

Printing

Borderless:

Prints without margins around the edges. The image is enlarged a little to remove borders from the edges of the paper.

Quality:

Select the print quality. Selecting **Best** provides higher quality printing, but the printing speed may be slower.

Expansion:

With borderless printing, the image is enlarged a little to remove borders from the edges of the paper. Select how much to enlarge the image.

Date:

Select the format used to print the date on photos for photos that include the date the photos were taken or the date they were saved. The date is not printed for some layouts.

Fit Frame:

If the aspect ratio of the image data and the paper size is different, the image is automatically enlarged or reduced so that the short sides match the short sides of the paper. The long side of the image is cropped if it extends beyond the long side of the paper. This feature may not work for panorama photos.

Menu Options for Photo Adjustment

Enhance:

Select one of the image adjustment options. Select **Photo Enhance** to produce sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data. Select **P.I.M.** to adjust the image by using your camera's PRINT Image Matching or Exif Print information.

Scene Detection:

Available when selecting **Photo Enhance** as the **Enhance** setting. Improves the image quality for photos of people, landscapes, and night scenes.

Fix Red-Eye:

Fixes red-eye in photos. Corrections are not applied to the original file, only to the printouts. Depending on the type of photo, parts of the image other than the eyes may be corrected.

Brightness:

Adjusts the brightness of the image.

Sharpness:

Enhances or defocuses the outline of the image.

Filter:

Prints in sepia or monochrome.

Printing

Crop/Zoom:

Enlarges a part of the photo to be printed.

Printing from a Computer

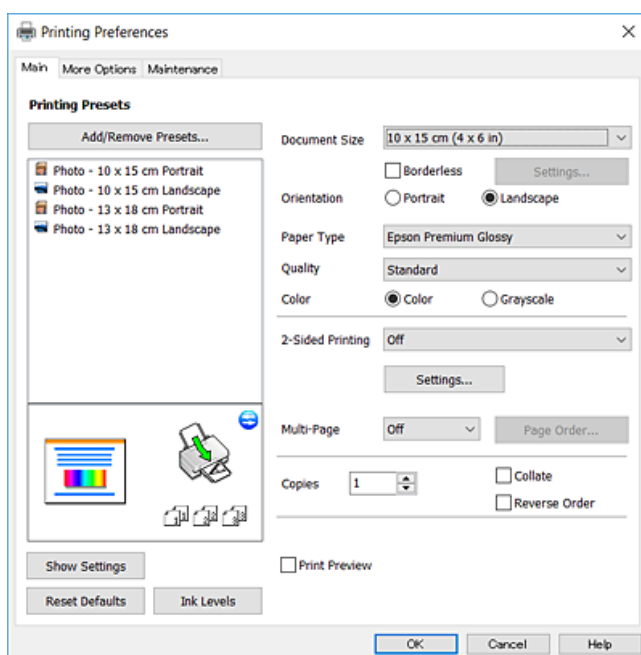
Printing Basics - Windows

Note:

☐ See the online help for explanations of the setting items. Right-click an item, and then click **Help**.

☐ Operations differ depending on the application. See the application's help for details.

1. Load paper in the printer.
2. Open the file you want to print.
3. Select **Print** or **Print Setup** from the **File** menu.
4. Select your printer.
5. Select **Preferences** or **Properties** to access the printer driver window.



6. Make the following settings.

☐ Document Size: Select the paper size you loaded in the printer.

☐ Borderless: Select to print with no margins around the image.

In borderless printing, the print data is enlarged slightly more than the paper size so that no margins are printed around the edges of the paper. Click **Settings** to select the amount of enlargement.

☐ Orientation: Select the orientation you set in the application.

☐ Paper Type: Select the type of paper you loaded.

Printing

- ☐ **Quality:** Select the print quality.

Selecting **High** provides higher quality printing, but the printing speed may be slower.

- ☐ **Color:** Select **Grayscale** when you want to print in black or shades of gray.

Note:

When printing on envelopes, select **Landscape** as the **Orientation** setting.

7. Click **OK** to close the printer driver window.
8. Click **Print**.

Related Information

- ➔ [“Available Paper and Capacities” on page 31](#)
- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Guide to Windows Printer Driver” on page 95](#)
- ➔ [“List of Paper Types” on page 32](#)

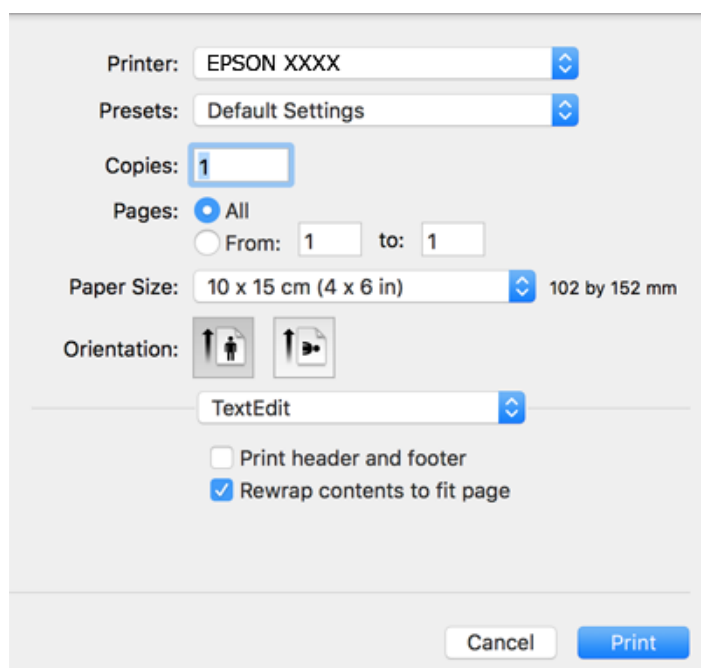
Printing Basics - Mac OS X

Note:

Explanations in the section use *TextEdit* as an example. Operations and screens differ depending on the application. See the application's help for details.

1. Load paper in the printer.
2. Open the file you want to print.
3. Select **Print** from the **File** menu or another command to access the print dialog.

If necessary, click **Show Details** or ▼ to expand the print window.



Printing

4. Make the following settings.

- ☐ **Printer:** Select your printer.
- ☐ **Presets:** Select when you want to use the registered settings.
- ☐ **Paper Size:** Select the paper size you loaded in the printer.
When printing with no margins, select a "borderless" paper size.
- ☐ **Orientation:** Select the orientation you set in the application.

Note:

- ☐ If the above setting menus are not displayed, close the print window, select **Page Setup** from the **File** menu, and then make settings.
- ☐ When printing on envelopes, select landscape orientation.

5. Select **Print Settings** from the pop-up menu.

Note:

On Mac OS X v10.8.x or later, if the **Print Settings** menu is not displayed, the Epson printer driver has not been installed correctly.

Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), remove the printer, and then add the printer again. See the following to add a printer.

<http://epson.sn>

6. Make the following settings.

- ☐ **Paper Source:** Select the paper source in which you loaded the paper. If the printer has only one paper source, this item is not displayed.

Printing

- ☐ **Media Type:** Select the type of paper you loaded.
- ☐ **Print Quality:** Select the print quality.
Selecting a higher quality setting may reduce the printing speed.
- ☐ **Expansion:** Available when selecting a borderless paper size.
In borderless printing, the print data is enlarged slightly more than the paper size so that no margins are printed around the edges of the paper. Select the amount of enlargement.
- ☐ **Grayscale:** Select to print in black or shades of gray.

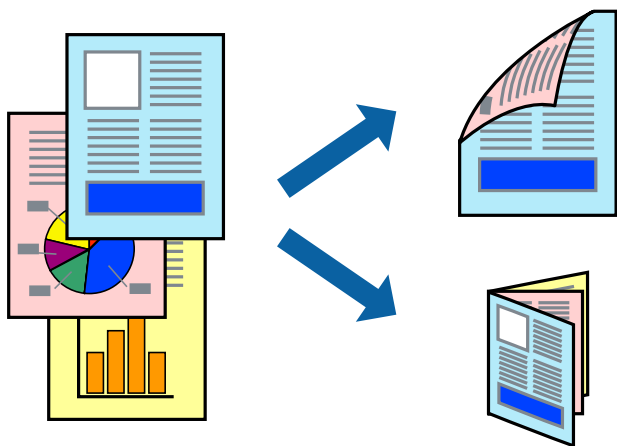
7. Click **Print**.

Related Information

- ➔ [“Available Paper and Capacities” on page 31](#)
- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Guide to Mac OS X Printer Driver” on page 98](#)
- ➔ [“List of Paper Types” on page 32](#)

Printing on 2-Sides (for Windows only)

The printer driver prints automatically separating even pages and odd pages. When the printer has finished printing the odd pages, flip the paper over following the instructions to print the even pages. You can also print a booklet that can be created by folding the printout.



Note:

- ☐ This feature is not available for borderless printing.
- ☐ If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
- ☐ Depending on the paper and the data, ink may bleed through to the other side of the paper.
- ☐ If **EPSON Status Monitor 3** is disabled, access the printer driver, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
- ☐ 2-sided printing may not be available when the printer is accessed over a network or is used as a shared printer.

1. Load paper in the printer.
2. Open the file you want to print.

Printing

3. Access the printer driver window.
4. Select **Manual (Long-edge binding)** or **Manual (Short-edge binding)** from **2-Sided Printing** on the **Main** tab.
5. Click **Settings**, make the appropriate settings, and then click **OK**.

Note:

*To print as a booklet, select **Booklet**.*

6. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
7. Click **Print**.

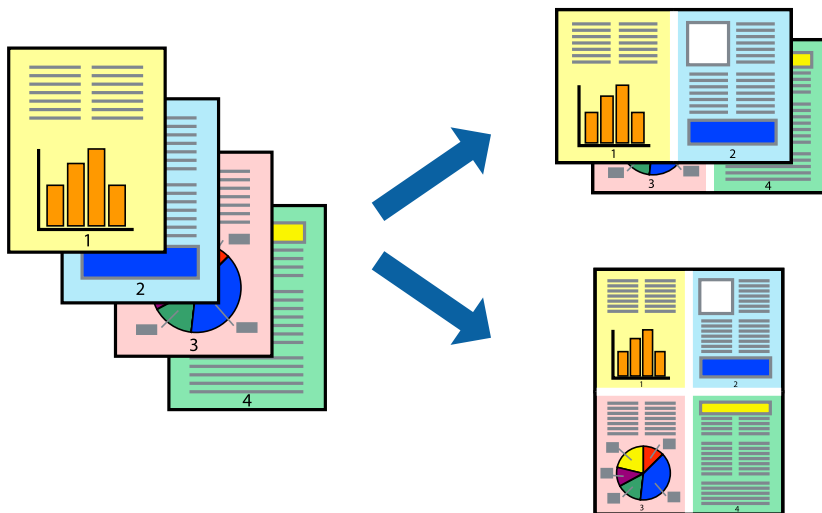
When the first side has finished printing, a pop-up window is displayed on the computer. Follow the on-screen instructions.

Related Information

- ➔ [“Available Paper and Capacities” on page 31](#)
- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Printing Basics - Windows” on page 44](#)

Printing Several Pages on One Sheet

You can print two or four pages of data on a single sheet of paper.



Printing Several Pages on One Sheet - Windows

Note:

This feature is not available for borderless printing.

1. Load paper in the printer.
2. Open the file you want to print.
3. Access the printer driver window.

Printing

4. Select **2-Up** or **4-Up** as the **Multi-Page** setting on the **Main** tab.
5. Click **Page Order**, make the appropriate settings, and then click **OK** to close the window.
6. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
7. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Printing Basics - Windows” on page 44](#)

Printing Several Pages on One Sheet - Mac OS X

1. Load paper in the printer.
2. Open the file you want to print.
3. Access the print dialog.
4. Select **Layout** from the pop-up menu.
5. Set the number of pages in **Pages per Sheet**, the **Layout Direction** (page order), and **Border**.
6. Set the other items as necessary.
7. Click **Print**.

Related Information

- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Printing Basics - Mac OS X” on page 45](#)

Printing to Fit the Paper Size

You can print to fit the paper size you loaded in the printer.



Printing

Printing to Fit the Paper Size - Windows

Note:

This feature is not available for borderless printing.

1. Load paper in the printer.
2. Open the file you want to print.
3. Access the printer driver window.
4. Make the following settings on the **More Options** tab.
 - ☐ Document Size: Select the paper size you set in the application.
 - ☐ Output Paper: Select the paper size you loaded in the printer.
Fit to Page is selected automatically.

Note:

*If you want to print a reduced image at the center of the page, select **Center**.*

5. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
6. Click **Print**.

Related Information

- ➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➡ [“Printing Basics - Windows” on page 44](#)

Printing to Fit the Paper Size - Mac OS X

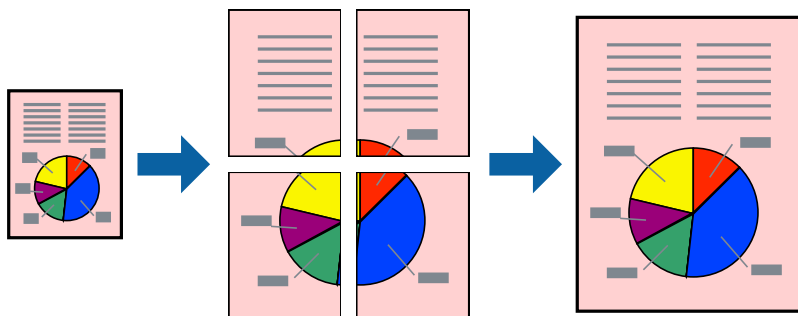
1. Load paper in the printer.
2. Open the file you want to print.
3. Access the print dialog.
4. Select the size of the paper you set in the application as the **Paper Size** setting.
5. Select **Paper Handling** from the pop-up menu.
6. Select **Scale to fit paper size**.
7. Select the paper size you loaded in the printer as the **Destination Paper Size** setting.
8. Set the other items as necessary.
9. Click **Print**.

Related Information

- ➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➡ [“Printing Basics - Mac OS X” on page 45](#)

Printing One Image on Multiple Sheets to Create a Poster (for Windows Only)

This feature allows you to print one image on multiple sheets of paper. You can create a larger poster by taping them together.

**Note:**

This feature is not available for borderless printing.

1. Load paper in the printer.
2. Open the file you want to print.
3. Access the printer driver window.
4. Select **2x1 Poster**, **2x2 Poster**, **3x3 Poster**, or **4x4 Poster** from **Multi-Page** on the **Main** tab.
5. Click **Settings**, make the appropriate settings, and then click **OK**.

Note:

Print Cutting Guides allows you to print a cutting guide.

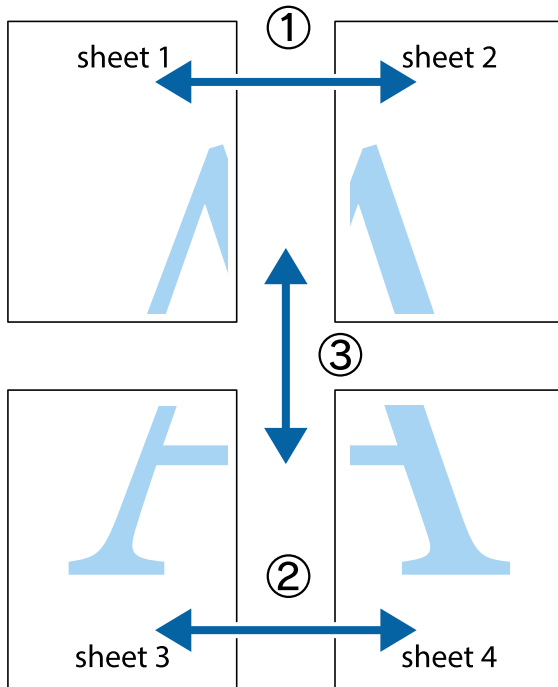
6. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
7. Click **Print**.

Related Information

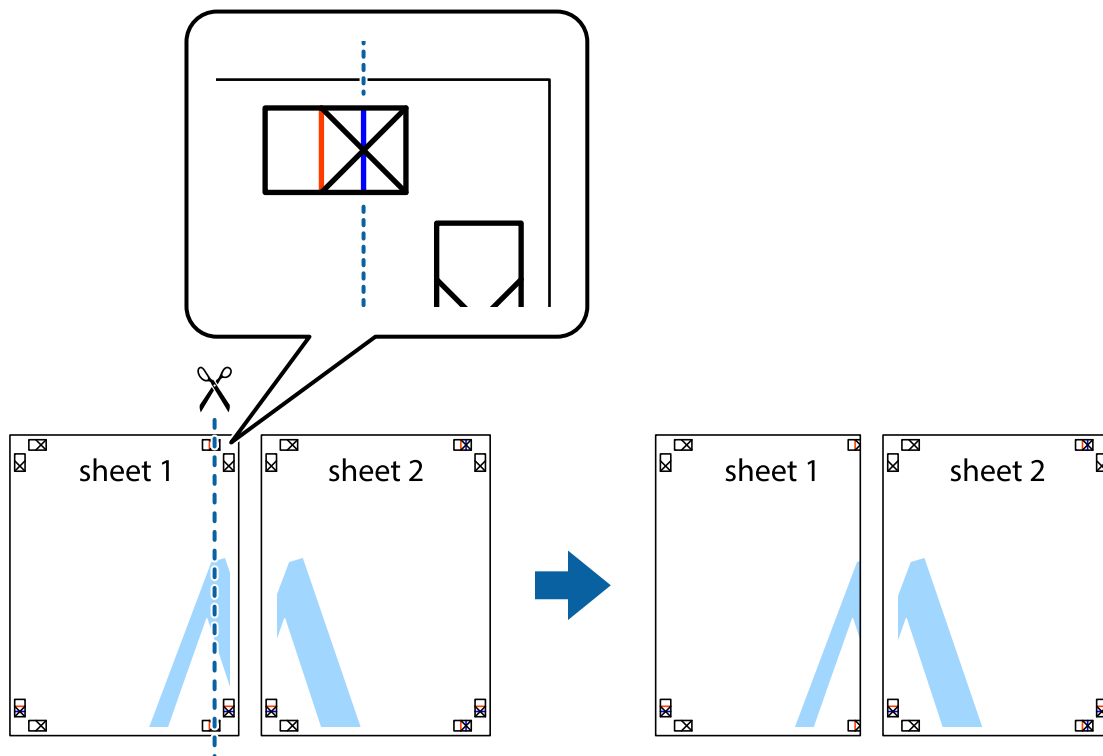
- ➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➡ [“Printing Basics - Windows” on page 44](#)

Making Posters Using Overlapping Alignment Marks

Here is an example of how to make a poster when **2x2 Poster** is selected, and **Overlapping Alignment Marks** is selected in **Print Cutting Guides**.

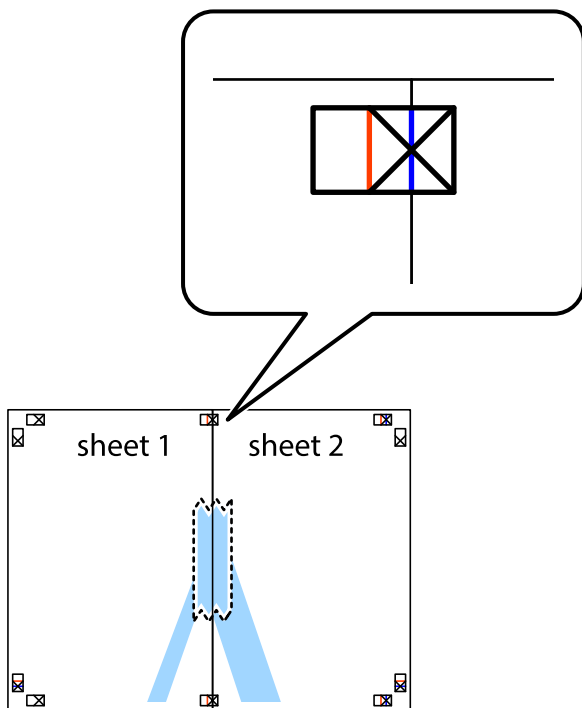


1. Prepare Sheet 1 and Sheet 2. Cut off the margins of Sheet 1 along the vertical blue line through the center of the top and bottom cross marks.

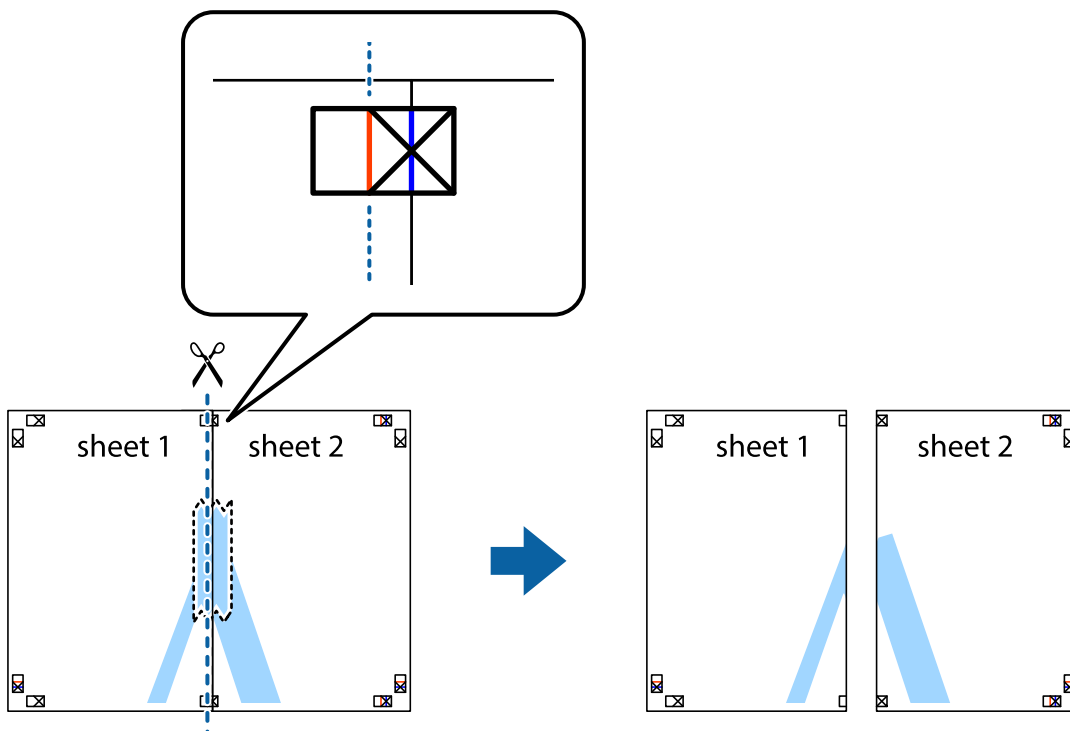


Printing

2. Place the edge of Sheet 1 on top of Sheet 2 and align the cross marks, then temporarily tape the two sheets together from the back.

