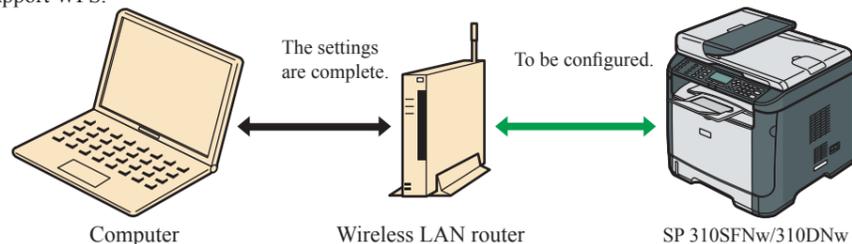


This manual describes a quick and easy setup using WPS (Wi-Fi Protected Setup). A quick and easy setup is supported for the following models that have a built-in wireless LAN:

- Multifunctional printer: SP 310SFNw/311SFNw
- Printer: SP 310DNw/311DNw

Introduction

This section explains how to connect to the network via a wireless LAN router and an access point as the following illustration shows. First prepare a wireless LAN router and an access point that support WPS.



To connect directly to a device that has a wireless LAN such as laptop, you need to configure the settings manually. For details, see the following sections in *User Guide* on the supplied CD-ROM.



SP 310SFNw/311SFNw: See "Wireless LAN Setup (Type 2 model only)".

SP 310DNw/311DNw: See "Configuring the Machine Settings" and Smart Organizing Monitor Help.

*** Because of security vulnerability and complexity of the connection procedure, we recommend using a wireless LAN access point for communications.**

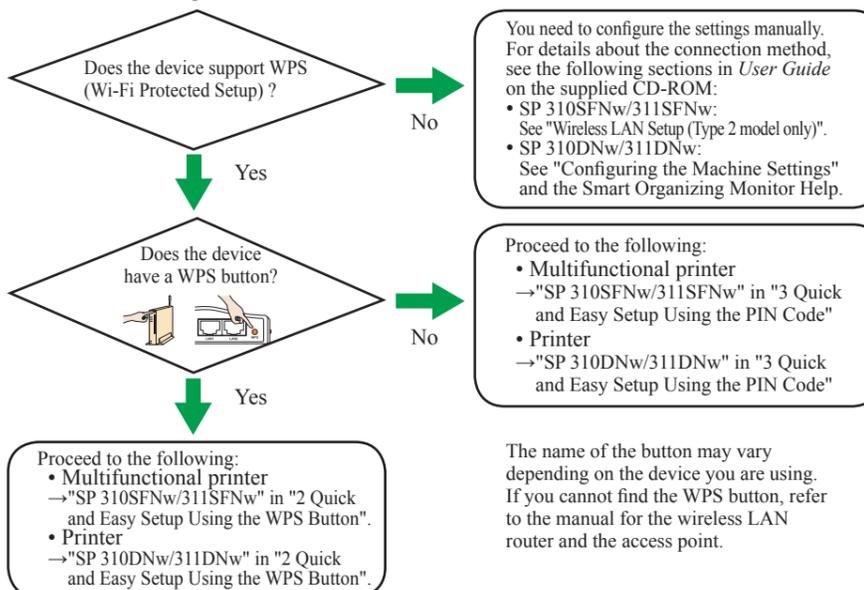
1 Check Your Wireless Network Environment

Important

- Make sure your router is connected to the network.

Check the specifications of the wireless LAN router and the access point to be connected to. The connection method may vary depending on the specifications of the wireless LAN router and the access point you are using.

For details about the specifications of the devices, refer to their manuals.



The name of the button may vary depending on the device you are using. If you cannot find the WPS button, refer to the manual for the wireless LAN router and the access point.

Standards and abbreviations

- **Wi-Fi:** Wi-Fi is a standard for the connection between devices that have a wireless LAN. The devices supporting this standard can be connected using a wireless LAN.
- **WPS (Wi-Fi Protected Setup):** WPS is a standard for encryption settings for connections between devices that support Wi-Fi. Devices that support this standard can be connected easily using a wireless LAN with encryption.
- **PBC:** A WPS connection method using a push button
- **PIN:** A WPS connection method using a PIN code
- **AP:** An access point

About the WPS button and connection using a PIN code

- Devices that have a WPS button can also be connected using a PIN code.
- To establish a connection using a PIN code, the configuration screen of the wireless LAN router and the access point must be displayed on the computer.

About WPS connection security

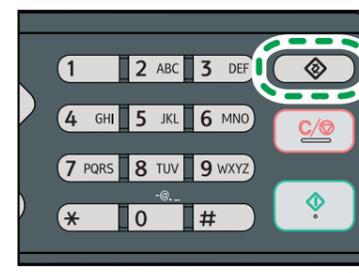
- The optimum security for the devices is automatically configured in a WPS connection. Security settings depend on the connection environment. Accordingly, it cannot be assumed that the configured security setting is the most secure.

2 Quick and Easy Setup Using the WPS Button

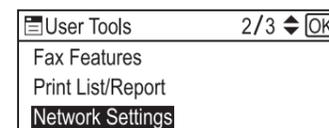
SP 310SFNw/311SFNw

- 1 Check that the wireless LAN router and the access point are working correctly.

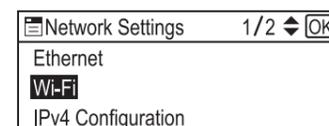
- 2 Press the [User Tools] key.



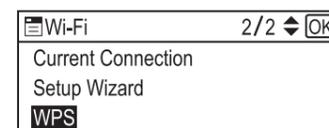
- 3 Press the [▼] or [▲] key to select [Network Settings], and then press the [OK] key.



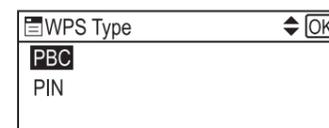
- 4 Press the [▼] or [▲] key to select [Wi-Fi], and then press the [OK] key.



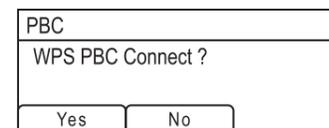
- 5 Press the [▼] or [▲] key to select [WPS], and then press the [OK] key.



- 6 Press the [▼] or [▲] key to select [PBC], and then press the [OK] key.

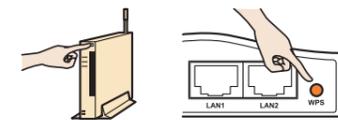


- 7 Press the [Yes] key.



"Please push the button of AP within 2 minutes" appears, and the machine starts to connect in PBC method.

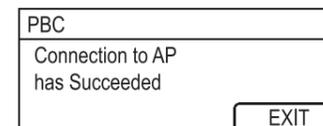
- 8 Press the WPS button on the access point within two minutes.



- For details about how to use the WPS button, refer to the manuals for the wireless LAN router and access point.
- The name of the button may vary depending on the device you are using.

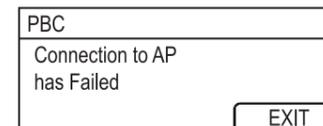
- 9 Check the result.

Connection has succeeded:



- Press the [EXIT] key to return to the screen displayed in Step 6, and then press the [User Tools] key to return to the initial screen.
- When you switch the connection method from a wired LAN to a wireless LAN, disconnect the Ethernet cable from the machine.

Connection has failed:



- Press the [EXIT] key to return to the screen displayed in Step 6. Check the configurations for the wireless LAN router and the access point, and then reconnect the router and the access point to the machine.
- Press the [EXIT] key, and then press the [User Tools] key to return to the initial screen.

- 10 Configuring the Wi-Fi settings is complete.

The next step is to install the printer driver from the provided CD-ROM.

For details, see *User Guide* on the provided CD-ROM.

SP 310DNw/311DNw

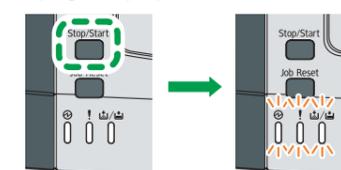
Note

- The following operations can be performed only when a WPS connection is configured for the first time. Once a WPS connection is configured, use Smart Organizing Monitor to configure the WPS connection again when changes are added to the access point or other settings. For details, see "Configuring the Machine Settings", *User Guide* and the Smart Organizing Monitor Help.

- 1 Check that the wireless LAN router and the access point are working correctly.

- 2 Check that the USB and LAN cable are not connected to the machine, and then turn on the machine.