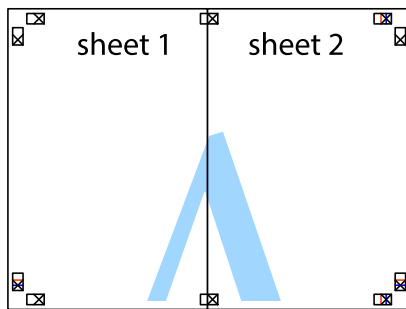


3. Cut the taped sheets in two along the vertical red line through the alignment markers (this time, the line to the left of the cross marks).

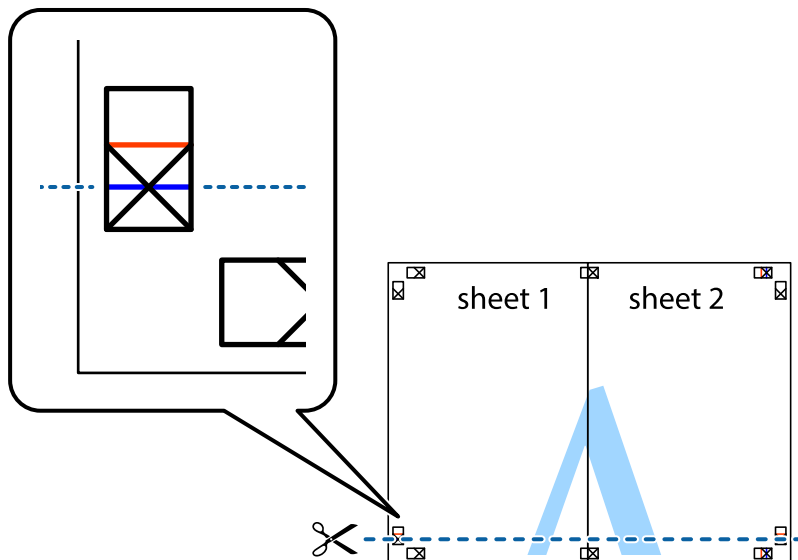


Printing

4. Tape the sheets together from the back.

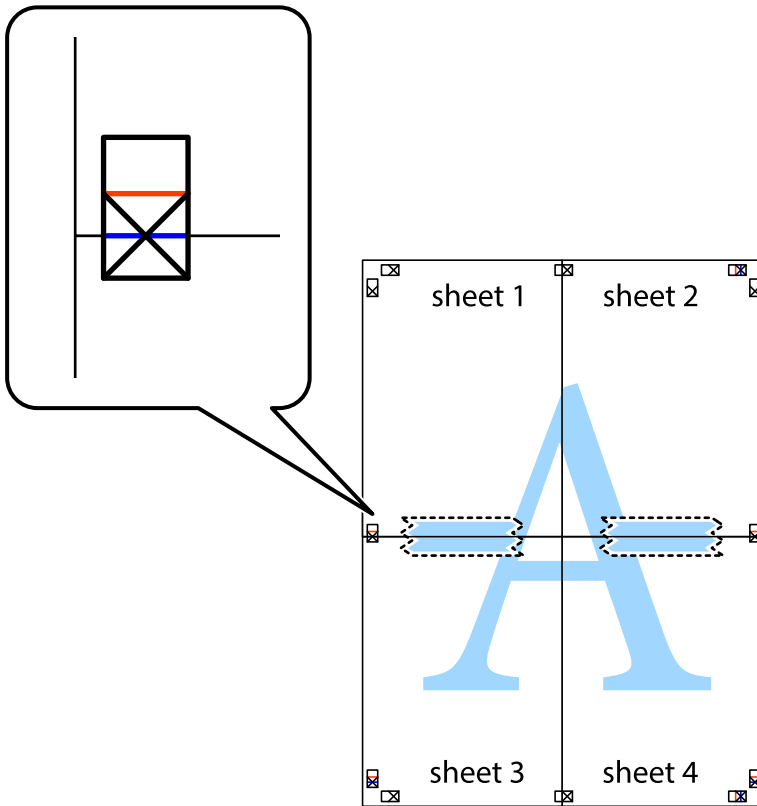


5. Repeat steps 1 to 4 to tape Sheet 3 and Sheet 4 together.
6. Cut off the margins of Sheet 1 and Sheet 2 along the horizontal blue line through the center of the left and right side cross marks.



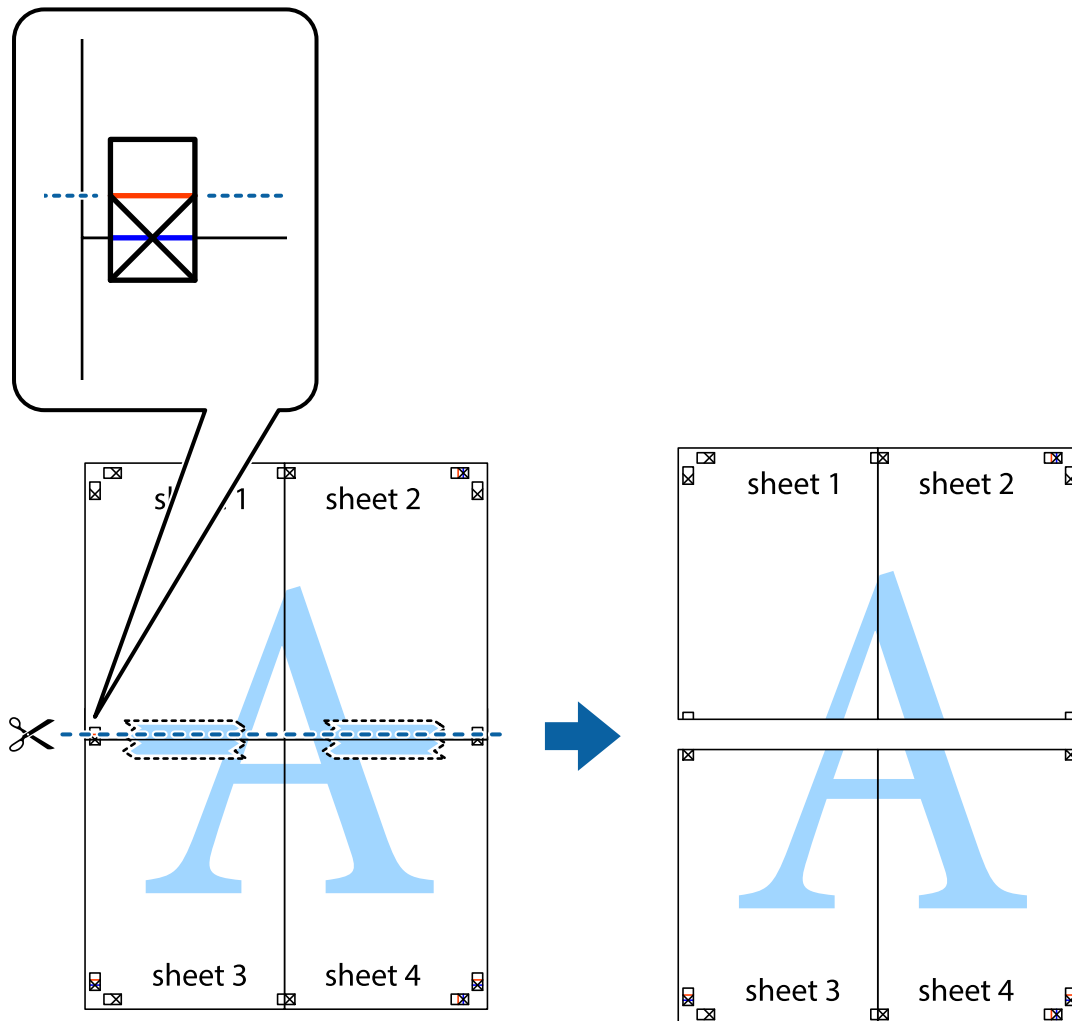
Printing

7. Place the edge of Sheet 1 and Sheet 2 on top of Sheet 3 and Sheet 4 and align the cross marks, and then temporarily tape them together from the back.

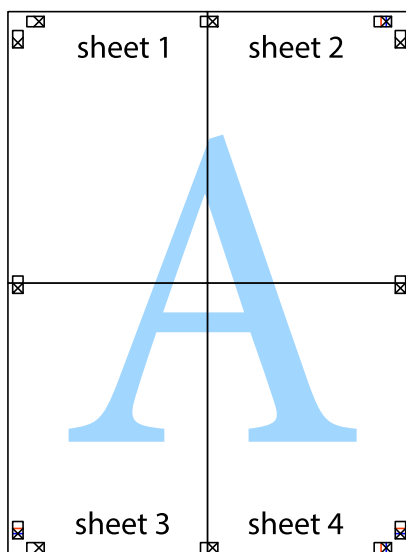


Printing

8. Cut the taped sheets in two along the horizontal red line through the alignment markers (this time, the line above the cross marks).

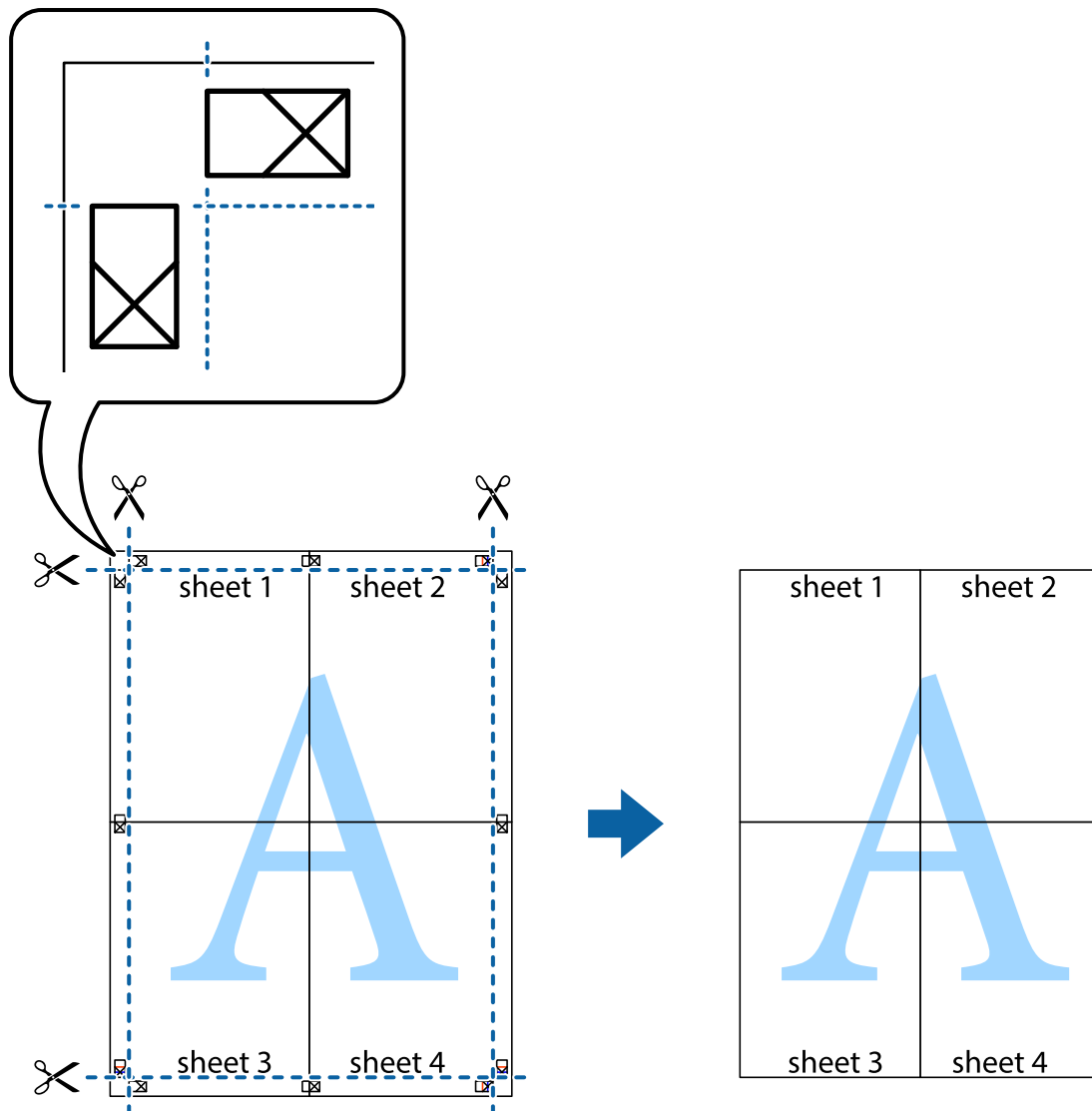


9. Tape the sheets together from the back.



Printing

10. Cut off the remaining margins along the outer guide.



Printing Using Advanced Features

This section introduces a variety of additional layout and printing features available on the printer driver.

Related Information

- ➔ [“Windows Printer Driver” on page 94](#)
- ➔ [“Mac OS X Printer Driver” on page 97](#)

Adding a Printing Preset to Print Easily

If you create your own preset of frequently used print settings on the printer driver, you can print easily by selecting the preset from the list.

Printing

Windows

To add your own preset, set items such as the **Document Size** and **Paper Type** on the **Main** or **More Options** tab, and then click **Add/Remove Presets** in **Printing Presets**.

Note:

To delete an added preset, click **Add/Remove Presets**, select the preset name you want to delete from the list, and then delete it.

Mac OS X

Access the print dialog. To add your own preset, set items such as the **Paper Size** and **Media Type**, and then save the current settings as the preset in the **Presets** setting.

Note:

To delete an added preset, click **Presets > Show Presets**, select the preset name you want to delete from the list, and then delete it.

Printing a Reduced or Enlarged Document

You can reduce or enlarge the size of a document by a specific percentage.

Windows

Note:

This feature is not available for borderless printing.

Set the **Document Size** on the **More Options** tab. Select **Reduce/Enlarge Document**, **Zoom to**, and then enter a percentage.

Mac OS X

Note:

Operations differ depending on the application. See the application's help for details.

Select **Page Setup** (or **Print**) from the **File** menu. Select the printer from **Format For**, select the paper size, and then enter a percentage in **Scale**. Close the window, and then print following the basic printing instructions.

Adjusting the Print Color

You can adjust the colors used in the print job.

PhotoEnhance produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Note:

- ☐ These adjustments are not applied to the original data.
- ☐ **PhotoEnhance** adjusts the color by analyzing the location of the subject. Therefore, if you have changed the location of the subject by reducing, enlarging, cropping, or rotating the image, the color may change unexpectedly. Selecting the borderless setting also changes the location of the subject resulting in changes in color. If the image is out of focus, the tone may be unnatural. If the color is changed or becomes unnatural, print in a mode other than **PhotoEnhance**.

Windows

Select the method of color correction from **Color Correction** on the **More Options** tab.

Printing

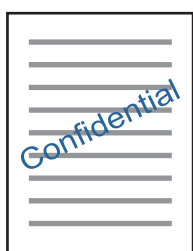
If you select **Automatic**, the colors are automatically adjusted to match the paper type and print quality settings. If you select **Custom** and click **Advanced**, you can make your own settings.

Mac OS X

Access the print dialog. Select **Color Matching** from the pop-up menu, and then select **EPSON Color Controls**. Select **Color Options** from the pop-up menu, and then select one of the available options. Click the arrow next to **Advanced Settings** and make the appropriate settings.

Printing a Watermark (for Windows Only)

You can print a watermark such as "Confidential" on your printouts. You can also add your own watermark.



Note:

This feature is not available with borderless printing.

Click **Watermark Features** on the **More Options** tab, and then select a watermark. Click **Settings** to change details such as the density and position of the watermark.

Printing Photos Using Epson Easy Photo Print

Epson Easy Photo Print lets you lay out and print photos easily on various types of paper. See the application's help for details.

Note:

- ☐ By printing on genuine Epson photo paper, the ink quality is maximized and the printouts are vivid and clear.
- ☐ To perform borderless printing using a commercially available application, make the following settings.
 - ☐ Create the image data to fully fit the paper size and if a margin setting is available in the application you are using, set the margin to 0 mm.
 - ☐ Enable the borderless printing setting in the printer driver.

Related Information

- ➔ ["Epson Easy Photo Print" on page 99](#)
- ➔ ["Installing Applications" on page 102](#)

Printing from Smart Devices

Using Epson iPrint

Epson iPrint is an application that allows you to print photos, documents, and web pages from a smart device such as a smartphone or tablet. You can use local print, printing from a smart device that is connected to the same wireless network as your printer, or remote print, printing from a remote location over the Internet. To use remote print, register your printer in the Epson Connect service.



Related Information

➔ [“Epson Connect Service” on page 92](#)

Installing Epson iPrint

You can install Epson iPrint on your smart device from the following URL or QR code.

<http://ipr.to/a>

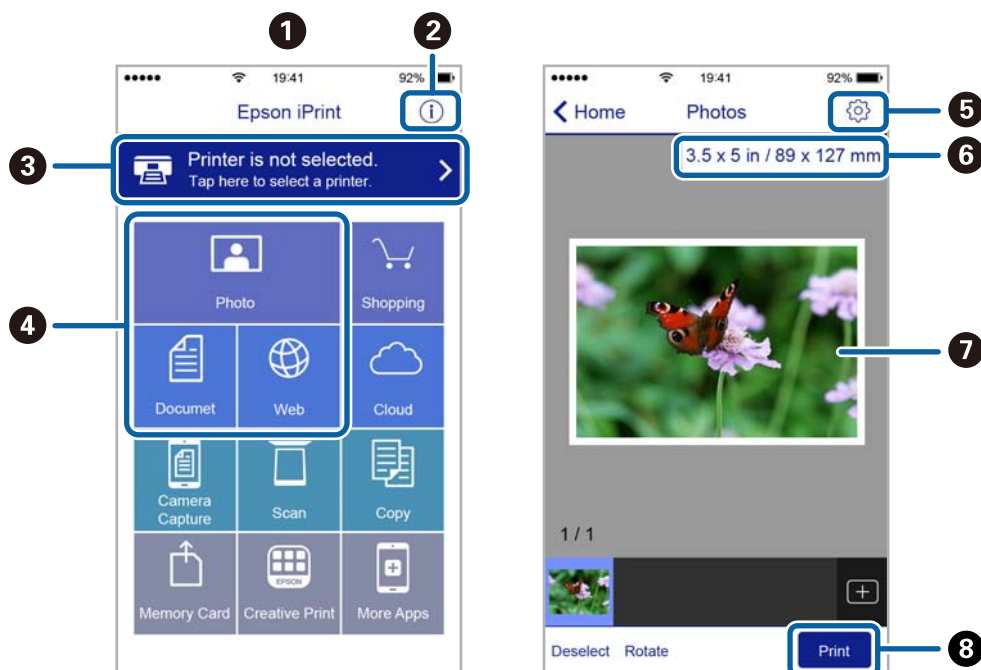


Printing Using Epson iPrint

Start Epson iPrint from your smart device and select the item you want to use from the home screen.

Printing

The following screens are subject to change without notice.



1	Home screen displayed when the application is started.
2	Displays information on how to setup the printer and a FAQ.
3	Displays the screen where you can select the printer and make printer settings. Once you have selected the printer, you do not need to select it again from the next time.
4	Select what you want to print such as photos, documents, and web pages.
5	Displays the screen to make print settings such as paper size and paper type.
6	Displays the paper size. When this is displayed as a button, press it to display the paper settings currently set on the printer.
7	Displays photos and documents you selected.
8	Starts printing.

Note:

To print from the document menu using iPhone, iPad, and iPod touch running iOS, start Epson iPrint after transferring the document you want to print using the file sharing function in iTunes.

Using AirPrint

AirPrint enables instant wireless printing from iPhone, iPad, and iPod touch with the latest version of iOS, and Mac with the latest version of OS X.

**Note:**

If you disabled paper configuration messages on your product control panel, you cannot use AirPrint. See the link below to enable the messages, if necessary.

1. Load paper in your product.
2. Set up your product for wireless printing. See the link below.
<http://epson.sn>
3. Connect your Apple device to the same wireless network that your product is using.
4. Print from your device to your product.

Note:

For details, see the AirPrint page on the Apple website.

Related Information

➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Printing from a Digital Camera

Note:

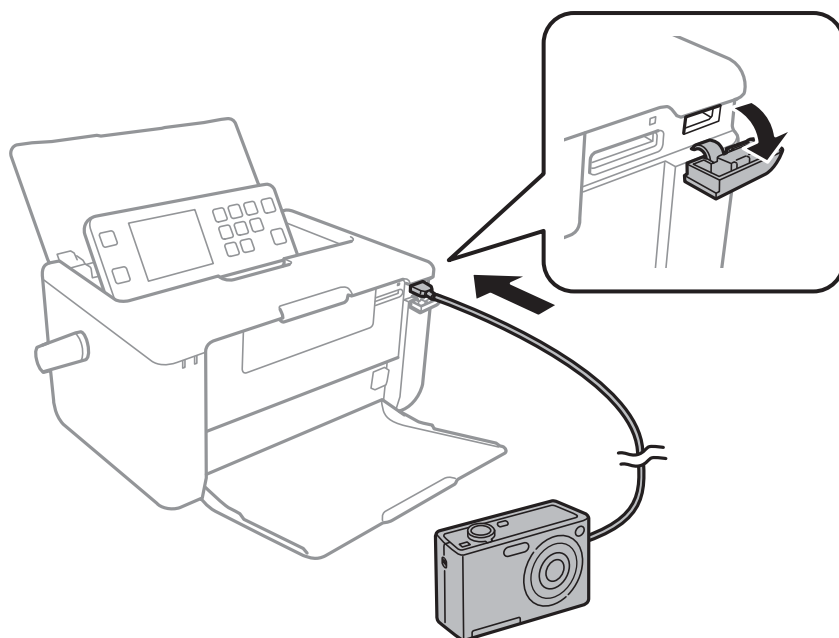
- ☐ You can print photos directly from a PictBridge-compatible digital camera. For more details on making operations on your camera, see the documentation provided with your camera.
- ☐ Usually digital camera settings are given priority; however, in the following situations, the printer settings are given priority.
 - ☐ When the camera's print setting is set to "use printer settings"
 - ☐ When the **Sepia** or **B&W** option is selected in the printer's print settings.
 - ☐ When combining the print settings of the camera and the printer produces settings that are not available on the printer.
- ☐ You can print photos with DPOF settings directly from a camera.