- 3 When the Power indicator is lit, press and hold the [Stop/Start] key for two seconds or less.

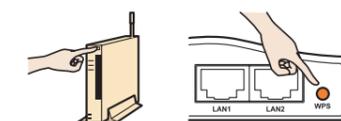


The Power indicator, Alert indicator, and Toner/Paper End indicator will repeatedly flash in this order, and the machine starts to connect in PBC method.

Note

- If you press and hold the [Stop/Start] key for more than two seconds, the PIN code will be printed.

- 4 Press the WPS button on the access point within two minutes.

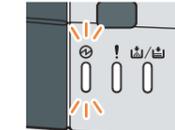


- For details about how to use the WPS button, refer to the manual for the wireless LAN router and access point.
- The name of the button may vary depending on the device you are using.

- 5 Check the result.

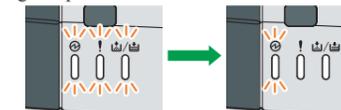
Connection has succeeded:

The Power indicator lights up.



Connection has failed:

All the indicators start to flash simultaneously, and after 30 seconds, only the Power indicator lights up.



Check the configurations of the wireless LAN router and the access point, and then reconnect the router and the access point to the machine.

- 6 Configuring the Wi-Fi settings is complete.

The next step is to install the printer driver from the provided CD-ROM.

For details, see *User Guide* on the provided CD-ROM.

3 Quick and Easy Setup Using the PIN Code

★ Important

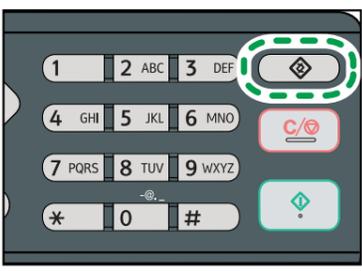
- To establish a connection using the PIN code, use a computer that is connected to the wireless LAN router and the access point.
- For details of the configuration method, refer to manuals for the wireless LAN router and access point.
- When you switch the connection method from a wired LAN to a wireless LAN, disconnect the Ethernet cable from the machine.

SP 310SFNW/311SFNW

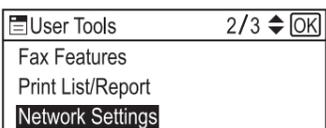
- Check that the wireless LAN router and the access point are working correctly.
- Open the PIN code configuration screen for the wireless LAN router or the access point on your computer.



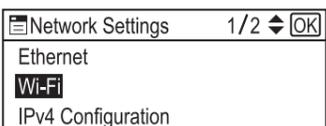
- Press the [User Tools] key.



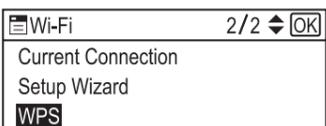
- Press the [▼] or [▲] key to select [Network Settings], and then press the [OK] key.



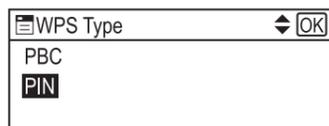
- Press the [▼] or [▲] key to select [Wi-Fi], and then press the [OK] key.



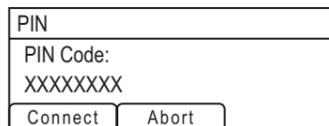
- Press the [▼] or [▲] key to select [WPS], and then press the [OK] key.



- Press the [▼] or [▲] key to select [PIN], and then press the [OK] key.



- Check the PIN code.



Write down the PIN code in case you might forget it.

- Enter the machine's PIN code (8 digits) on the access point's web page.



- Execute WPS (PIN system) from the access point's web page.



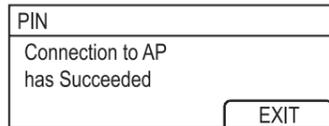
- Press the [Connect] key.



"Please wait for 2 minutes" appears and connecting with PIN method starts.

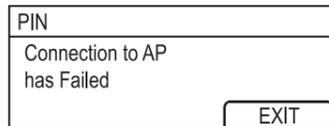
- Check the result.

❖ Connection has succeeded:



- Press the [EXIT] key to return to the screen displayed in Step 7, and then press the [User Tools] key to return to the initial screen.

❖ Connection has failed:



- Press the [EXIT] key to return to the screen displayed in Step 7.
- Check the configurations for the wireless LAN router and the access point, and then perform the operations from Step 7 again.
- Press the [EXIT] key, and then press the [User Tools] key to return to the initial screen.