Printing

Printing from a Digital Camera Connected by USB Cable

You can print photos directly from a digital camera connected by USB cable.

1. Remove a memory card from the printer.
2. Load paper in the printer.
3. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button. Select **External Device Setup** using the ▲ or ▼ button, and then press the OK button.
4. Select **Print Settings** or **Photo Adjustments**, press the OK button, and then change the settings if necessary. Select the setting items using the ▲ or ▼ button and change settings using the ◀ or ▶ button.
5. Turn on the digital camera, and then connect to the printer using a USB cable.



Note:

Use a USB cable that is shorter than two meters.

6. Select the photos you want to print from the digital camera, make settings such as the number of copies, and then start printing.

Related Information

- ➡ “Loading Paper in the Rear Paper Feed” on page 32
- ➡ “Menu Options for Paper and Print Settings” on page 42
- ➡ “Menu Options for Photo Adjustment” on page 43

Printing

Printing from a Digital Camera Connected Wirelessly

You can wirelessly print photos from digital cameras that support the DPS over IP standard (from here on referred to as PictBridge (wireless LAN)).

1. Make sure the icon that indicates that the printer is connected to a wireless network is displayed on the home screen.

Note:

*You can check the meaning of the icons on the control panel. Select **Help** on the home screen using the ◀ or ▶ button, and then press the OK button. Select **Icon List** using the ▲ or ▼ button, and then press the OK button.*

2. Load paper in the printer.
3. Select **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button. Select **External Device Setup** using the ▲ or ▼ button, and then press the OK button.
4. Select **Print Settings** or **Photo Adjustments**, press the OK button, and then change the settings if necessary. Select the setting items using the ▲ or ▼ button and change settings using the ◀ or ▶ button.
5. Connect the digital camera to the same network as the printer.
6. Display the list of available printers on the digital camera, and then select the printer you want to connect to.

Note:

❑ *To check the printer's name, select **Setup** > **Network Settings** > **Network Status** from the home screen.*

❑ *If your digital camera has a function that allows you to register printers, you can connect to the printer by selecting it from the next time.*

7. Select the photos you want to print from the digital camera, make settings such as the number of copies, and then start printing.
8. Disconnect the PictBridge (wireless LAN) connection to the printer from the digital camera.



Important:

When using PictBridge (wireless LAN), you cannot use other printer functions or print from other devices. Disconnect immediately when you have finished printing.

Related Information

- ➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➡ [“Menu Options for Paper and Print Settings” on page 42](#)
- ➡ [“Menu Options for Photo Adjustment” on page 43](#)

Canceling Printing

Note:

- ❑ *In Windows, you cannot cancel a print job from the computer once it has been completely sent to the printer. In this case, cancel the print job by using the printer's control panel.*
- ❑ *When printing several pages from Mac OS X, you cannot cancel all of the jobs by using the control panel. In this case, cancel the print job from the computer.*
- ❑ *If you have sent a print job from Mac OS X v10.6.8 through the network, you may not be able to cancel printing from the computer. In this case, cancel the print job by using the printer's control panel.*

Canceling Printing - Printer Button

Press the  button to cancel the print job in progress.

Canceling Printing - Windows

1. Access the printer driver window.
2. Select the **Maintenance** tab.
3. Click **Print Queue**.
4. Right-click on the job you want to cancel and then select **Cancel**.

Related Information

➔ [“Windows Printer Driver” on page 94](#)

Canceling Printing - Mac OS X

1. Click the printer icon in the **Dock**.
2. Select the job you want to cancel.
3. Cancel the job.
 - ❑ Mac OS X v10.8.x or later
Click  next to the progress meter.
 - ❑ Mac OS X v10.6.8 to v10.7.x
Click **Delete**.

Using the Optional Battery

Optional Battery Code

Epson recommends the use of genuine Epson Battery. Epson cannot guarantee the quality or reliability of non-genuine battery. The use of non-genuine battery may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.

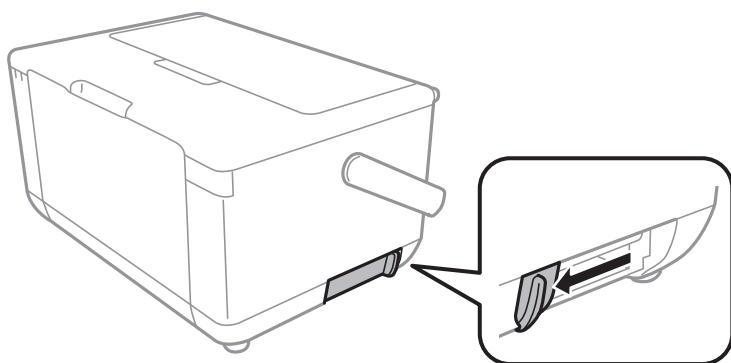
The following is the code for the optional battery.

For worldwide users: PictureMate battery (C12C932941)

For users in India: PictureMate battery (C12C932951)

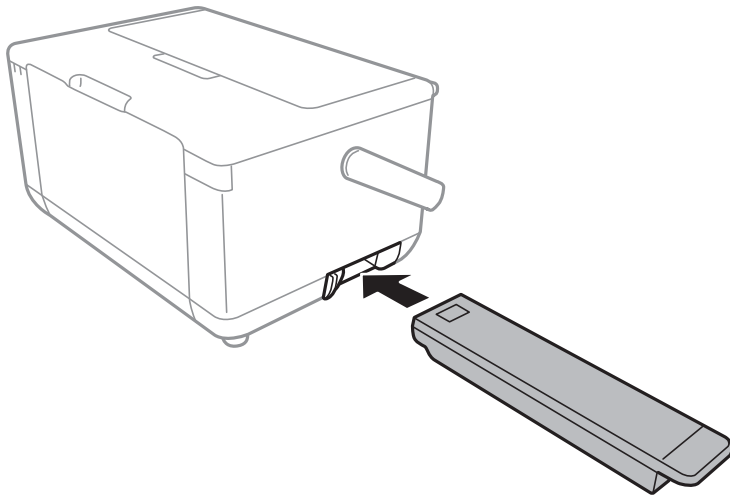
Installing the Battery

1. Make sure that the ink cartridge is installed and initial ink charging is complete.
2. Turn off the printer by pressing the  button.
3. Disconnect all cables such as the power cord and USB cable.
4. Open the battery cover.



Using the Optional Battery

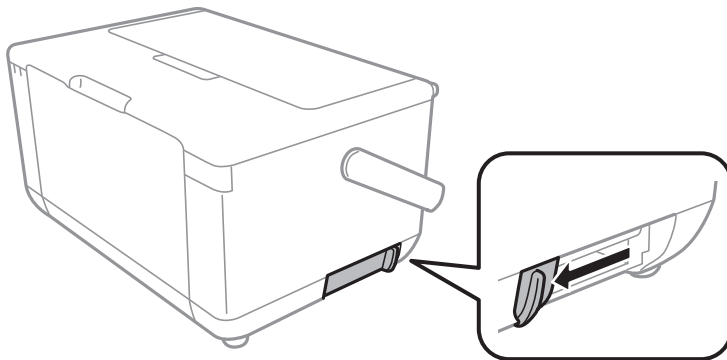
5. Insert the battery until it is fixed in place.



6. Close the battery cover.

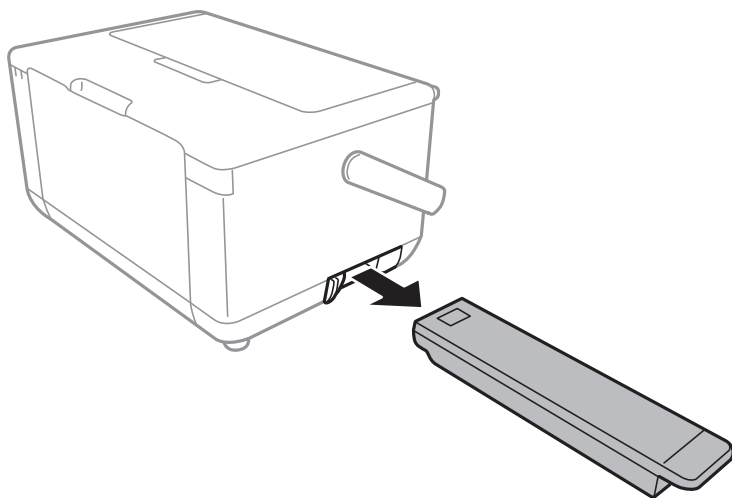
Removing the Battery

1. Turn off the printer by pressing the  button.
2. Open the battery cover.



Using the Optional Battery

3. Pull out the battery.



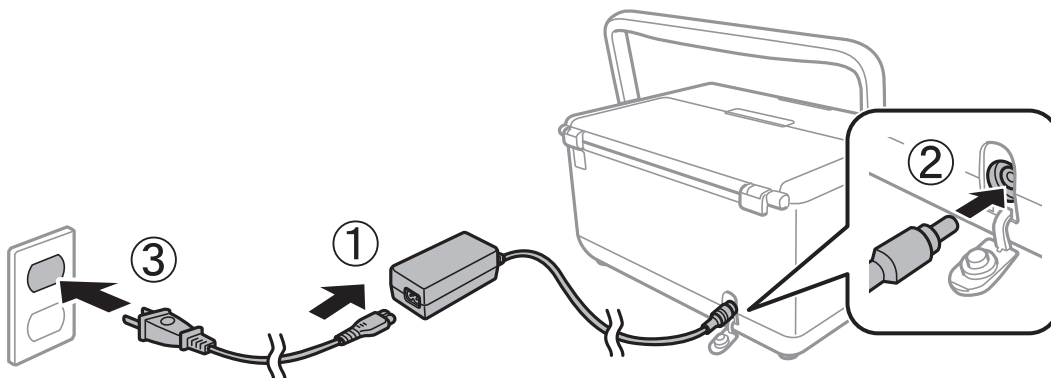
4. Close the battery cover.

Battery Charging Precautions

- ☐ The battery slowly runs down even when you do not use the printer. Charge the battery before you run the printer on the battery.
- ☐ We recommend turning off the printer when not in use to save the battery. You can also set to turn off the printer automatically.
- ☐ The battery's usable time is shorter in low temperature environments, even if you have charged the battery fully.
- ☐ You do not need to use the battery completely before charging it.
- ☐ The battery may be hot right after it is charged or used; this is normal.
- ☐ Charge the battery within a range of 3 to 50°C (37.4 to 122°F). The battery may not be fully charged or the battery may deteriorate if you charge it in low or high temperatures.
- ☐ Charging only takes place if the printer is idle, in sleep mode, or turned off.
- ☐ If the battery's usable time is significantly short even after the battery is fully charged, the battery may be at the end of its service life. We recommend replacing the battery with a new one.
- ☐ If you do not use the printer for a long time, charge the battery on a regular basis to avoid letting it run out. If the printer does not turn on, charge the battery for more than 30 minutes, and then turn on the printer again.
- ☐ Charge the battery before using it if it has not been used for a long period. If the battery charging light does not turn on, charge the battery for more than 30 minutes. If the light remains off, contact Epson support.

Charging the Battery by Connecting to an AC Adapter

Connect the power cord to the AC adapter, connect the AC adapter to the printer, and then plug in the power cord.

**Note:**

- ❑ The battery charging light turns on when the battery is charging, and turns off when the battery charge is finished.
- ❑ It takes approximately 5.0 hours until the battery is fully charged.

Related Information

➔ [“Battery Charging Precautions” on page 68](#)

Precautions on Storing and Disposing the Battery

- ❑ Store the battery out of children's reach in order to avoid troubles by swallowing.
- ❑ When not using the printer for a long period of time, remove the battery from the printer and store them separately to avoid over-discharging the battery.
- ❑ Do not store the battery where the temperature is very high.
- ❑ Before disposing of the battery, make sure you discharge them completely.
- ❑ Do not dispose of batteries as ordinary refuse. Instead, dispose of them in a collection or recycle box in accordance with local laws.
- ❑ Do not incinerate or dispose of the battery in fire.

Replacing Ink Cartridges and Other Consumables

Checking the Status of the Remaining Ink and the Maintenance Box

You can check the approximate ink levels and the approximate service life of the maintenance box from the control panel or the computer.

Checking the Status of the Remaining Ink and the Maintenance Box - Control Panel

1. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button.
2. Do one of the following.
 - ☐ To check the ink level, select **Ink Level** using the ▲ or ▼ button, and then press the OK button.
 - ☐ To check the remaining service life of the maintenance box, select **Maintenance box** using the ▲ or ▼ button, and then press the OK button.

Checking the Status of the Remaining Ink and the Maintenance Box - Windows

1. Access the printer driver window.
2. Click **EPSON Status Monitor 3** on the **Maintenance** tab.

Note:

*If EPSON Status Monitor 3 is disabled, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.*

Related Information

➡ [“Windows Printer Driver” on page 94](#)

Checking the Status of the Remaining Ink and the Maintenance Box - Mac OS X

1. Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.
2. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.

Replacing Ink Cartridges and Other Consumables

3. Click **EPSON Status Monitor**.

Ink Cartridge Code

The following is the code for genuine Epson ink cartridge.

372

Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed.

Note:

Ink cartridge codes may vary by location. For the correct codes in your area, contact Epson support.

Related Information

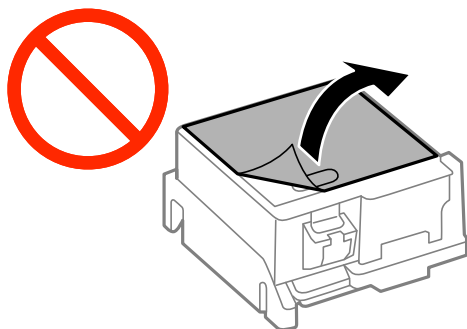
➔ [“Technical Support Web Site” on page 136](#)

Ink Cartridge Handling Precautions

Read the following instructions before replacing the ink cartridge.

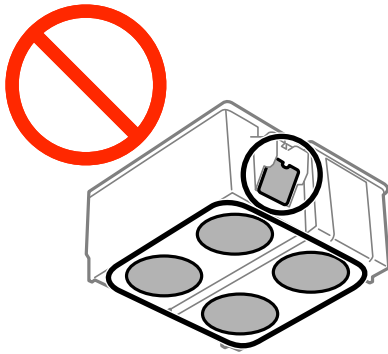
Handling precautions

- ☐ Store ink cartridges at normal room temperature and keep them away from direct sunlight.
- ☐ Epson recommends using the ink cartridge before the date printed on the package.
- ☐ For best results, use up ink cartridge within six months of opening the package.
- ☐ For best results, store ink cartridge packages with their bottom down.
- ☐ After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- ☐ Do not open the ink cartridge package until you are ready to install it in the printer. The cartridge is vacuum packed to maintain its reliability. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.
- ☐ You must remove the yellow tape from the cartridge before installing it; otherwise, print quality may decline or you may not be able to print. Do not remove or tear the label on the cartridge; this can cause leakage.

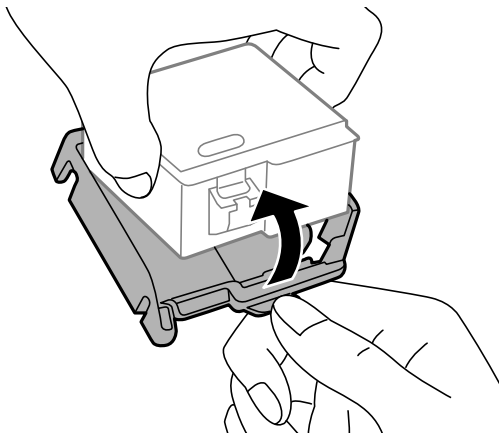


Replacing Ink Cartridges and Other Consumables

- ❑ Do not touch the sections shown in the illustration. Doing so may prevent normal operation and printing.



- ❑ Do not replace ink cartridge with the power off. Do not move the print head by hand; otherwise, you may damage the printer.
- ❑ Do not turn off the printer during ink charging. If the ink charging is incomplete, you may not be able to print.
- ❑ Do not leave the printer with the ink cartridge removed or do not turn off the printer during cartridge replacement. Otherwise, ink remaining in the print head nozzles will dry out and you may not be able to print.
- ❑ Be careful not to let dust or any objects get inside the ink cartridge holder. Anything inside the holder may adversely affect the printing results or result in an inability to print. If anything gets inside the holder, remove it carefully.
- ❑ Insert the ink cartridge in the correct direction. If the cartridge is inserted in the wrong direction, the insertion area may be damaged and the printer may not be able to print.
- ❑ If you remove the cartridge from the printer for later use or to dispose of it, make sure you put the cap back on the cartridge's ink supply port to prevent ink from drying out or to prevent surrounding areas from getting smeared by ink.



- ❑ This printer uses ink cartridges equipped with a green chip that monitors information such as the amount of remaining ink for each cartridge. This means that even if the cartridge is removed from the printer before it is expended, you can still use the cartridge after reinserting it back into the printer. However, when reinserting a cartridge, some ink may be consumed to guarantee printer performance.
- ❑ For maximum ink efficiency, only remove an ink cartridge when you are ready to replace it. Ink cartridges with low ink status may not be used when reinserted.
- ❑ To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates to replace the cartridge. The yields quoted for you do not include this reserve.

Replacing Ink Cartridges and Other Consumables

- ☐ Although the ink cartridges may contain recycled materials, this does not affect printer function or performance.
- ☐ Specifications and appearance of the ink cartridge are subject to change without prior notice for improvement.
- ☐ Do not disassemble or remodel the ink cartridge, otherwise you may not be able to print normally.
- ☐ You cannot use the cartridge that came with the printer for the replacement.
- ☐ Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.
- ☐ Finish ink cartridge replacement promptly. Do not leave the printer with the ink cartridge removed.

Ink Consumption

- ☐ To maintain optimum print head performance, some ink is consumed from the cartridge not only during printing but also during maintenance operations such as ink cartridge replacement and print head cleaning.
- ☐ When printing in monochrome or grayscale, color inks instead of black ink may be used depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.
- ☐ The ink in the ink cartridge supplied with your printer is partly used during initial setup. In order to produce high quality printouts, the print head in your printer will be fully charged with ink. This one-off process consumes a quantity of ink and therefore this cartridge may print fewer pages compared to subsequent ink cartridges.

Replacing the Ink Cartridge



Important:

Do not shake the ink cartridge.

Note:

You can continue printing even after the printer indicates that the ink is low. However, prepare new ink cartridge as soon as possible.

1. Do one of the following.

- ☐ When prompted to replace the ink cartridge

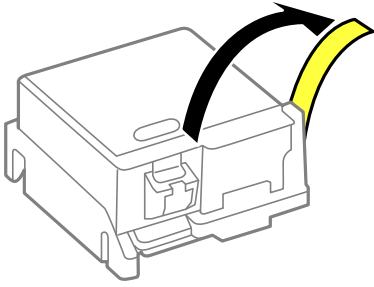
Check the ink cartridge code, and then press the OK button. Select **Replace now** using the ▲ or ▼ button, and then press the OK button.

- ☐ When replacing the ink cartridge before it is expended

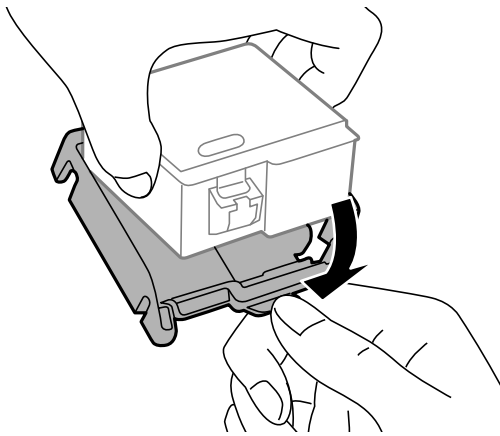
Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button. Select **Maintenance** using the ▲ or ▼ button, and then press the OK button. Select **Ink Cartridge Replacement** using the ▲ or ▼ button, and then press the OK button. Confirm the message, and then press the OK button.

Replacing Ink Cartridges and Other Consumables

2. Remove the ink cartridge from its package and then remove only the yellow tape.

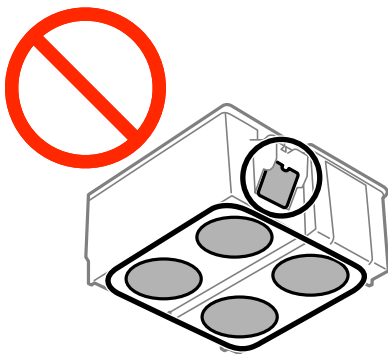


3. Remove the cap.



! Important:

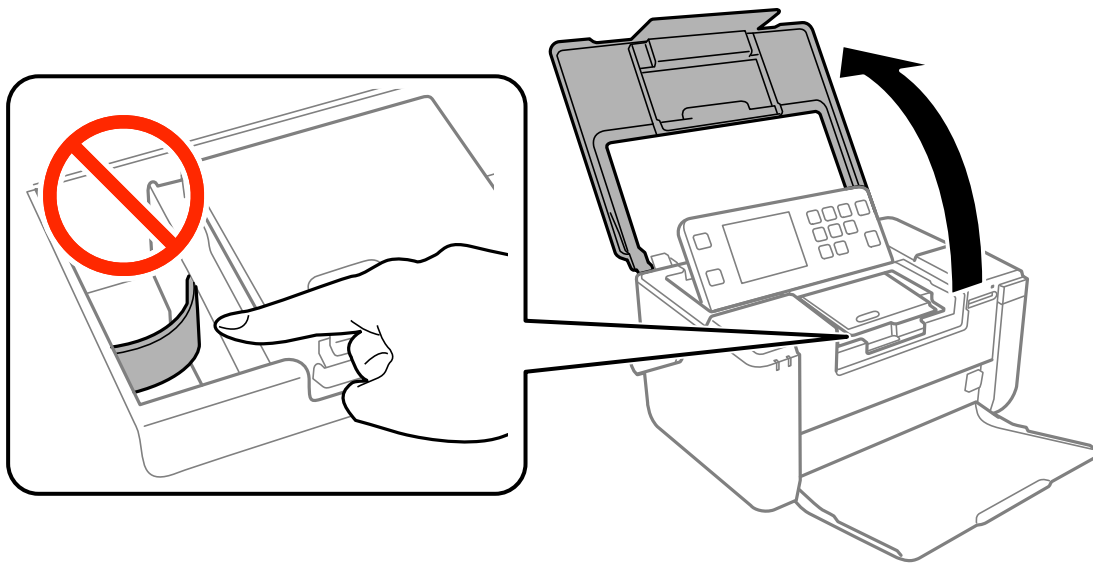
Do not touch the sections shown in the illustration. Doing so may prevent normal operation and printing.



4. Press the  button.

Replacing Ink Cartridges and Other Consumables

5. Open the printer cover.

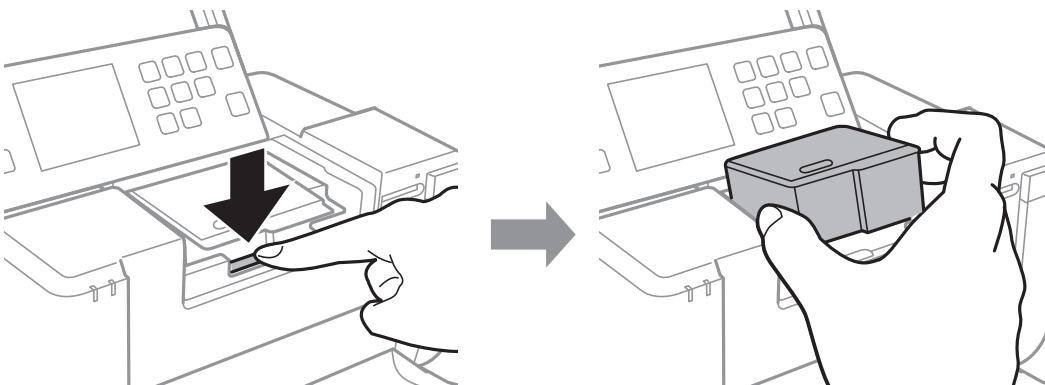


6. Push the tab to unlock the ink cartridge holder, and then remove the cartridge diagonally.

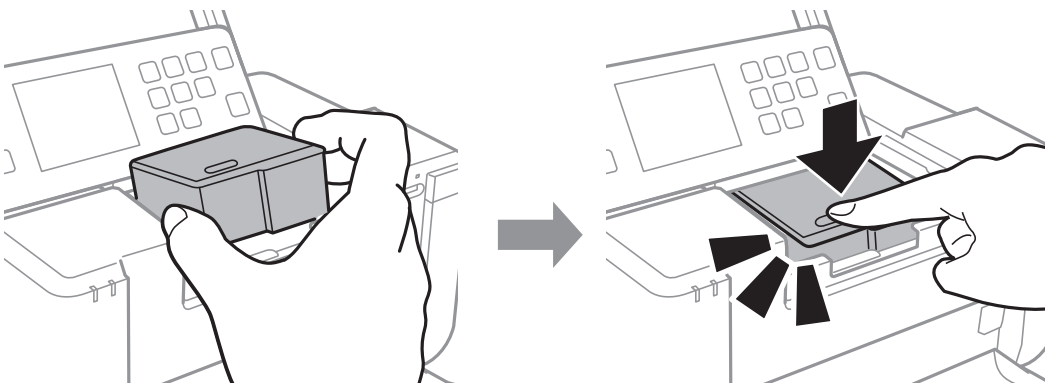


Important:

Finish ink cartridge replacement as soon as possible. Otherwise, some ink may be consumed to guarantee printer performance.



7. Insert the ink cartridge diagonally into the cartridge holder and gently push it down until it clicks into place.



Replacing Ink Cartridges and Other Consumables

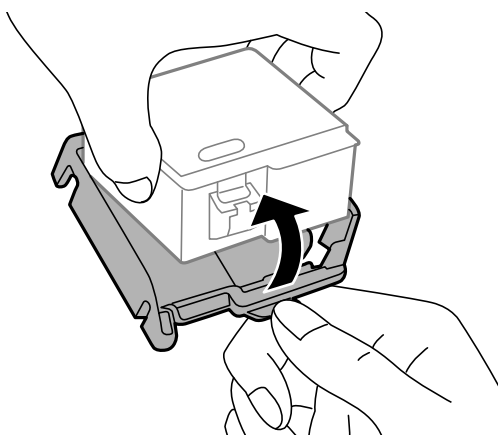
! Important:

Insert the ink cartridge in the correct direction. If the cartridge is inserted in the wrong direction, the insertion area may be damaged and the printer may not be able to print.

8. Close the printer cover, and then press the  button.
9. Follow the on-screen instructions.

! Important:

- ☐ If you remove the cartridge from the printer for later use or to dispose of it, make sure you put the cap back on the cartridge's ink supply port to prevent ink from drying out or to prevent surrounding areas from getting smeared by ink.



- ☐ Do not turn off the printer during ink charging. If the ink charging is incomplete, you may not be able to print.

Related Information

- ➔ [“Ink Cartridge Code” on page 71](#)
- ➔ [“Ink Cartridge Handling Precautions” on page 71](#)

Maintenance Box Code

Epson recommends the use of a genuine Epson maintenance box.

The following is the code for the genuine Epson maintenance box.

T2951

Maintenance Box Handling Precautions

Read the following instructions before replacing the maintenance box.

- ☐ Do not touch the green chip on the side of the maintenance box. Doing so may prevent normal operation and printing.

Replacing Ink Cartridges and Other Consumables

- ☐ Do not tilt the used maintenance box until after it is sealed in the plastic bag; otherwise ink may leak.
- ☐ Do not drop the maintenance box or subject it to strong shocks.
- ☐ Do not replace the maintenance box when the printer is on; otherwise, ink may leak.
- ☐ Do not replace the maintenance box during printing; otherwise, ink may leak.
- ☐ Do not reuse a maintenance box which has been removed and left detached for a long period. Ink inside the box will have solidified and no more ink can be absorbed.
- ☐ Do not remove the maintenance box and its cover except when replacing the maintenance box; otherwise ink may leak.
- ☐ Keep the maintenance box out of direct sunlight.
- ☐ Do not store the maintenance box in high or freezing temperatures.

Replacing a Maintenance Box

In some print cycles a very small amount of surplus ink may be collected in the maintenance box. To prevent ink leakage from the maintenance box, the printer is designed to stop printing when the absorbing capacity of the maintenance box has reached its limit. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the printer performs. Replace the maintenance box when you are promoted to do so. The Epson Status Monitor, your LCD, or lights on the control panel will advise you when this part needs replacing. The need for replacement of the box does not mean that your printer has ceased to operate in accordance with its specifications. The Epson warranty does not cover the cost of this replacement. It is a user-serviceable part.

1. Remove the new maintenance box from its package.

**Important:**

Do not touch the green chip on the side of the maintenance box. Doing so may prevent normal operation and printing.

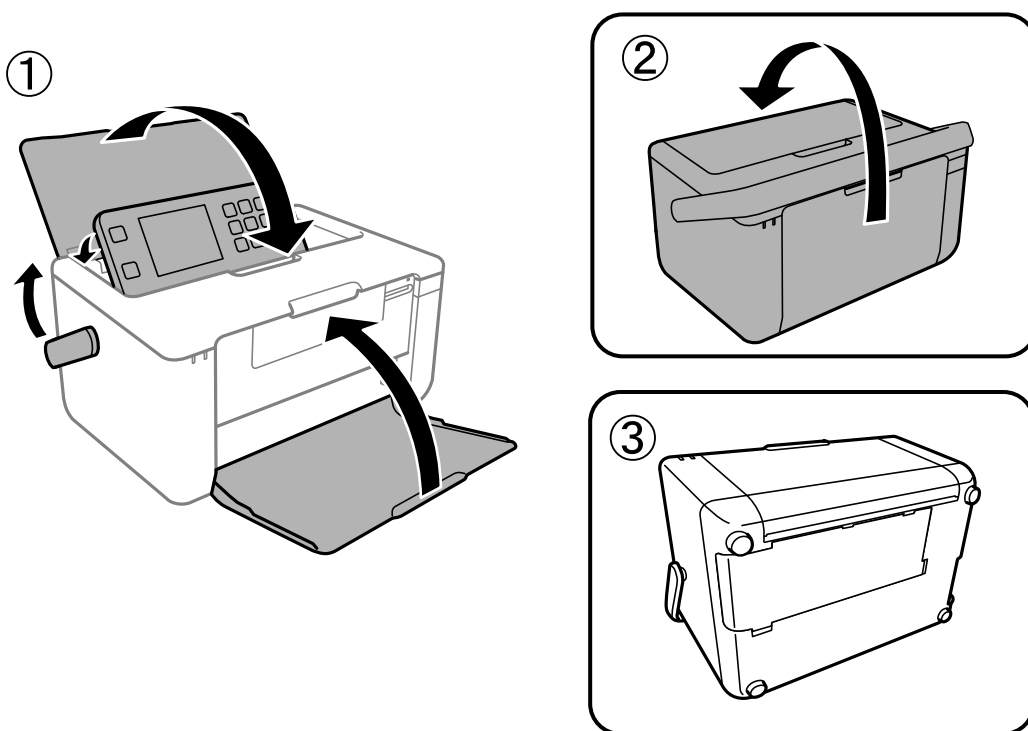
Note:

A transparent bag for the used maintenance box is provided with the new maintenance box.

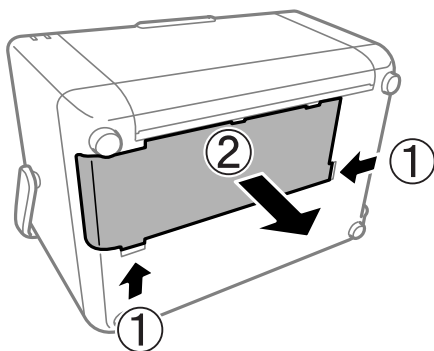
2. Turn off the printer by pressing the  button.
3. Disconnect all cables such as the power cord and USB cable.

Replacing Ink Cartridges and Other Consumables

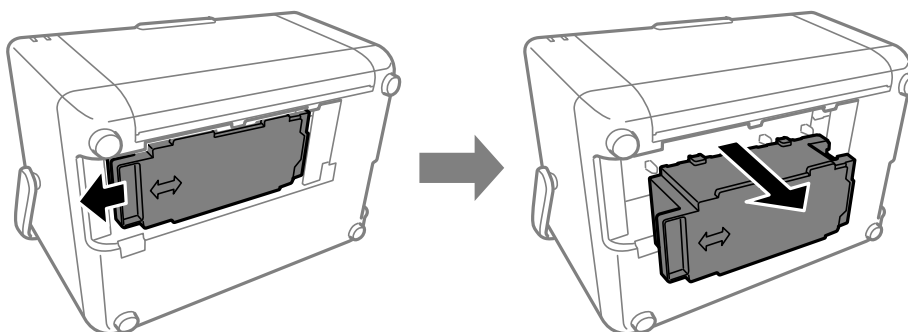
4. Close the rear paper feed cover and the output tray, move the handle forward, and then turn the printer over with the back side on the bottom.



5. Push the tabs on the maintenance box cover, and then remove the cover.



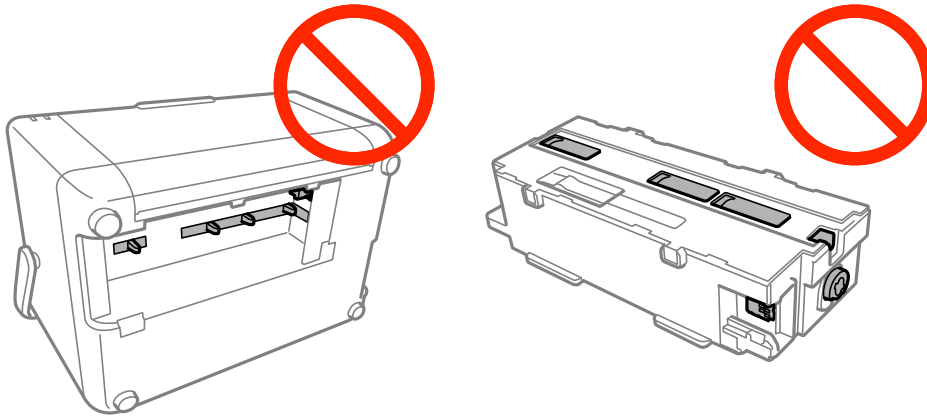
6. Slide the maintenance box as shown in the illustration, and then remove the box.



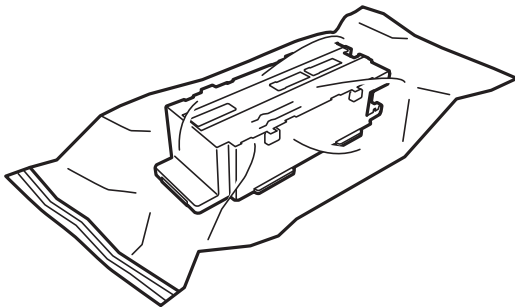
Replacing Ink Cartridges and Other Consumables

! Important:

Do not touch the sections shown in the illustration. Doing so may prevent normal operation and you may get smeared with ink.



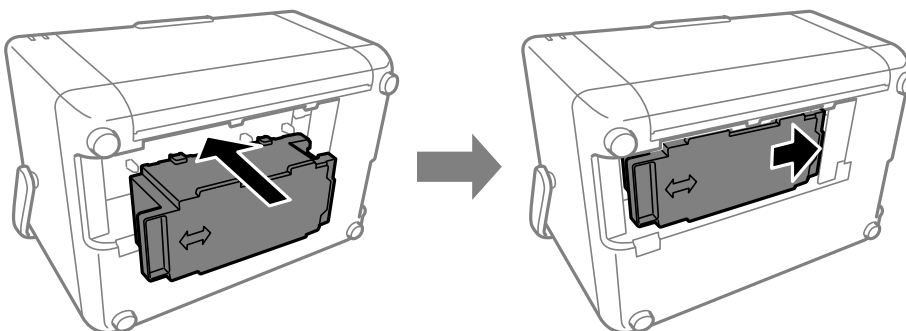
7. Put the used maintenance box in the transparent bag that came with the new maintenance box and seal the bag shut.



! Important:

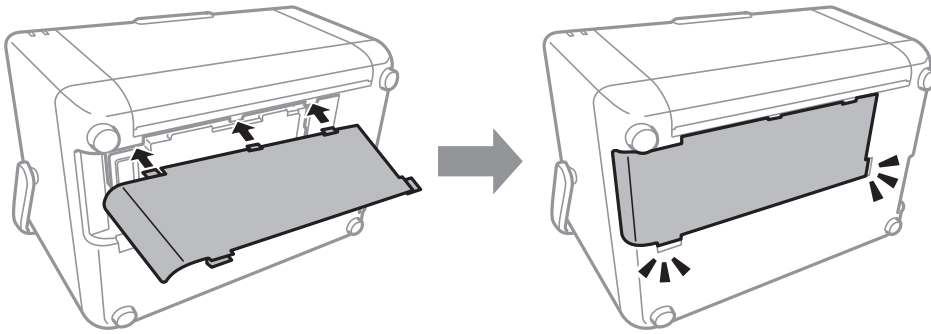
Do not drop or throw the maintenance box or subject it to strong shocks.

8. Insert the new maintenance box all the way into the printer, and then slide it to install it.



Replacing Ink Cartridges and Other Consumables

9. Insert the tabs on the cover into the slots, and then reattach the cover by pushing both sides until it clicks into place.



When the cover cannot be reattached, the maintenance box may not be installed correctly. Remove the maintenance box, and re-install it.

Related Information

- ➡ [“Maintenance Box Code” on page 76](#)
- ➡ [“Maintenance Box Handling Precautions” on page 76](#)

Maintaining the Printer

Checking and Cleaning the Print Head

If the nozzles are clogged, the printouts become faint, there is visible banding, or unexpected colors appear. When print quality has declined, use the nozzle check feature and check if the nozzles are clogged. If the nozzles are clogged, clean the print head.



Important:

Do not turn off the printer during head cleaning. If the head cleaning is incomplete, you may not be able to print.

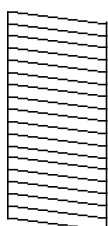
Note:

- ☐ Because print head cleaning uses some ink, clean the print head only if quality declines.
- ☐ When ink is low, you may not be able to clean the print head. Replace the ink cartridge first.
- ☐ If print quality has not improved after repeating nozzle check and head cleaning about two times, wait for at least six hours without printing, and then run the nozzle check again and repeat the head cleaning if necessary. We recommend to turn off the printer. If print quality has still not improved, contact Epson support.
- ☐ To prevent the print head from drying out, do not unplug the printer while the power is on.

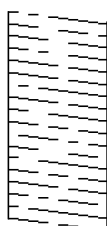
Checking and Cleaning the Print Head - Control Panel

1. Load 3.5×5 in. (9×13 cm) size or larger plain paper in the printer.
2. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button.
3. Select **Maintenance** using the ▲ or ▼ button, and then press the OK button.
4. Select **Nozzle Check** using the ▲ or ▼ button, and then press the OK button.
5. Follow the on-screen instructions to print the nozzle check pattern.
6. Examine the printed pattern. If there are broken lines or missing segments as shown in the "NG" pattern, the print head nozzles may be clogged. Go to the next step. If you cannot see any broken lines or missing segments as in the following "OK" pattern, the nozzles are not clogged. Print head cleaning is not necessary. Select **Finish Nozzle Check** using the ▲ or ▼ button, and then press the OK button.

OK



NG



Maintaining the Printer

Note:

The test pattern may vary by model.

7. Select **Head Cleaning** using the ▲ or ▼ button, and then press the OK button.
8. Follow the on-screen instructions to clean the print head.
9. When cleaning is finished, select **Nozzle Check** using the ▲ or ▼ button, and then follow the on-screen instructions to print the nozzle check pattern again. Repeat cleaning and printing the pattern until all lines are printed completely.

Related Information

➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Checking and Cleaning the Print Head - Windows

1. Load 3.5×5 in. (9×13 cm) size or larger paper in the printer.
2. Access the printer driver window.
3. Click **Nozzle Check** on the **Maintenance** tab.
4. Follow the on-screen instructions.

Related Information

➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)

➡ [“Windows Printer Driver” on page 94](#)

Checking and Cleaning the Print Head - Mac OS X

1. Load 3.5×5 in. (9×13 cm) size or larger paper in the printer.
2. Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.
3. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
4. Click **Nozzle Check**.
5. Follow the on-screen instructions.

Related Information

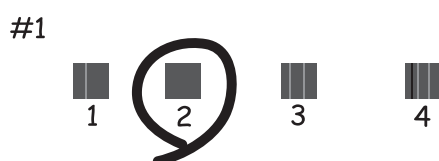
➡ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Aligning the Print Head

If you notice a misalignment of vertical lines or blurred images, align the print head.

Aligning the Print Head - Control Panel

1. Load 4×6 in. (10×15 cm) size Premium Glossy Photo Paper in the printer.
2. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button.
3. Select **Maintenance** using the ▲ or ▼ button, and then press the OK button.
4. Select **Print Head Alignment** using the ▲ or ▼ button, and then press the OK button.
5. Follow the on-screen instructions to print the alignment pattern.
6. Follow the on-screen instructions to align the print head. Find and select the number for the most solid pattern in each group using the ▲ or ▼ button, and then press the OK button.



Note:

The test pattern may vary by model.

Related Information

➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Cleaning the Paper Path

When the printouts are smeared or scuffed or paper does not feed correctly, clean the roller inside.



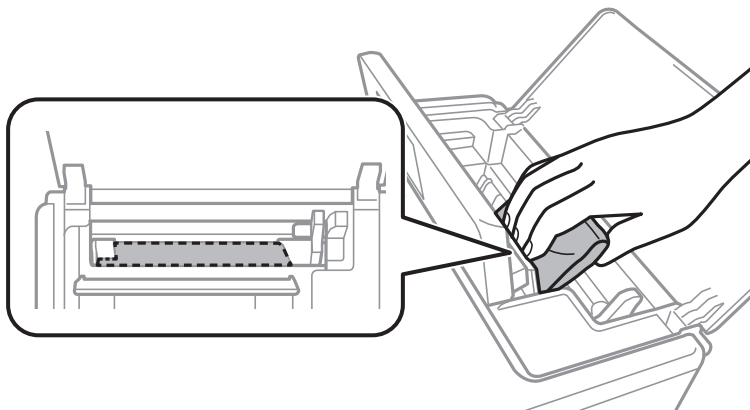
Important:

Do not use tissue paper to clean the inside of the printer. The print head nozzles may be clogged with lint.

Maintaining the Printer

Note:

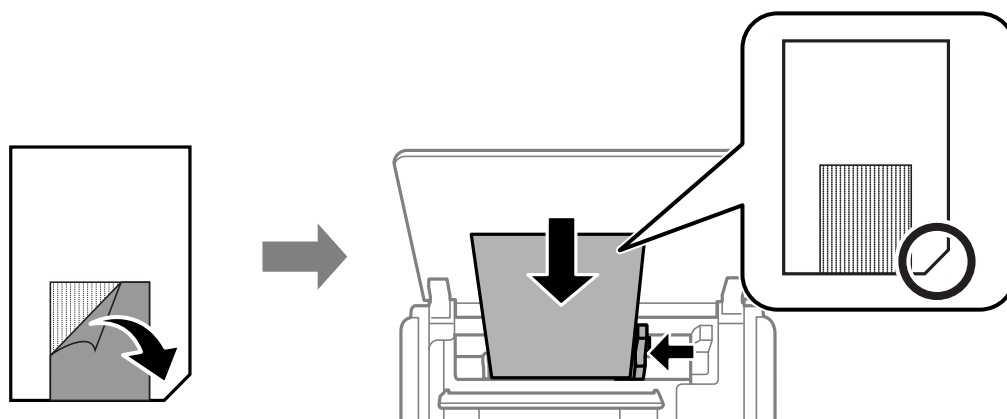
When paper does not feed correctly, wipe the rear paper feed well using a soft, dry cloth before using the cleaning sheet. Otherwise, the cleaning sheet may not have the desired effect.