- Configuring the Wi-Fi settings is complete.

The next step is to install the printer driver from the provided CD-ROM.

For details, see *User Guide* on the provided CD-ROM.

SP 310DNw/311DNw

↓ Note

- The PIN code will be printed on paper. Refer to *Quick Installation Guide* and load paper for print jobs.
- The following operations can be performed only when a WPS connection is configured for the first time. Once a WPS connection is configured, use *Smart Organizing Monitor* to configure the WPS connection again when changes are added to the access point or other settings.
- For details, see "Configuring the Machine Settings", *User Guide* and the *Smart Organizing Monitor Help*.

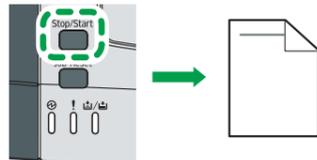
- Check that the wireless LAN router and the access point are working correctly.

- Open the PIN code configuration screen for the wireless LAN router or the access point on your computer.



- Check that the USB and LAN cable are not connected to the machine, and then turn on the machine.

- When the Power indicator is lit, press and hold the [Stop/Start] key for two seconds.



- The PIN code will be printed.
- The machine starts to connect in PIN method.

- Enter the machine's PIN code (8 digits) on the access point's web page.



- Execute WPS (PIN system) from the access point's web page.



Wait for about two minutes until the result is displayed.

- Check the result.

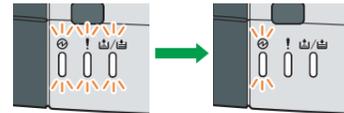
❖ Connection has succeeded:

The Power indicator lights up.



❖ Connection has failed:

All the indicators start to flash simultaneously, and after 30 seconds, only the Power indicator lights up.



Check the configurations of the wireless LAN router and the access point, and then reconnect the router and the access point to the machine.

- Configuring the Wi-Fi settings is complete.

The next step is to install the printer driver from the provided CD-ROM.

For details, see *User Guide* on the provided CD-ROM.

Troubleshooting

Connection Problems

If problems occur even after you configure the connection settings again, check the following:

- ❖ **Are the settings for the wireless LAN router and the access point correctly configured?**
 - Check that the WPS function is not set to "inactive" or "Off".
 - Functions other than WPS may interfere with the WPS function depending on their settings. For details, refer to the manuals for the wireless LAN router and access point.
- ❖ **Are the wireless LAN router and the access point placed in an area in which they can receive radio waves?**
 - The area in which the devices can receive radio waves varies depending on the structure of the building. If the machine is away from the wireless LAN router or the access point, place it closer to either of them. Then connect the machine to the devices.
- ❖ **Is the button you pressed the WPS button?**
 - The WPS button has different names, pressing or holding times depending on the wireless LAN router or the access point you are using. For details about which button you need to press or hold for a specific period of time, refer to the manual.
- ❖ **Is the PIN code configured correctly?**
 - Configure the PIN code correctly according to the manuals for the wireless LAN router and access point.
 - Check the PIN code when it is displayed or printed.
- ❖ **Has the network environment changed? (For example, have you changed the printer's location?)**
 - If the network environment has been changed, you need to configure the network and Wi-Fi settings again. (SP 310DNw/311DNw only)
 - Use the following procedure to reset the settings:
 - Turn on the machine while holding down the [Job Reset] key and the [Stop/Start] key.
 - When the alarm lamp starts flashing, release the keys.
 - All settings are reset to their factory settings.
 - Configure the network and Wi-Fi settings again. For details about the network settings, see *Network Settings Guide*.

Connection has Succeeded but the Wireless LAN Cannot be Used

If a connection has been established but the wireless LAN cannot be used, check the following:

- ❖ **Are the IP address settings correctly configured?**
 - See *Network Settings Guide* to configure the IP address settings.
- ❖ **Check that an Ethernet cable is not connected to the machine.**
 - If the machine is connected to the network using an Ethernet cable, the Ethernet connection is enabled. To use the wireless LAN, disconnect the Ethernet cable from the machine.
- ❖ **Connection may fail due to radio wave conditions.**
 - If there is another wireless network nearby, the wireless connection may fail. Wait for a while, and then connect to the network again.