1. Load paper for cleaning in the printer.
 - ☐ When the printouts are smeared or scuffed, load several sheets of paper.
 - ☐ When paper does not feed correctly, load the cleaning sheet that came with the printer.

Note:

When using the cleaning sheet, remove the protective sheet, and then load it in the printer.



2. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button.
3. Select **Maintenance** using the ▲ or ▼ button, and then press the OK button.
4. Select **Paper Guide Cleaning** using the ▲ or ▼ button, and then press the OK button.
5. Follow the on-screen instructions to clean the roller inside.

Note:

- ☐ Repeat this procedure until the paper is not smeared with ink.
- ☐ To clear a paper feeding problem, repeat this procedure two or three times.
- ☐ The cleaning sheet loses effect when used three times or more.
- ☐ To obtain a cleaning sheet, contact Epson support.

Related Information

➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Saving Power

The printer enters sleep mode or turns off automatically if no operations are performed for a set period. You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

Saving Power - Control Panel

1. Enter **Setup** from the home screen using the ◀ or ▶ button, and then press the OK button.
2. Select **Printer Setup** using the ▲ or ▼ button, and then press the OK button.
3. Select **Power Off Timer** or **Sleep Timer** using the ▲ or ▼ button, and then press the OK button.
4. Select the setting using the ▲ or ▼ button, and then press the OK button.

Menu Options for Setup Mode

By selecting **Setup** on the home screen from the control panel, you can make printer settings or perform printer maintenance.

Menu Options for Ink Level

Select the menus on the control panel as described below.

Setup > Ink Level

Displays the approximate level of the ink cartridge. When the ! mark is displayed, the ink cartridge is running low. When the X mark is displayed, the ink cartridge is expended.

Related Information

➔ [“Checking the Status of the Remaining Ink and the Maintenance Box” on page 70](#)

Menu Options for Battery

Select the menus on the control panel as described below.

Setup > Battery

Displays the status, the approximate level, and warnings of the optional battery.

Menu Options for Maintenance box

Select the menus on the control panel as described below.

Setup > Maintenance box

Displays the approximate service life of the maintenance box. When the ! mark is displayed, the maintenance box is nearly full. When the X mark is displayed, the maintenance box is full.

Related Information

➔ [“Checking the Status of the Remaining Ink and the Maintenance Box” on page 70](#)

Menu Options for Maintenance

Select the menus on the control panel as described below.

Maintenance > Maintenance

Menu Options for Setup Mode

Nozzle Check:

Select this feature to check if the print head nozzles are clogged. The printer prints a nozzle check pattern.

Head Cleaning:

Select this feature to clean clogged nozzles in the print head.

Print Head Alignment:

Use this feature to adjust the print head to improve print quality.

Ink Cartridge Replacement:

Use this feature to replace the ink cartridge before the ink is expended.

Paper Guide Cleaning:

Select this feature if there are ink stains on the internal rollers. The printer feeds paper to clean the internal rollers.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 81](#)
- ➔ [“Aligning the Print Head” on page 83](#)
- ➔ [“Replacing the Ink Cartridge” on page 73](#)
- ➔ [“Cleaning the Paper Path” on page 83](#)

Menu Options for Printer Setup

Select the menus on the control panel as described below.

Setup > Printer Setup

Paper Source Setting:

Paper Setup:

Select the paper size and paper type you loaded in the paper source.

Paper Setting Alert:

Select **On** to display a warning if the paper settings (print settings) for the print job do not match the printer's paper settings that you made when you loaded the paper. This setting prevents misprinting. However, the notification screen is not displayed when **Paper Configuration** is disabled in the following menu.

Setup > Paper Source Setting

Paper Configuration:

Select **On** to display the paper settings screen automatically by referring to **Setup > Printer Setup > Paper Source Setting > Paper Setup** when paper is loaded in the paper source. If you disable this feature, you cannot print from an iPhone or iPad using AirPrint

Menu Options for Setup Mode

Sound:

Adjust the volume and select the type of the sound.

Screen Saver:

Select **Memory Card Data** to display photos as a slideshow when no operations are performed for about three minutes.

Power Off Timer:

Select to turn the printer off if it is not used for a specified period of time. You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

Sleep Timer:

Adjust the time period to enter a sleep mode (energy saving mode) when the printer has not performed any operations. The LCD screen turns black when the setting time passes.

Related Information

➔ [“Loading Paper” on page 30](#)

➔ [“Saving Power” on page 85](#)

Menu Options for Network Settings

Select the menus on the control panel as described below.

Setup > Network Settings

Network Status:

Displays the network settings and connection status.

Wi-Fi setup:

☐ Wi-Fi Setup Wizard

Select a SSID, enter a password, and then connect the printer to a wireless (Wi-Fi) network.

☐ Push Button Setup (WPS)

Connects the printer to a wireless (Wi-Fi) network by pressing a WPS push button on a wireless router.

☐ PIN Code Setup (WPS)

In the wireless router utility, enter the PIN code displayed on the printer's screen to connect the printer to a wireless (Wi-Fi) network.

☐ Wi-Fi Auto Connect

Connects the printer to a wireless (Wi-Fi) network using a computer that is connected to the access point. Insert the software disc supplied with the printer into the computer, and then follow the on-screen instructions. When you are prompted to operate the printer, run this menu.

☐ Disable Wi-Fi

Disables the connection by turning off the wireless signal without deleting the network information. To enable the connection, set up the wireless (Wi-Fi) network again.

Menu Options for Setup Mode

☐ Wi-Fi Direct Setup

Connects the printer to a wireless (Wi-Fi) network without a wireless router.

Manual Network Setup:

Changes the network settings, such as the device name or TCP/IP.

Connection Check:

Checks the status of the network connection and prints the network connection report. If there are any problems with the connection, see the report to solve the problem.

Related Information

- ➔ [“Checking the Network Connection Status” on page 25](#)
- ➔ [“Making Wi-Fi Settings Manually” on page 20](#)
- ➔ [“Making Wi-Fi Settings by Push Button Setup” on page 21](#)
- ➔ [“Making Wi-Fi Settings by PIN Code Setup \(WPS\)” on page 22](#)
- ➔ [“Disconnecting Wi-Fi Direct \(Simple AP\) connection from the Control Panel” on page 28](#)

Menu Options for Epson Connect Services

Select the menus on the control panel as described below.

Setup > Epson Connect Services

Status:

Check whether or not the printer is registered and connected to the Epson Connect services.

Email Address:

Check the printer's email address that is registered to the Epson Connect services.

Register/Delete:

Register or delete the printer to or from the Epson Connect services.

Suspend/Resume:

Select whether to suspend or resume Epson Connect services.

For usage guides, see the following portal website.

<https://www.epsonconnect.com/>

<http://www.epsonconnect.eu> (Europe only)

Related Information

- ➔ [“Epson Connect Service” on page 92](#)

Menu Options for Google Cloud Print Services

Select the menus on the control panel as described below.

Setup > Google Cloud Print Services

Status:

Check whether or not the printer is registered and connected to the Google Cloud Print services.

Suspend/Resume:

Select whether to suspend or resume the Google Cloud Print services.

Restore Default Settings:

Unregister the Google Cloud Print services.

For registration and usage guides, see the following portal website.

<https://www.epsonconnect.com/>

<http://www.epsonconnect.eu> (Europe only)

Menu Options for External Device Setup

Select the menus on the control panel as described below.

Setup > External Device Setup

Change the print settings to print directly from an external device such as a digital camera. See related information for an explanation on each setting item.

Related Information

- ➡ [“Menu Options for Paper and Print Settings” on page 42](#)
- ➡ [“Menu Options for Photo Adjustment” on page 43](#)

Menu Options for File Sharing Setup

Select the menus on the control panel as described below.

Setup > File Sharing Setup

Select the connection method between the printer and a computer that will have write access to the memory card inserted in the printer. Read and write access is given to the computer with the priority connection. Only read access is given to other computers.

Related Information

- ➡ [“Accessing a Memory Card From a Computer” on page 135](#)

Menu Options for Restore Default Settings

Select the menus on the control panel as described below.

Setup > Restore Default Settings

Network Settings:

Resets the network settings to their defaults.

All Except Network Settings:

Resets all settings except for network settings to their defaults.

All Settings:

Resets all settings to their defaults.

Network Service and Software Information

This section introduces the network services and software products available for your printer from the Epson website or the supplied software disc.

Epson Connect Service

By using Epson Connect service available on the Internet, you can print from your smartphone, tablet PC, or laptop, anytime and practically anywhere.

The features available on the Internet are as follows.

Email Print	Epson iPrint remote print	Scan to Cloud	Remote Print Driver
✓	✓	–	✓

See the Epson Connect portal website for details.

<https://www.epsonconnect.com/>

<http://www.epsonconnect.eu> (Europe only)

Web Config

Web Config is an application that runs in a web browser, such as Internet Explorer and Safari, on a computer or smart device. You can confirm the printer status or change the network service and printer settings. To use the Web Config, connect the printer and the computer or device to the same network.

Note:

The following browsers are supported.

OS	Browser
Windows XP SP3 or later	Internet Explorer 8 or later, Firefox*, Chrome*
Mac OS X v10.6.8 or later	Safari*, Firefox*, Chrome*
iOS*	Safari*
Android 2.3 or later	Default browser
Chrome OS*	Default browser

* Use the latest version.

Running Web Config on a Web Browser

1. Check the printer's IP address.

Select **Setup** > **Network Settings** > **Network Status** from the home screen, and then check the printer's IP address.

2. Launch a Web browser from a computer or smart device, and then enter the printer's IP address.

Format:

IPv4: http://the printer's IP address/

IPv6: http://[the printer's IP address]/

Examples:

IPv4: http://192.168.100.201/

IPv6: http://[2001:db8::1000:1]/

Note:

Using the smart device, you can also run Web Config from the maintenance screen of Epson iPrint.

Related Information

➡ [“Using Epson iPrint” on page 60](#)

Running Web Config on Windows

When connecting a computer to the printer using WSD, follow the steps below to run Web Config.

1. Access the devices and printers screen in Windows.

☐ Windows 10

Right-click the start button or press and hold it, and then select **Control Panel** > **View devices and printers** in **Hardware and Sound**.

☐ Windows 8.1/Windows 8

Select **Desktop** > **Settings** > **Control Panel** > **View devices and printers** in **Hardware and Sound** (or **Hardware**).

☐ Windows 7

Click the start button, and select **Control Panel** > **View devices and printers** in **Hardware and Sound**.

☐ Windows Vista

Click the start button, and select **Control Panel** > **Printers** in **Hardware and Sound**.

2. Right-click on your printer and select **Properties**.

3. Select the **Web Service** tab and click the URL.

Running Web Config on Mac OS X

1. Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.

2. Click **Options & Supplies > Show Printer Webpage**.

Windows Printer Driver

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Note:

*You can change the language of the printer driver. Select the language you want to use from the **Language** setting on the **Maintenance** tab.*

Accessing the printer driver from applications

To make settings that apply only to the application you are using, access from that application.

Select **Print** or **Print Setup** from the **File** menu. Select your printer, and then click **Preferences** or **Properties**.

Note:

Operations differ depending on the application. See the application's help for details.

Accessing the printer driver from the control panel

To make settings that apply to all of the applications, access from the control panel.

☐ Windows 10

Right-click the start button or press and hold it, and then select **Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

☐ Windows 8.1/Windows 8

Select **Desktop > Settings > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

☐ Windows 7

Click the start button, and select **Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

☐ Windows Vista

Click the start button, and select **Control Panel > Printers in Hardware and Sound**. Right-click on your printer and select **Select printing preferences**.

☐ Windows XP

Click the start button, and select **Control Panel > Printers and Other Hardware > Printers and Faxes**. Right-click on your printer and select **Printing preferences**.

Accessing the printer driver from the printer icon on the task bar

The printer icon on the desktop task bar is a shortcut icon allowing you to quickly access the printer driver.

If you click the printer icon and select **Printer Settings**, you can access the same printer settings window as the one displayed from the control panel. If you double-click this icon, you can check the status of the printer.

Note:

*If the printer icon is not displayed on the task bar, access the printer driver window, click **Monitoring Preferences** on the **Maintenance** tab, and then select **Register the shortcut icon to the taskbar**.*

Network Service and Software Information

Starting the utility

Access the printer driver window. Click the **Maintenance** tab.

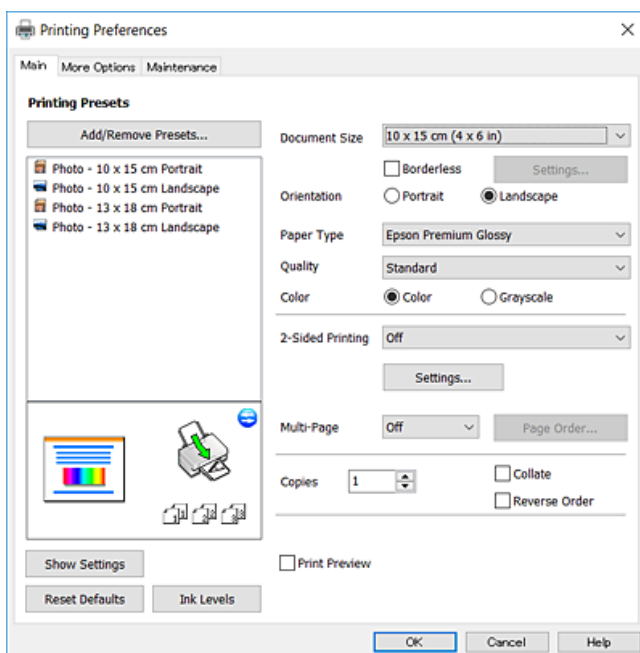
Guide to Windows Printer Driver

Help is available in the printer driver for Windows. To view explanations of the setting items, right-click on each item, and then click **Help**.

Main Tab

You can make basic settings for printing, such as paper type or paper size.

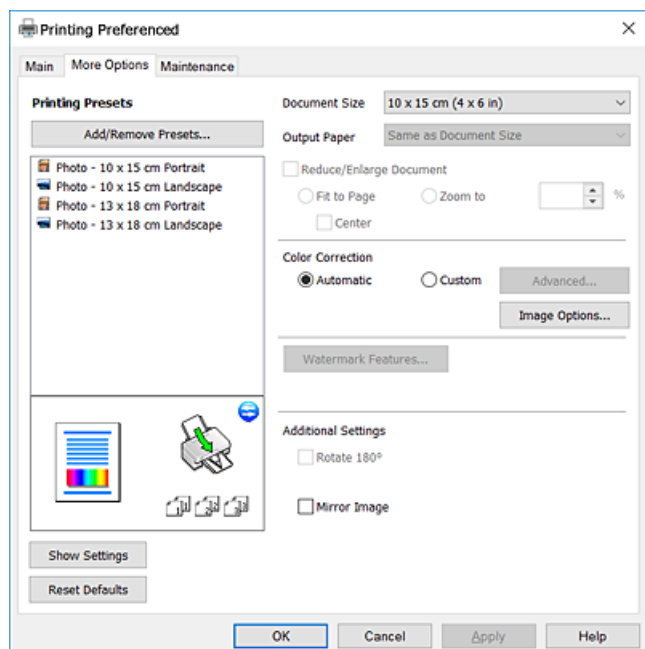
You can also make settings for printing both sides of the paper or printing multiple pages on one sheet.



Network Service and Software Information

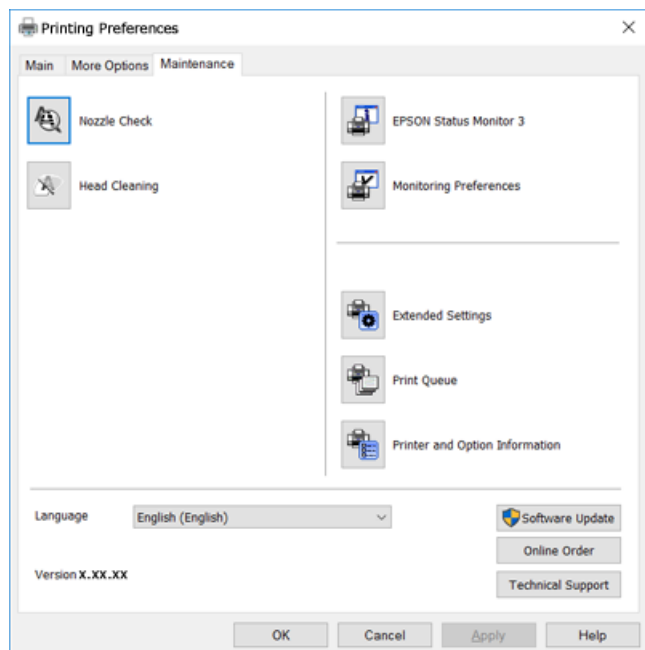
More Options Tab

You can select additional layout and printing options such as changing the size of a printout or making color corrections.



Maintenance Tab

You can run maintenance features such as nozzle check and print head cleaning, and by starting **EPSON Status Monitor 3**, you can check printer status and error information.



Making Operation Settings for the Windows Printer Driver

You can make settings such as enabling **EPSON Status Monitor 3**.

Network Service and Software Information

1. Access the printer driver window.
2. Click **Extended Settings** on the **Maintenance** tab.
3. Make the appropriate settings, and then click **OK**.
See the online help for explanations of the setting items.

Related Information

➔ [“Windows Printer Driver” on page 94](#)

Mac OS X Printer Driver

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Accessing the printer driver from applications

Click **Page Setup** or **Print** on the **File** menu of your application. If necessary, click **Show Details** (or ▼) to expand the print window.

Note:

*Depending on the application being used, **Page Setup** may not be displayed in the **File** menu, and the operations for displaying the print screen may differ. See the application's help for details.*

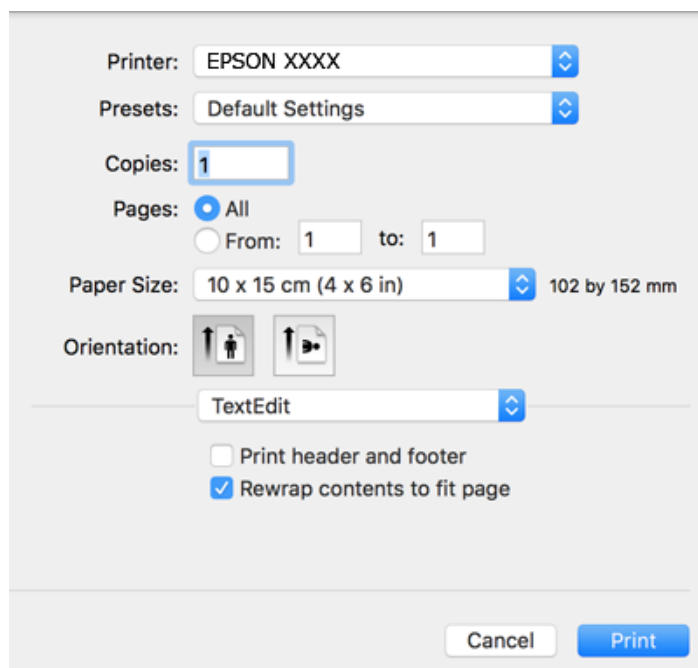
Starting the utility

Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.

Guide to Mac OS X Printer Driver

Print dialog

Switch the pop-up menu on the center of the screen to show more items.



Pop-up Menu	Descriptions
Print Settings	You can make the basic print settings such as paper type and print quality.
Layout	You can select a layout for printing several pages on one sheet or select to print a border.
Paper Handling	You can reduce or enlarge the size of the print job to automatically fit the paper size you loaded.
Color Matching	You can adjust the colors.
Color Options	When you select EPSON Color Controls from the Color Matching menu, you can select a color correction method.

Note:

On Mac OS X v10.8.x or later, if **Print Settings** menu is not displayed, Epson printer driver has not been installed correctly.

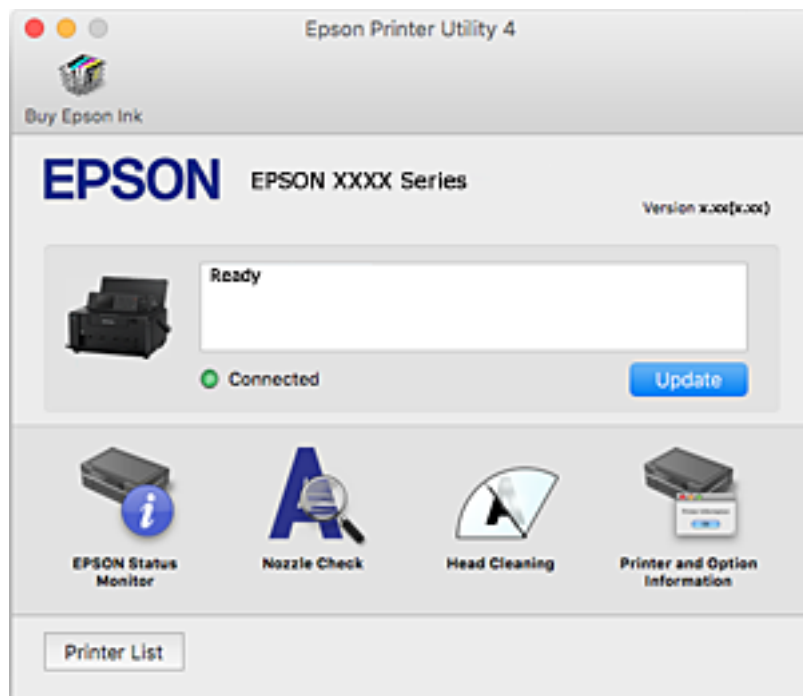
Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), remove the printer, and then add the printer again. See the following to add a printer.

<http://epson.sn>

Network Service and Software Information

Epson Printer Utility

You can run a maintenance feature such as nozzle check and print head cleaning, and by starting **EPSON Status Monitor**, you can check printer status and error information.



Making Operation Settings for the Mac OS X Printer Driver

Accessing the Operation Settings Window of the Mac OS X Printer Driver

Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**).

Operation Settings of the Mac OS X Printer Driver

- ☐ Skip Blank Page: Avoids printing blank pages.
- ☐ Warning Notifications: Allows the printer driver to display warning notifications.
- ☐ Establish bidirectional communication: Usually, this should be set to **On**. Select **Off** when acquiring the printer information is impossible because the printer is shared with Windows computers on a network or for any other reason.

Epson Easy Photo Print

Epson Easy Photo Print is an application that allows you to easily print photos with various layouts. You can preview the photo image and adjust the images or position. You can also print photos with a frame. See the application's help for details.

Network Service and Software Information

Note:

To use this application, the printer driver needs to be installed.

Starting on Windows

☐ Windows 10

Click the start button, and then select **Epson Software > Epson Easy Photo Print**.

☐ Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

☐ Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs** or **Programs > Epson Software > Epson Easy Photo Print**.

Starting on Mac OS X

Select **Go > Applications > Epson Software > Epson Easy Photo Print**.

Related Information

➔ [“Installing Applications” on page 102](#)

EPSON Software Updater

EPSON Software Updater is an application that checks for new or updated software on the internet and installs it. You can also update the printer's firmware and manual.

Starting on Windows

☐ Windows 10

Click the start button, and then select **Epson Software > EPSON Software Updater**.

☐ Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

☐ Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs** (or **Programs**) > **Epson Software > EPSON Software Updater**.

Note:

You can also start EPSON Software Updater by clicking the printer icon on the task bar on the desktop, and then selecting **Software Update**.

Starting on Mac OS X

Select **Go > Applications > Epson Software > EPSON Software Updater**.

Related Information

➔ [“Installing Applications” on page 102](#)

Uninstalling Applications

Log in to your computer as an administrator. Enter the administrator password if the computer prompts you.

Uninstalling Applications - Windows

1. Press the  button to turn off the printer.
 2. Quit all running applications.
 3. Open **Control Panel**:
 - ☐ Windows 10
Right-click the start button or press and hold it, and then select **Control Panel**.
 - ☐ Windows 8.1/Windows 8
Select **Desktop > Settings > Control Panel**.
 - ☐ Windows 7/Windows Vista/Windows XP
Click the start button and select **Control Panel**.
 4. Open **Uninstall a program** (or **Add or Remove Programs**):
 - ☐ Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista
Select **Uninstall a program** in **Programs**.
 - ☐ Windows XP
Click **Add or Remove Programs**.
 5. Select the application you want to uninstall.
 6. Uninstall the applications:
 - ☐ Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista
Click **Uninstall/Change** or **Uninstall**.
 - ☐ Windows XP
Click **Change/Remove** or **Remove**.
- Note:**
*If the **User Account Control** window is displayed, click **Continue**.*
7. Follow the on-screen instructions.

Uninstalling Applications - Mac OS X

1. Download the Uninstaller using EPSON Software Updater.
Once you have downloaded the Uninstaller, you do not need to download it again each time you uninstall the application.
2. Press the  button to turn off the printer.

Network Service and Software Information

3. To uninstall the printer driver, select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then remove the printer from the enabled printers list.
4. Quit all running applications.
5. Select **Go > Applications > Epson Software > Uninstaller**.
6. Select the application you want to uninstall, and then click **Uninstall**.

**Important:**

The Uninstaller removes all drivers for Epson inkjet printers on the computer. If you use multiple Epson inkjet printers and you only want to delete some drivers, delete all of them first, and then install the necessary printer driver again.

Note:

*If you cannot find the application you want to uninstall in the application list, you cannot uninstall using the Uninstaller. In this situation, select **Go > Applications > Epson Software**, select the application you want to uninstall, and then drag it to the trash icon.*

Related Information

➡ [“EPSON Software Updater” on page 100](#)

Installing Applications

Connect your computer to the network and install the latest version of applications from the website.

Note:

- ☐ Log on to your computer as an administrator. Enter the administrator password if the computer prompts you.
- ☐ When reinstalling an application, you need to uninstall it first.

1. Quit all running applications.
2. When installing the printer driver, disconnect the printer and the computer temporarily.

Note:

Do not connect the printer and the computer until you are instructed to do so.

3. Install the applications by following the instructions on the website below.

<http://epson.sn>

Note:

If you are using a Windows computer and you cannot download applications from the website, install them from the software disc that came with the printer.

Related Information

➡ [“Uninstalling Applications” on page 101](#)

Updating Applications and Firmware

You may be able to clear certain problems and improve or add functions by updating the applications and the firmware. Make sure you use the latest version of the applications and firmware.

1. Connect the AC adapter to the printer.
2. Make sure that the printer and the computer are connected, and the computer is connected to the internet.
3. Start EPSON Software Updater, and update the applications or the firmware.

**Important:**

Do not turn off the computer or the printer while updating.

Note:

If you cannot find the application you want to update in the list, you cannot update using the EPSON Software Updater. Check for the latest versions of the applications from your local Epson website.

<http://www.epson.com>

Related Information

➡ [“EPSON Software Updater” on page 100](#)

Solving Problems

Checking the Printer Status

Checking Messages on the LCD Screen

If an error message is displayed on the LCD screen, follow the on-screen instructions or the solutions below to solve the problem.

Error Messages	Solutions
Printer error. Turn power off and on again. For details, see your documentation.	If the error message still appears after turning the power off and on again, contact Epson support.
Ink low.	You can continue printing until you are prompted to replace the ink cartridge. However, prepare a new cartridge as soon as possible.
You need to replace the ink cartridge.	To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates it is time to replace the cartridge. Replace the cartridge when you are prompted to do so.
Paper Configuration is disabled. Some features may not be available. For details, see your documentation.	If Paper Configuration is disabled, you cannot use AirPrint. To use AirPrint, enable Paper Configuration .
Battery error. See documentation. Printer will be turned off automatically.	The battery may be damaged. Replace the battery, or contact Epson support to request maintenance.
There is a problem with the battery. Printer shutting down	The battery may be damaged. Replace the battery, or contact Epson support to request maintenance.
The printer's ink pad is nearing the end of its service life. Please contact Epson Support.	Contact Epson or an authorised Epson service provider to replace the ink pad*. It is not a user-serviceable part. The message will be displayed until the ink pad is replaced. Press the  button to resume printing.
The printer's ink pad is at the end of its service life. Please contact Epson Support.	Contact Epson or an authorised Epson service provider to replace the ink pad*. It is not a user-serviceable part.
Combination of IP address and subnet mask is invalid. See documentation.	Enter the correct IP address or default gateway. Contact the person who setup the network for assistance.
Update the root certificate to use cloud services.	Run Web Config, and then update the root certificate.
Recovery Mode	The printer has started in recovery mode because the firmware update failed. Follow the steps below to try to update the firmware again. 1. Connect the AC adapter to the printer, and then connect the computer and the printer with a USB cable. (During recovery mode, you cannot update the firmware over a network connection.) 2. Visit your local Epson website for further instructions.

Solving Problems

* In some print cycles a very small amount of surplus ink may be collected in the ink pad. To prevent ink leakage from the pad, the printer is designed to stop printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the printer performs. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

Related Information

- ➔ [“Contacting Epson Support” on page 136](#)
- ➔ [“Supported Memory Card Specifications” on page 128](#)
- ➔ [“Supported External Storage Device Specifications” on page 129](#)
- ➔ [“Installing Applications” on page 102](#)
- ➔ [“Web Config” on page 92](#)
- ➔ [“Updating Applications and Firmware” on page 103](#)

Checking the Printer Status - Windows

1. Access the printer driver window.
2. Click **EPSON Status Monitor 3** on the **Maintenance** tab.

Note:

- ☐ You can also check the printer status by double-clicking the printer icon on the taskbar. If the printer icon is not added to the taskbar, click **Monitoring Preferences** on the **Maintenance** tab, and then select **Register the shortcut icon to the taskbar**.
- ☐ If **EPSON Status Monitor 3** is disabled, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.

Related Information

- ➔ [“Windows Printer Driver” on page 94](#)

Checking the Printer Status - Mac OS X

1. Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.
2. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.
You can check the printer status, ink levels, and error status.
3. Click **EPSON Status Monitor**.

Removing Jammed Paper

Check the error displayed on the control panel and follow the instructions to remove the jammed paper including any torn pieces. Next, clear the error.

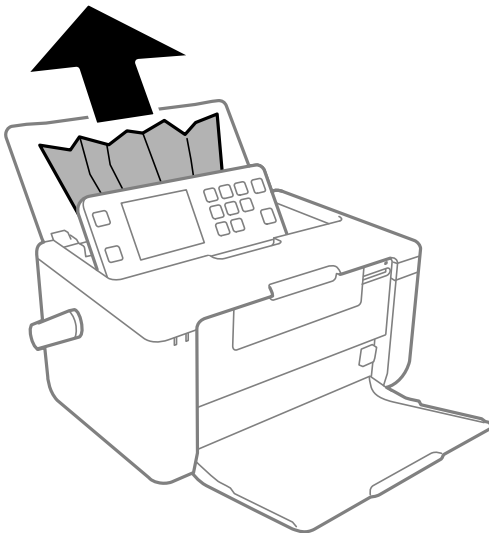
Solving Problems

**Important:**

Remove the jammed paper carefully. Removing the paper vigorously may cause damage to the printer.

Removing Jammed Paper from the Rear Paper Feed

Remove the jammed paper.

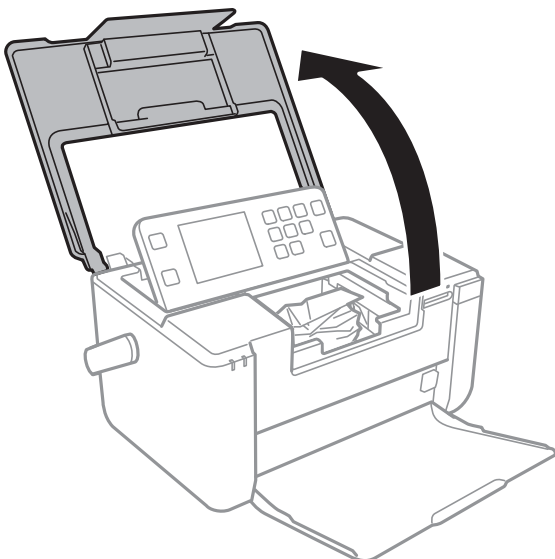


Removing Jammed Paper from Inside the Printer

**Caution:**

Never touch the buttons on the control panel while your hand is inside the printer. If the printer starts operating, it could cause an injury. Be careful not to touch the protruding parts to avoid injury.

1. Open the printer cover.



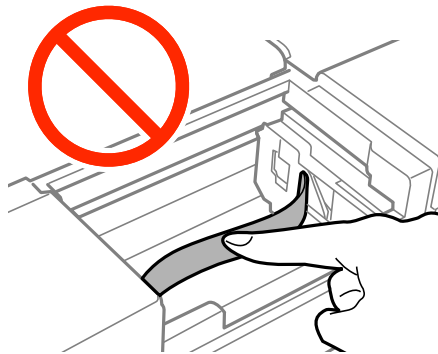
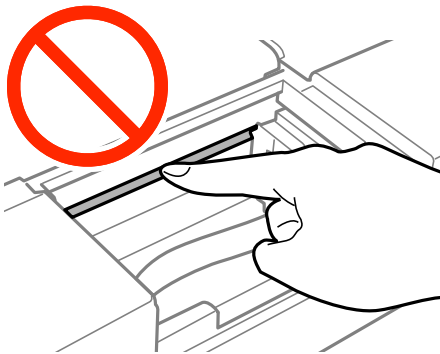
Solving Problems

2. Remove the jammed paper.



! Important:

Do not touch the white flat cable or translucent part inside the printer. Doing so may cause a malfunction.



3. Close the printer cover.

Removing Jammed Paper from the Output Tray

Remove the jammed paper.



Paper Does Not Feed Correctly

Check the following points, and then take the appropriate actions to solve the problem.

- ☐ Place the printer on a flat surface and operate in the recommended environmental conditions.
- ☐ Use paper supported by this printer.
- ☐ Follow the paper handling precautions.
- ☐ Use paper with a thickness within 0.05 to 0.6 mm. Even when the paper thickness is within this range, the paper may not feed correctly depending on the hardness or transparency of the paper.
- ☐ Make sure the paper size and paper type settings match the actual paper size and paper type loaded in the printer.

Related Information

- ➔ [“Environmental Specifications” on page 132](#)
- ➔ [“Paper Handling Precautions” on page 30](#)
- ➔ [“Available Paper and Capacities” on page 31](#)
- ➔ [“List of Paper Types” on page 32](#)

Paper Jams

- ☐ Load paper in the correct direction, and slide the edge guides against the edges of the paper.
- ☐ Load one sheet of paper at a time if you have loaded several sheets of paper.

Related Information

- ➔ [“Removing Jammed Paper” on page 105](#)
- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Paper Feeds at a Slant

Load paper in the correct direction, and slide the edge guides against the edges of the paper.

Related Information

➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

Several Sheets of Paper are Fed at a Time

- ☐ Load one sheet of paper at a time.
- ☐ Fan the paper before loading.
- ☐ When several sheets of paper are fed at a time during manual 2-sided printing, remove any paper which is loaded in the printer before you reload the paper.

No Paper Feeds

- ☐ Do not load more than the maximum number of sheets specified for the paper. For plain paper, do not load above the line indicated by the triangle symbol on the edge guide. If the paper still does not feed, load one sheet of paper at a time.
- ☐ If you have the cleaning sheet, use it to clean the roller inside the printer.

Related Information

➔ [“Available Paper and Capacities” on page 31](#)

➔ [“Cleaning the Paper Path” on page 83](#)

Power and Control Panel Problems

Power Does Not Turn On

- ☐ Make sure the power cord is securely plugged in.
- ☐ Hold down the  button for a little longer.
- ☐ When you cannot turn on the printer when running on battery power, the battery may be running low. Connect the AC adapter, or charge the battery for more than 30 minutes and then turn on the printer again.

Power Does Not Turn Off

Disconnect the AC adapter and the USB cable. Hold down the  button and the  button at the same time for more than seven seconds, and then release both the buttons. To prevent the print head from drying out, turn the printer back on and turn it off by pressing the  button.

LCD Screen Gets Dark

The printer is in sleep mode. Press any button on the control panel to return the LCD screen to its former state.

Power Turns Off Suddenly when the Printer Is Running on the Battery

- ☐ Check the **Power Off Timer** setting. If the **Power Off Timer** is enabled, the printer turns off when no operations have been performed. Turn on the printer again.
- ☐ Check the battery level. If the battery level is low, connect the AC adapter to the printer.

Related Information

➔ [“Saving Power” on page 85](#)

Cannot Print from a Computer

Checking the connection

- ☐ Connect the USB cable securely to the printer and the computer.
- ☐ If you are using a USB hub, try to connect the printer directly to the computer.
- ☐ If you cannot print over a network, see the page that describes the network connection method from the computer.
- ☐ Connection settings between the printer and the computer have not been completed. You can make settings automatically by using the installer. Access the following website, enter the printer's model number, and then go to **Setup**.
<http://epson.sn>

Checking the software and data

- ☐ If you are printing a large data size image, the computer may run out of memory. Print the image at a lower resolution or a smaller size.
- ☐ Install essential software. Run **Epson Software Updater** from **All Programs > Epson Software**. Check the software you want to install, and then click install.

Checking the printer status from the computer (Windows)

Click **Print Queue** on the printer driver's **Maintenance** tab, and then check the following.

- ☐ Check if there are any paused print jobs.
Cancel printing if necessary.
- ☐ Make sure the printer is not offline or pending.
If the printer is offline or pending, clear the offline or pending setting from the **Printer** menu.
- ☐ Make sure the printer is selected as the default printer from the **Printer** menu (there should be a check mark on the menu item).
If the printer is not selected as the default printer, set it as the default printer.

Solving Problems

- ❑ Make sure the printer port is selected correctly in **Property > Port** from the **Printer** menu as follows.
Select "**USBXXX**" for a USB connection, or "**EpsonNet Print Port**" for a network connection.

Checking the printer status from the computer (Mac OS X)

Make sure the printer status is not **Pause**.

Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then double-click the printer. If the printer is paused, click **Resume** (or **Resume Printer**).

Related Information

- ➔ [“Connecting to a Computer” on page 18](#)
- ➔ [“Installing Applications” on page 102](#)
- ➔ [“Canceling Printing” on page 65](#)

Cannot Make Network Connection Settings

- ❑ Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; access point, computer or smart device, and then printer. Move the printer and computer or smart device closer to the access point to help with radio wave communication, and then try to make network settings again.
- ❑ Select **Setup > Network Settings > Connection Check**, and then print the network connection report. If the report shows that the network connection failed, access the website from the QR code or URL on the network connection report, and then solve the problem.

Related Information

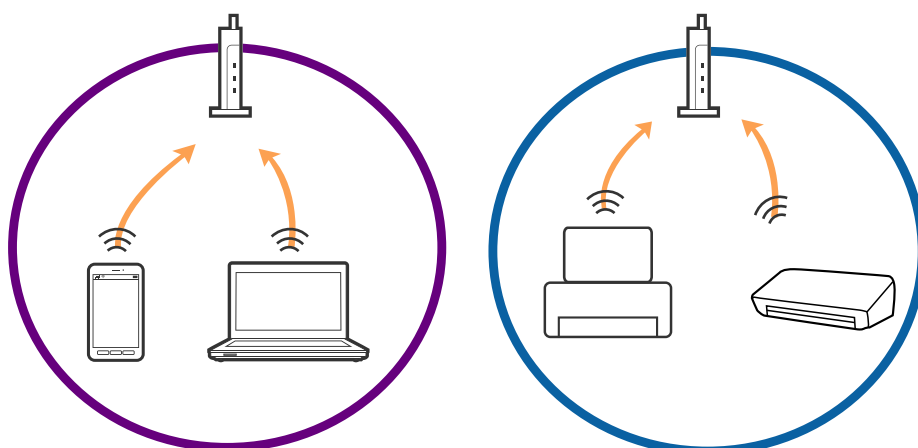
- ➔ [“Messages and Solutions on the Network Connection Report” on page 26](#)

Cannot Connect from Devices Even Though Network Settings are No Problems

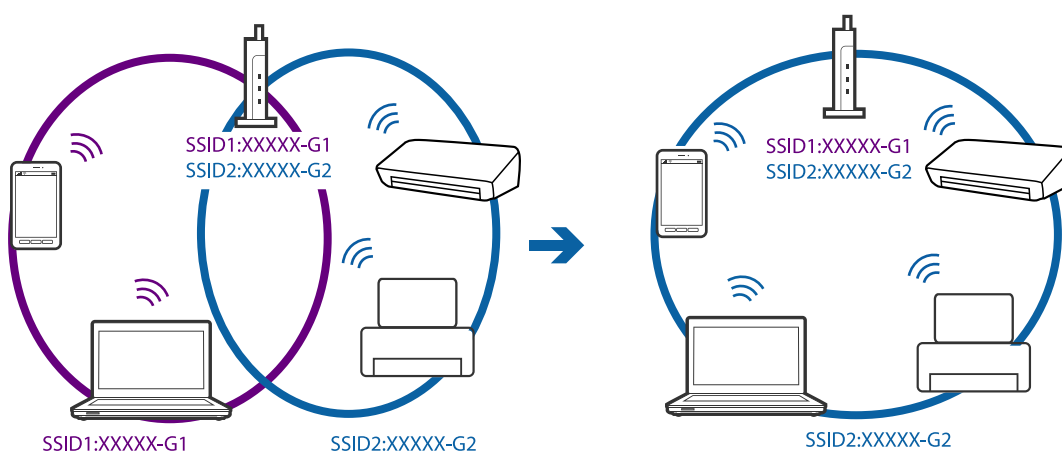
If you cannot connect from the computer or smart device to the printer even though the network connection report does not show any problems, see the following.

Solving Problems

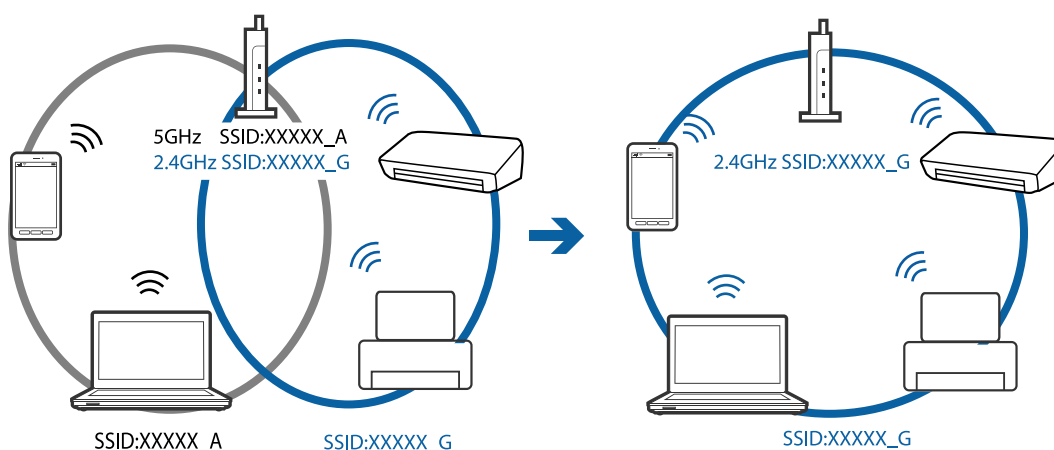
- ❑ When you are using multiple access points at the same time, you may not be able to use the printer from the computer or smart device depending on the settings of the access points. Connect the computer or smart device to the same access point as the printer.



- ❑ You may not be able to connect to the access point when the access point has multiple SSIDs and devices are connected to different SSIDs on the same access point. Connect the computer or smart device to the same SSID as the printer.

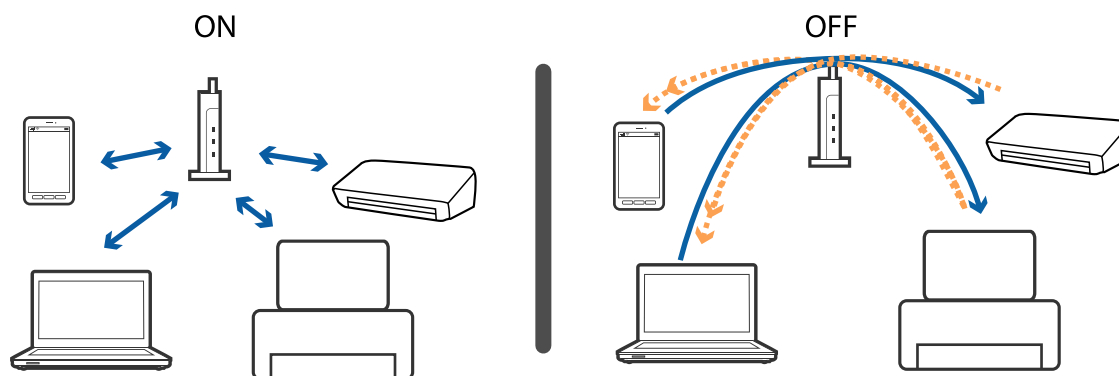


- ❑ An access point that is compliant with both IEEE802.11a and IEEE802.11g has SSIDs of 2.4 GHz and 5 GHz. If you connect the computer or smart device to a 5 GHz SSID, you cannot connect to the printer because the printer only supports communication over 2.4 GHz. Connect the computer or smart device to the same SSID as the printer.



Solving Problems

- ❑ Most access points have a privacy separator feature that blocks communication between connected devices. If you cannot communicate between the printer and the computer or smart device even if they are connected to the same network, disable the privacy separator on the access point. See the manual provided with the access point for details.



Related Information

- ➔ [“Checking the SSID Connected to the Printer” on page 113](#)
- ➔ [“Checking the SSID for the Computer” on page 114](#)

Checking the SSID Connected to the Printer

Select **Setup** > **Network Settings** > **Network Status**. SSIDs are displayed on each Wi-Fi network and Wi-Fi Direct network.

Checking the SSID for the Computer

Windows

Click  in the task tray on the desktop. Check the name of the connected SSID from the list displayed.



Mac OS X

Click the Wi-Fi icon at the top of the computer screen. A list of SSIDs is displayed and the connected SSID is indicated with a check mark.



Suddenly the Printer Cannot Print over a Network Connection

- ❑ When you have changed your access point or provider, try making network settings for the printer again. Connect the computer or smart device to the same SSID as the printer.
- ❑ Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; access point, computer or smart device, and then printer. Move the printer and computer or smart device closer to the access point to help with radio wave communication, and then try to make network settings again.
- ❑ In Windows, click **Print Queue** on the printer driver's **Maintenance** tab, and then check the following.
 - ❑ Check if there are any paused print jobs. Cancel printing if necessary.
 - ❑ Make sure the printer is not offline or pending. If the printer is offline or pending, clear the offline or pending setting from the **Printer** menu.
 - ❑ Make sure the printer is selected as the default printer from the **Printer** menu (there should be a check mark on the menu item).
If the printer is not selected as the default printer, set it as the default printer.
 - ❑ Check if the selected port is correct in **Printer Properties > Port**
- ❑ Select **Setup > Network Settings > Connection Check**, and then print the network connection report. If the report shows that the network connection failed, access the website from the QR code or URL on the network connection report, and then solve the problem.
- ❑ Try accessing any website from your computer to make sure that your computer's network settings are correct. If you cannot access any websites, there is a problem on the computer. See the manual provided with your computer for more details.

Related Information

- ➔ [“Checking the SSID Connected to the Printer” on page 113](#)
- ➔ [“Checking the SSID for the Computer” on page 114](#)
- ➔ [“Cannot Connect from Devices Even Though Network Settings are No Problems” on page 111](#)

Suddenly the Printer Cannot Print Using a USB Connection

- ❑ Disconnect the USB cable from the computer. Right-click on the printer icon displayed on the computer, and then select **Remove Device**. Next, connect the USB cable to the computer and try a test print. If printing is possible, the setup is complete.
- ❑ Re-set the USB connection following the steps in [Changing a Connection Method to a Computer] in this manual.

Cannot Print from an iPhone or iPad

- ❑ Connect the iPhone or iPad to the same network (SSID) as the printer.

Solving Problems

- ☐ Enable **Paper Configuration** in the following menus.

Setup > Printer Setup > Paper Source Setting > Paper Configuration

- ☐ Enable the AirPrint setting on Web Config.

Related Information

- ➔ [“Connecting to a Smart Device” on page 20](#)
- ➔ [“Web Config” on page 92](#)

Printout Problems

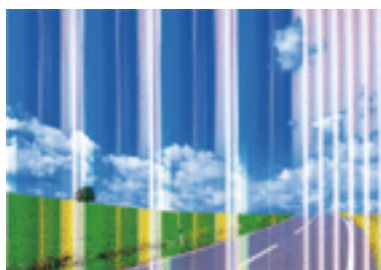
Printout is Scuffed or Color is Missing

If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged. Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 81](#)

Banding or Unexpected Colors Appear



The print head nozzles may be clogged. Perform a nozzle check to check if the print head nozzles are clogged. Clean the print head if any of the print head nozzles are clogged.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 81](#)

Blurry Prints, Vertical Banding, or Misalignment



enthalten alle
Aufdruck. W
5008 "Regel

Align the print head.

Related Information

➔ [“Aligning the Print Head” on page 83](#)

Print Quality is Poor

Check the following if the print quality is poor due to blurry prints, banding, missing colors, faded colors, and misalignment in the prints.

Checking the printer

- ☐ Perform a nozzle check, and then clean the print head if any of the print head nozzles are clogged.
- ☐ Align the print head.
- ☐ Do not open the printer cover during printing.

Checking the paper

- ☐ Use paper supported by this printer.
- ☐ Do not print on paper that is damp, damaged, or too old.
- ☐ If the paper is curled or the envelope is puffed up, flatten it.
- ☐ Do not stack the paper immediately after printing.
- ☐ Dry the printouts completely before filing or displaying them. When drying the printouts, avoid direct sun light, do not use a dryer, and do not touch the printed side of paper.
- ☐ When printing images or photos, Epson recommends using genuine Epson paper rather than plain paper. Print on the printable side of the genuine Epson paper.

Checking the print settings

- ☐ Select the appropriate paper type setting for the type of paper loaded in the printer.
- ☐ Print using a higher quality setting.

Checking the ink cartridge

- ☐ Epson recommends using the ink cartridge before the date printed on the package.
- ☐ For best results, use up ink cartridge within six months of opening the package.

Solving Problems

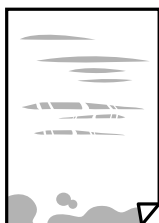
- ❑ Try to use genuine Epson ink cartridges. This product is designed to adjust colors based on the use of genuine Epson ink cartridges. The use of non-genuine ink cartridges may cause print quality to decline.

Related Information

- ➔ [“Available Paper and Capacities” on page 31](#)
- ➔ [“List of Paper Types” on page 32](#)
- ➔ [“Paper Handling Precautions” on page 30](#)
- ➔ [“Checking and Cleaning the Print Head” on page 81](#)
- ➔ [“Aligning the Print Head - Control Panel” on page 83](#)

Paper Is Smeared or Scuffed

- ❑ When horizontal banding appears or the top or bottom of the paper is smeared, load paper in the correct direction and slide the edge guides to the edges of the paper.



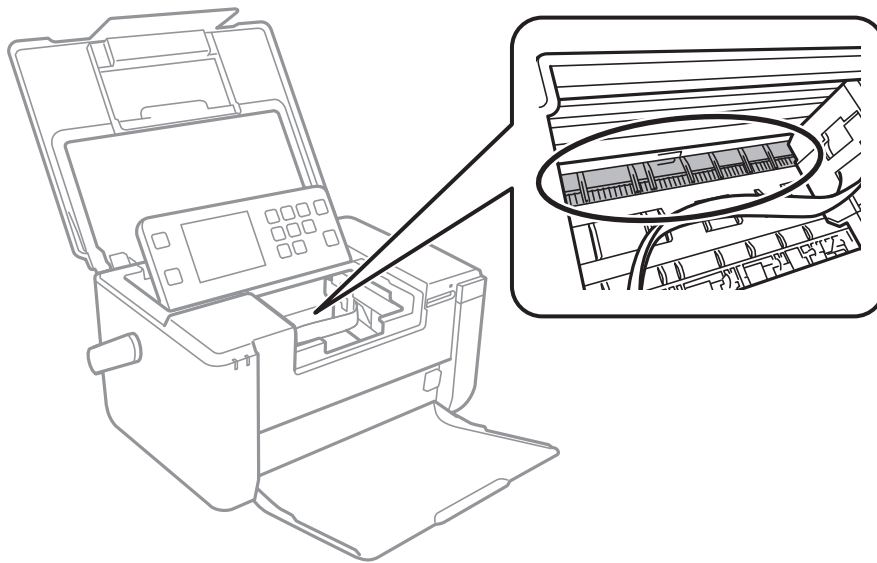
- ❑ When vertical banding appears or the paper is smeared, clean the paper path.



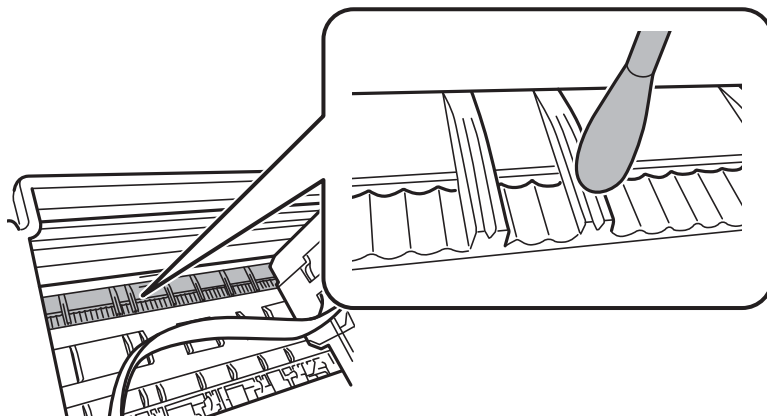
- ❑ Place the paper on a flat surface to check if it is curled. If it is, flatten it.
- ❑ Make sure that you print on the printable side of the paper.
- ❑ Use paper with a thickness within 0.05 to 0.6 mm. Even when the paper thickness is within this range, the paper may be smeared or scuffed depending on the hardness of the paper.
- ❑ When performing manual 2-sided printing, make sure that the ink is completely dry before reloading the paper.

Solving Problems

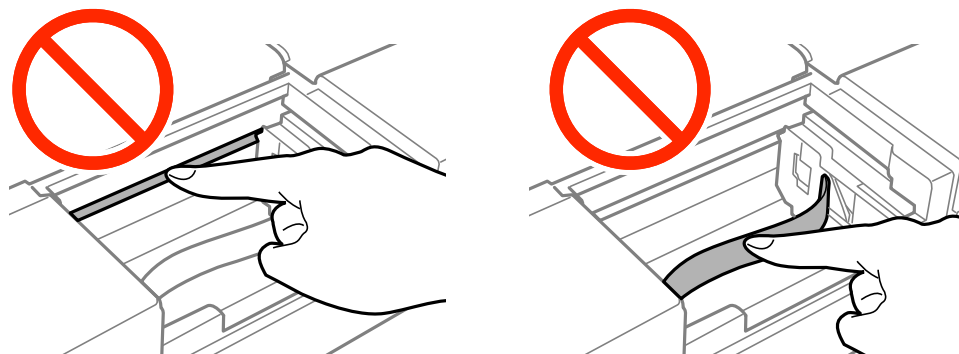
- ❑ When vertical banding appears on the back of the paper, the sections shown in the illustration may be smeared with ink.



Wipe the following part using a clean, soft stick such as a cotton swab.



Do not touch the white flat cable or translucent part inside the printer. Doing so may cause a malfunction.



Related Information

- ➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)
- ➔ [“Cleaning the Paper Path” on page 83](#)

Printed Photos are Sticky

You may be printing on the wrong side of the photo paper. Make sure you are printing on the printable side.

When printing on the wrong side of the photo paper, you need to clean the paper path.

Related Information

➔ [“Cleaning the Paper Path” on page 83](#)

Images or Photos are Printed in Unexpected Colors

When printing from the control panel or from the Windows printer driver, the Epson auto photo adjustment setting is applied by default depending on the paper type. Try change the setting.

☐ Control panel

Change the **Scene Detection** setting from **Automatic** to any other option. If changing the setting does not work, select any other option other than **Photo Enhance** as the **Enhance** setting.

☐ Windows printer driver

On the **More Options** tab, select **Custom** in **Color Correction**, and then click **Advanced**. Change the **Scene Correction** setting from **Auto Correct** to any other option. If changing the setting does not work, use any color correction method other than **PhotoEnhance** in **Color Management**.

Related Information

➔ [“Menu Options for Photo Adjustment” on page 43](#)

➔ [“Adjusting the Print Color” on page 58](#)

Colors Differ from What You See on the Display

- ☐ Display devices such as computer screens have their own display properties. If the display is unbalanced, the image are not displayed with proper brightness and colors. Adjust the properties of the device.
- ☐ Light shining into the display has an effect on how the image is seen on the display. Avoid direct sunlight and confirm the image where an appropriate illuminance is assured.
- ☐ Colors may differ from what you see on smart devices such as smart phones or tablets with high-resolution displays.
- ☐ Colors on a display are not quite identical to those on paper because the display device and the printer have a different process of producing colors.

Cannot Print Without Margins

Make borderless setting in the print settings. If you select a paper type that does not support borderless printing, you cannot select **Borderless**. Select a paper type that supports borderless printing.

Related Information

➔ [“Menu Options for Paper and Print Settings” on page 42](#)

➔ [“Printing Basics - Windows” on page 44](#)

➔ [“Printing Basics - Mac OS X” on page 45](#)

Edges of the Image are Cropped During Borderless Printing

During borderless printing, the image is slightly enlarged and the protruding area is cropped. Select a smaller enlargement setting.

☐ Control panel

Change the **Expansion** setting.

☐ Windows

Click **Settings** next to the **Borderless** checkbox on the printer driver's **Main** tab, and then change the settings.

☐ Mac OS X

Change the **Expansion** setting from the print dialog's **Print Settings** menu.

Related Information

➔ [“Menu Options for Paper and Print Settings” on page 42](#)

The Position, Size, or Margins of the Printout are Incorrect

- ☐ If there are partially printed characters on the paper, the paper width may not be recognized correctly and printouts may not be correct.
- ☐ Load paper in the correct direction, and slide the edge guides against the edges of the paper.
- ☐ Select the appropriate paper size setting.
- ☐ Due to the printer's mechanism, printouts have a margin of 10 mm around the edges when you print on A5 sized paper.
- ☐ Adjust the margin setting in the application so that it falls within the printable area.

Related Information

➔ [“Loading Paper in the Rear Paper Feed” on page 32](#)

➔ [“Printable Area” on page 125](#)

Printed Characters Are Incorrect or Garbled

- ☐ Connect the USB cable securely to the printer and the computer.
- ☐ Cancel any paused print jobs.
- ☐ Do not put the computer manually into the **Hibernate** mode or the **Sleep** mode while printing. Pages of garbled text may be printed next time you start the computer.

Related Information

➔ [“Canceling Printing” on page 65](#)

The Printed Image Is Inverted

Clear any mirror image settings in the printer driver or the application.

☐ Windows

Clear **Mirror Image** on the printer driver's **More Options** tab.

☐ Mac OS X

Clear **Mirror Image** from the print dialog's **Print Settings** menu.

Mosaic-Like Patterns in the Prints

When printing images or photos, print using high-resolution data. Images on websites are often low resolution although they look good enough on the display, and so print quality may decline.

The Printout Problem Could Not be Cleared

If you have tried all of the solutions and have not solved the problem, try uninstalling and then reinstalling the printer driver.

Related Information

➔ [“Uninstalling Applications” on page 101](#)

➔ [“Installing Applications” on page 102](#)

Other Printing Problems

Printing Is Too Slow

☐ Close any unnecessary applications.

☐ Lower the quality setting. High quality printing slows down the printing speed.

Related Information

➔ [“Menu Options for Paper and Print Settings” on page 42](#)

Printing Slows Down Dramatically During Continuous Printing

Printing slows down to prevent the printer mechanism from overheating and being damaged. However, you can continue printing. To return to normal printing speed, leave the printer idle for at least 60 minutes. Printing speed does not return to normal if the power is off.

Solving Problems

Cannot Print Microsoft Word Files (.doc) Correctly

If you want to print A4 size Microsoft Word documents (.doc) at A5 size, access the printer driver from the control panel, and then set to reduce automatically to A5 size.

1. Access the printer driver window from the control panel.

- ☐ Windows 10

Right-click the start button or press and hold it, and then select **Control Panel > View devices and printers** in **Hardware and Sound**. Right-click on your printer, or press and hold it, and then select **Printing preferences**.

- ☐ Windows 8.1/Windows 8

Select **Desktop > Settings > Control Panel > View devices and printers** in **Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

- ☐ Windows 7

Click the start button, and select **Control Panel > View devices and printers** in **Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

- ☐ Windows Vista

Click the start button, and select **Control Panel > Printers** in **Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

- ☐ Windows XP

Click the start button, and select **Control Panel > Printers and Other Hardware > Printers and Faxes**. Right-click on your printer and select **Printing preferences**.

2. Select A4 size as the **Document Size** setting.
3. Select A5 size as the **Output Paper Size** on the screen displayed, and then click **OK**.
4. Click **OK** to close the window.
5. Open the file you want to print.

The following steps are the same as for basic printing. Make the print settings in the printer driver before printing. Do not clear the **Reduce/Enlarge Document** setting on the **More Options** tab.

Related Information

➔ [“Printing Basics - Windows” on page 44](#)

Cannot Cancel Printing from a Computer Running Mac OS X v10.6.8

If you want to stop printing from your computer, make the following settings.

Run Web Config, and then select **Port9100** as the **Top Priority Protocol** setting in **AirPrint Setup**. Select **System Preferences** from the  menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), remove the printer, and then add the printer again.

Related Information

➔ [“Web Config” on page 92](#)

Other Problems

Slight Electric Shock when Touching the Printer

If many peripherals are connected to the computer, you may feel a slight electric shock when touching the printer. Install a ground wire to the computer that is connected to the printer.

Cannot Save the Data to a Memory Card

- ☐ Use a memory card which is supported by the printer.
- ☐ Check that the memory card is not write protected.
- ☐ Check that the memory card has enough available memory. If the available memory is low, data cannot be saved.

Related Information

➔ [“Supported Memory Card Specifications” on page 128](#)

Application Is Blocked by a Firewall (for Windows Only)

Add the application to the Windows Firewall allowed program in security settings on the **Control Panel**.

"?" Is Displayed on the Photo Selection Screen

"?" is displayed on the LCD screen when the image file is not supported by the product.

Related Information

➔ [“Supported Data Specifications” on page 130](#)

Appendix

Technical Specifications

Printer Specifications

Print Head Nozzle Placement		Black ink nozzles: 180 Color ink nozzles: 180 for each color
Weight of Paper*	Plain Paper	64 to 90 g/m ² (17 to 24 lb)
	Envelopes	Envelope #10, DL, C6: 75 to 90 g/m ² (20 to 24 lb)

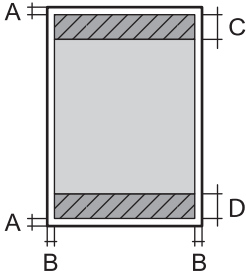
* Even when the paper thickness is within this range, the paper may not feed in the printer or the print quality may decline depending on the paper properties or quality.

Printable Area

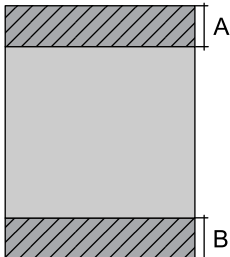
Printable Area for Single Sheets

Print quality may decline in the shaded areas due to the printer's mechanism.

Normal printing

	A	3.0 mm (0.12 in.)
	B	Smaller than A5: 3.0 mm (0.12 in.) A5: 10.0 mm (0.39 in.)
	C	37.0 mm (1.46 in.)
	D	39.0 mm (1.54 in.)

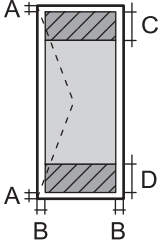
Borderless printing

	A	40.0 mm (1.57 in.)
	B	42.0 mm (1.65 in.)

Appendix

Printable Area for Envelopes

Print quality may decline in the shaded areas due to the printer's mechanism.

	A	3.0 mm (0.12 in.)
	B	5.0 mm (0.20 in.)
	C	18.0 mm (0.71 in.)
	D	37.0 mm (1.46 in.)

Interface Specifications

For Computer	Hi-Speed USB
For External USB Devices and PictBridge	Hi-Speed USB

Network Function List

Functions			Supported	Remarks
Network Interfaces	Ethernet		-	-
	Wi-Fi	Infrastructure	✓	-
		Ad hoc	-	-
		Wi-Fi Direct (Simple AP)	✓	-
Concurrent Connection	Ethernet and Wi-Fi Direct (Simple AP)		-	-
	Wi-Fi (Infrastructure) and Wi-Fi Direct (Simple AP)		✓	-

Appendix

Functions			Supported	Remarks
Panel Operation	Wi-Fi Setup	Wi-Fi Setup Wizard	✓	-
		Push Button Setup (WPS)	✓	-
		PIN Code Setup	✓	-
		Wi-Fi Auto Connect	✓	-
		Epson iPrint Connection	-	-
		Wi-Fi Direct Setup	✓	-
	General Network Setup (device name, TCP/IP address, DNS server, proxy server)		✓	-
	Network Connection Check		✓	-
	Network Status		✓	-
	Disable Wi-Fi		✓	-
	Restore the Factory Default Settings		✓	-
	File Sharing Setup		✓	-
Network Printing	EpsonNet Print (Windows)	IPv4	✓	-
	Standard TCP/IP (Windows)	IPv4, IPv6	✓	-
	WSD Printing (Windows)	IPv4, IPv6	✓	Windows Vista or later
	Bonjour Printing (Mac OS X)	IPv4, IPv6	✓	-
	IPP Printing (Windows, Mac OS X)	IPv4, IPv6	✓	-
	UPnP Printing	IPv4	-	Information appliance
	PictBridge Printing (Wi-Fi)	IPv4	✓	Digital camera
	Epson Connect (Email Print)	IPv4	✓	-
	AirPrint (iOS, Mac OS X)	IPv4, IPv6	✓	iOS 5 or later, Mac OS X v10.7 or later
	Google Cloud Print	IPv4, IPv6	✓	-
Network Scanning	Epson Scan 2	IPv4, IPv6	-	-
	Event Manager	IPv4	-	-
	Epson Connect (Scan to Cloud)	IPv4	-	-
	AirPrint (Scan)	IPv4, IPv6	-	Mac OS X v10.9 or later
	ADF (2-sided scanning)		-	-

Appendix

Functions			Supported	Remarks
Fax	Send a fax	IPv4	-	-
	Receive a fax	IPv4	-	-
	AirPrint (Faxout)	IPv4, IPv6	-	Mac OS X v10.8 or later

Wi-Fi Specifications

Standards	IEEE802.11b/g/n ^{*1*2}
Frequency Range	2.4 GHz
Maximum Radio-Frequency Power Transmitted	19.8 dBm (EIRP)
Coordination Modes	Infrastructure, Wi-Fi Direct (Simple AP) ^{*3}
Wireless Securities	WEP (64/128bit), WPA2-PSK (AES) ^{*4}

*1 Complies with either IEEE 802.11b/g/n or IEEE 802.11b/g depending on location of purchase.

*2 IEEE802.11n is only available for the HT20.

*3 Not supported for IEEE 802.11b.

*4 Complies with WPA2 standards with support for WPA/WPA2 Personal.

Security Protocol

SSL/TLS	HTTPS Server/Client, IPPS
---------	---------------------------

Supported Third Party Services

AirPrint	Print	iOS 5 or later/Mac OS X v10.7.x or later
Google Cloud Print		

External Storage Device Specifications

Supported Memory Card Specifications

Compatible Memory Cards	Maximum Capacities
miniSD [*]	2 GB
miniSDHC [*]	32 GB

Appendix

Compatible Memory Cards	Maximum Capacities
microSD*	2 GB
microSDHC*	32 GB
microSDXC*	64 GB
SD	2 GB
SDHC	32 GB
SDXC	64 GB

* Attach an adapter to fit the memory card slot. Otherwise, the card may get stuck.

Supported memory card voltages

3.3 V type, dual voltage (3.3 V and 5V) type (supply voltage: 3.3 V)

5 V memory cards are not supported.

Maximum supply current: 200 mA

Supported External Storage Device Specifications

Compatible External Storage Devices	Maximum Capacities
CD-R Drive* ¹ DVD-R Drive* ¹ Blu-ray Drive* ¹	CD-ROM* ² /CD-R: 700 MB DVD-ROM* ² /DVD-R: 4.7 GB (CD-RW, DVD+R, DVD±RW, DVD-RAM, and Blu-ray Disc™ are not supported.)
MO Drive* ¹	1.3 GB
HDD* ¹ USB Flash Drive	2 TB (formatted in FAT, FAT32, or exFAT)

*¹ We do not recommend using external USB devices that are powered by USB. Use only external USB devices with independent AC power sources.

*² Read only.

You cannot use the following devices:

- ☐ A device that requires a dedicated driver
- ☐ A device with security settings (password, encryption, and so on)
- ☐ A device with a built-in USB hub

Epson cannot guarantee operations for all externally connected devices.

Appendix

Supported Data Specifications

File Format	JPEG with the Exif Version 2.3 standard taken by digital cameras DCF* ¹ version 1.0 or 2.0* ² compliant
Image Size	Horizontal: 80 to 10200 pixels Vertical: 80 to 10200 pixels
File Size	Less than 2 GB
Maximum Number of Files	9990* ³

*1 Design rule for Camera File system.

*2 Photo data stored in the built-in memory of a digital camera is not supported.

*3 Up to 999 files can be displayed at a time. (If the number of files exceeds 999, the files are displayed in groups.)

Note:

"?" is displayed on the LCD screen when the printer cannot recognize the image file. In this situation, if you select a multiple image layout, blank sections will be printed.

Dimensions

Dimensions	Storage ❑ Width: 265 mm (10.4 in.) ❑ Depth: 196 mm (7.7 in.) ❑ Height: 137 mm (5.4in.) Printing ❑ Width: 265 mm (10.4 in.) ❑ Depth: 345 mm (13.6 in.) ❑ Height: 210 mm (8.3in.)
Weight*	Approx. 2.3 kg (5.1 lb)

* Without the ink cartridge and the AC adapter.

Electrical Specifications

AC Adapter

Model		A461H	A462E
Input	Rated Input Power Supply Voltage	AC 100V to 240 V	AC 220V to 240 V
	Rated Input Current	1 A	1 A
	Rated Frequency Range	50 to 60Hz	50 to 60Hz

Appendix

Output	Rated Output Power Supply Voltage	DC 24 V	DC 24 V
	Rated Output Current	1 A	1 A

Printer Electrical Specifications (Using the AC Adapter)

Rated DC Input	Rated DC Input Power Supply Voltage	DC 24 V
	Rated DC Input Current (Printing)	0.7 A
	Rated DC Input Current (Charging Battery)	1.0 A
Power Consumption	Not Charging Battery	Printing: Approx. 12 W Ready mode: Approx. 5.0 W Sleep mode: Approx. 1.0 W Power off: Approx. 0.2 W
	Charging Battery	Printing: Approx. 12 W Ready mode: Approx. 24 W Sleep mode: Approx. 22 W Power off: Approx. 22 W

Note:

Check the label on the printer for its voltage.

Optional Battery Specifications

Model	D191A
Type	Li-ion
Rated Power Supply Voltage	14.8 V
Capacity of Current	1730 mAh
Continuous Print Time	Approx. 2 hours ^{*1}
Continuous Number of Prints	Approx. 170 sheets ^{*2}
Charging Time	Approx. 5.0 hours ^{*3}

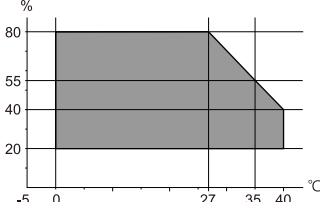
^{*1} When printing at 4×6 size with a fully-charged battery in an environment of 25°C±5°C.

^{*2} When printing at 4×6 size with a fully-charged battery in an environment of 25°C±5°C. The value varies depending on the memory card, data size, and other conditions.

^{*3} When charging the battery with the power off in an environment of 25°C±5°C. If you operate the printer while charging the battery, charging takes longer.

Appendix

Environmental Specifications

Operation	Use the printer within the range shown in the following graph.  Temperature: 0 to 40°C (32 to 104°F) Humidity: 20 to 80% RH (without condensation)
Storage	Temperature: -20 to 40°C (-4 to 104°F)* Humidity: 5 to 85% RH (without condensation)

* You can store for one month at 40°C (104°F).

Environmental Specifications for Ink Cartridges

Storage Temperature	-30 to 40 °C (-22 to 104 °F)*
Freezing Temperature	-16 °C (3.2 °F) Ink thaws and is usable after approximately 3 hours at 25 °C (77 °F).

* You can store for one month at 40 °C (104 °F).

System Requirements

- ☐ Windows 10 (32-bit, 64-bit)/Windows 8.1 (32-bit, 64-bit)/Windows 8 (32-bit, 64-bit)/Windows 7 (32-bit, 64-bit)/Windows Vista (32-bit, 64-bit)/Windows XP SP3 or later (32-bit)/Windows XP Professional x64 Edition SP2 or later
- ☐ Mac OS X v10.11.x/Mac OS X v10.10.x/Mac OS X v10.9.x/Mac OS X v10.8.x/Mac OS X v10.7.x/Mac OS X v10.6.8

Note:

- ☐ Mac OS X may not support some applications and features.
- ☐ The UNIX File System (UFS) for Mac OS X is not supported.

Regulatory Information

Restrictions on Copying

Observe the following restrictions to ensure the responsible and legal use of the printer.

Appendix

Copying of the following items is prohibited by law:

- ☐ Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- ☐ Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage
- ☐ Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- ☐ Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- ☐ Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

Note:

Copying these items may also be prohibited by law.

Responsible use of copyrighted materials:

Printers can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.

Transporting the Printer

When you need to transport the printer to move or for repairs, follow the steps below to pack the printer.



Important:

- ☐ Strong impacts may damage the printer.
- ☐ Do not leave the printer in direct sunlight, near heaters, inside cars or other locations that are subject to high temperatures. The printer may be deformed or ink may leak.
- ☐ Leave the ink cartridge installed. Removing the cartridge can dry out the print head and may prevent the printer from printing.

1. Turn off the printer by pressing the  button.
2. Make sure the power light turns off, and then unplug the power cord.



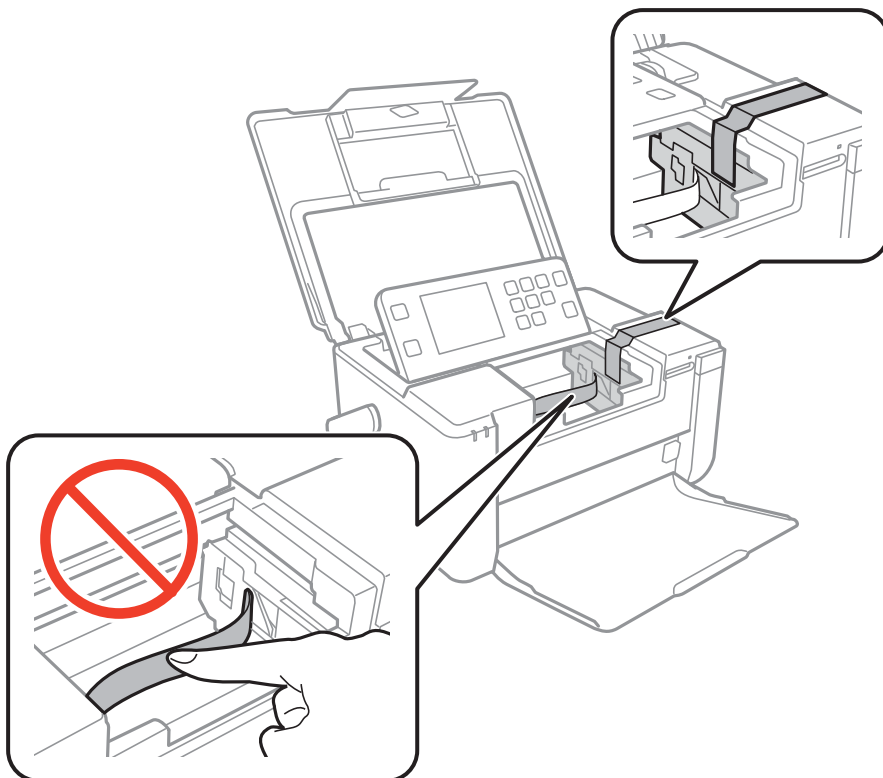
Important:

Unplug the power cord when the power light is off. Otherwise, the print head does not return to the home position causing the ink to dry, and printing may become impossible.

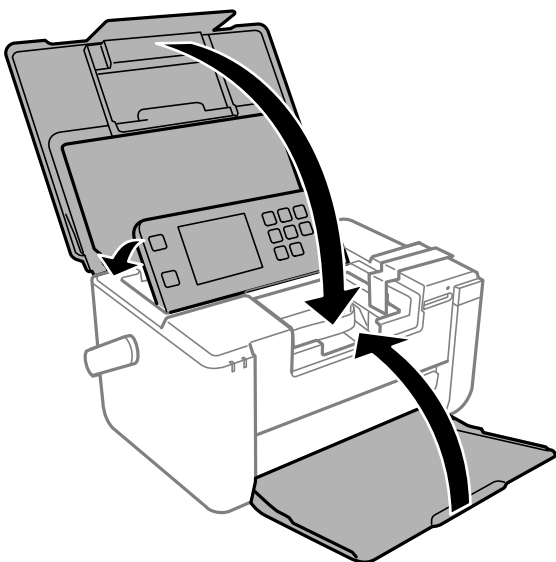
3. Make sure there is no memory card inserted.
4. Disconnect all cables such as the power cord and USB cable.
When using the optional battery, remove it.
5. Remove all of the paper from the printer.

Appendix

6. Open the printer cover. Secure the ink cartridge holder to the case with tape.



7. Prepare to pack the printer as shown below.



8. Pack the printer in its box, using the protective materials.

When you use the printer again, make sure you remove the tape securing the ink cartridge holder. If print quality has declined the next time you print, clean and align the print head.

Related Information

➡ [“Part Names and Functions” on page 11](#)

- ➔ “Checking and Cleaning the Print Head” on page 81
- ➔ “Aligning the Print Head” on page 83

Accessing a Memory Card From a Computer

You can write or read data on an external storage device such as a memory card that has been inserted in the printer from a computer.

**Important:**

- ☐ Insert a memory card after removing write protection.
- ☐ If an image is saved to the memory card from a computer, the image and the number of photos are not refreshed on the LCD screen. Remove and insert the memory card again.
- ☐ When sharing an external device inserted in the printer between computers connected over USB and over a network, write access is only allowed to the computers that are connected by the method you selected on the printer. To write to the external storage device, enter **Setup** on the control panel and select **File Sharing Setup** and a connection method.

Note:

It takes a while to recognize data from a computer if a large external storage device, such as 2TB HDD, is connected.

Windows

Select an external storage device in **Computer** or **My Computer**. The data on the external storage device is displayed.

Note:

If you connected the printer to the network without the software disc or Web Installer, map a memory card slot or USB port as a network drive. Open **Run** and enter a printer name \\XXXXX or a printer's IP address \\XXX.XXX.XXX.XXX to **Open**. Right-click a device icon displayed to assign the network. The network drive appears in **Computer** or **My Computer**.

Mac OS X

Select a corresponding device icon. The data on the external storage device is displayed.

Note:

- ☐ To remove an external storage device, drag and drop the device icon to the trash icon. Otherwise, data in the shared drive may not be displayed correctly when another external storage device is inserted.
- ☐ To access an external storage device through the network, select **Go > Connect to Server** from the menu on the desktop. Enter a printer name `cifs://XXXXX` or `smb://XXXXX` (Where "XXXXX" is the printer name) in the **Server Address**, and then click **Connect**.

Related Information

- ➔ “External Storage Device Specifications” on page 128
- ➔ “Inserting a Memory Card” on page 36

Where to Get Help

Technical Support Web Site

If you need further help, visit the Epson support website shown below. Select your country or region and go to the support section of your local Epson website. The latest drivers, FAQs, manuals, or other downloadables are also available from the site.

<http://support.epson.net/>

<http://www.epson.eu/Support> (Europe)

If your Epson product is not operating properly and you cannot solve the problem, contact Epson support services for assistance.

Contacting Epson Support

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product manuals, contact Epson support services for assistance. If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

- ☐ Product serial number
(The serial number label is usually on the back of the product.)
- ☐ Product model
- ☐ Product software version
(Click **About**, **Version Info**, or a similar button in the product software.)
- ☐ Brand and model of your computer
- ☐ Your computer operating system name and version
- ☐ Names and versions of the software applications you normally use with your product

Note:

Depending on the product, network settings may be stored in the product's memory. Due to breakdown or repair of a product, settings may be lost. Epson shall not be responsible for the loss of any data, for backing up or recovering settings even during a warranty period. We recommend that you make your own backup data or take notes.

Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

World Wide Web

<http://www.epson.com.sg>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

Appendix

Epson HelpDesk

Toll Free: 800-120-5564

Our HelpDesk team can help you with the following over the phone:

- ☐ Sales enquiries and product information
- ☐ Product usage questions or problem troubleshooting
- ☐ Enquiries on repair service and warranty

Help for Users in Thailand

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.co.th>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

Epson Hotline

Phone: 66-2685-9899

Email: support@eth.epson.co.th

Our Hotline team can help you with the following over the phone:

- ☐ Sales enquiries and product information
- ☐ Product usage questions or problems
- ☐ Enquiries on repair service and warranty

Help for Users in Vietnam

Contacts for information, support, and services are:

Epson Hotline

Phone(Ho Chi Minh City): 84-8-823-9239

Phone(Hanoi City): 84-4-3978-4785, 84-4-3978-4775

Epson Service Center

65 Truong Dinh Street, District 1, Hochiminh City, Vietnam.

29 Tue Tinh, Quan Hai Ba Trung, Hanoi City, Vietnam

Help for Users in Indonesia

Contacts for information, support, and services are:

Appendix

World Wide Web

<http://www.epson.co.id>

- ☐ Information on product specifications, drivers for download
- ☐ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Hotline

Phone: 62-1500-766

Fax: 62-21-808-66-799

Our Hotline team can help you with the following over the phone or fax:

- ☐ Sales enquiries and product information
- ☐ Technical support

Epson Service Center

Province	Company Name	Address	Phone E-mail
DKI JAKARTA	ESS Jakarta MG. DUA	RUKO MANGGA DUA MALL NO. 48 JL. ARTERI MANGGA DUA - JAKARTA UTARA-DKI	(+6221)62301104 jkt-technical1@epson-indonesia.co.id
NORTH SUMATERA	ESC Medan	Kompleks Graha Niaga, Jl. Bambu II No. A-4, Medan- 20114	(+6261)42066090/42066091 mdn-technical@epson-indonesia.co.id
WEST JAWA	ESC Bandung	JL. CIHAMPELAS NO. 48A-BANDUNG JABAR 40116	(+6222)4207033 bdg-technical@epson-indonesia.co.id
DI YOGYAKARTA	ESC Yogyakarta	YAP Square, Blok A No.6 Jl. C Simanjutak YOGYAKARTA - DIY	(+62274)581065 ygy-technical@epson-indonesia.co.id
EAST JAWA	ESC Surabaya	HITECH MALL LT.2 BLOK A NO. 24 JL. KUSUMA BANGSA NO. 116 -118 - SURABAYA JATIM	(+6231)5355035 sby-technical@epson-indonesia.co.id
SOUTH SULAWESI	ESC Makassar	JL. GUNUNG BAWAKARAENG NO. 68E - MAKASSAR SULSEL	(+62411)328212 mksr-technical@epson-indonesia.co.id
WEST KALIMANTAN	ESC Pontianak	JL. NUSA INDAH I NO. 40A PONTIANAK KALBAR 78117	(+62561)735507 pontianak-technical@epson-indonesia.co.id
PEKANBARU	ESC PEKANBARU	JL. TUANKU TAMBUSAI NO. 353 - PEKANBARU RIAU	(+62761)21420 pkb-technical@epson-indonesia.co.id

Appendix

Province	Company Name	Address	Phone E-mail
DKI JAKARTA	ESS JAKARTA KEIAI	WISMA KEIAI LT. 1 JL. JEND. SUDIRMAN KAV. 3 JAKPUS DKI JAKARTA	(+6221)5724335 ess.support@epson-indonesia.co.id
EAST JAWA	ESS SURABAYA	JL. JAWA NO. 2-4 KAV. 29, RUKO SURYA INTI, SURABAYA - JATIM	(+6231)5014949 esssby.support@epson-indonesia.co.id
BANTEN	ESS SERPONG	Ruko mall WTC MATAHARI no. 953 SERPONG - Banten	(+6221)53167051 esstag.support@epson-indonesia.co.id
CENTRAL JAWA	ESS SEMARANG	Komplek Ruko Metro Plaza Blok C20 , Jl. MT Haryono No 970 Semarang - Jawa tengah	(+6224)8313807 esssmg.support@epson-indonesia.co.id
EAST KALIMANTAN	ESC SAMARINDA	Jl. KH. Wahid Hasyim (M. Yamin) Kel. Sempaja Selatan Kec. Samarinda Utara Samarinda- Kalimantan Timur (samping kantor pos)	(+62541)7272904 escsmd.support@epson-indonesia.co.id
SOUTH SUMATERA	ESC PALEMBANG	Jl. H.M. Rasyid Nawawi no.249, kelurahan 9 ilir Palembang - Sumsel	(+62711)311330 escplg.support@epson-indonesia.co.id
EAST JAVA	ESC JEMBER	Jl. Panglima Besar Sudirman No.1 D JEMBER - JAWA TIMUR (Depan Balai Penelitian dan Pengolahan Kakao)	(+62331) 486468,488373 jmr-admin@epson-indonesia.co.id jmr-technical@epson-indonesia.co.id
NORTH SULAWESI	ESC MANADO	Tekno @Megamall, Megamall LG TK-21 Jl. Piere Tendean Kawasan Megamas Boulevard Manado 95111	(+62431)7210033 MND-ADMIN@EPSON-INDONESIA.CO.ID

For other cities not listed here, call the Hot Line: 08071137766.

Help for Users in Malaysia

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.com.my>

- ☐ Information on product specifications, drivers for download
- ☐ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Call Centre

Phone: +60 1800-8-17349

- ☐ Sales enquiries and product information

Appendix

- ☐ Product usage questions or problems
- ☐ Enquiries on repair services and warranty

Head Office

Phone: 603-56288288

Fax: 603-5628 8388/603-5621 2088

Help for Users in India

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.co.in>

Information on product specifications, drivers for download, and products enquiry are available.

Helpline

- ☐ Service, product information, and ordering consumables (BSNL Lines)
Toll-free number: 18004250011
Accessible 9am to 6pm, Monday through Saturday (Except public holidays)
- ☐ Service (CDMA & Mobile Users)
Toll-free number: 186030001600
Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone, fax numbers and e-mail address below:

World Wide Web

<http://www.epson.com.ph>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

Epson Philippines Customer Care

Toll Free: (PLDT) 1800-1069-37766

Toll Free: (Digital) 1800-3-0037766

Metro Manila: (+632)441-9030

Web Site: <https://www.epson.com.ph/contact>

E-mail: customercare@epc.epson.com.ph

Our Customer Care team can help you with the following over the phone:

- ☐ Sales enquiries and product information
- ☐ Product usage questions or problems

Appendix

- ❑ Enquiries on repair service and warranty

Epson Philippines Corporation

Trunk Line: +632-706-2609

Fax: +632-706-2665