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:

- Multi-functional 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.

**Check Your Wireless Network Environment**

- 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.

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**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 without 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 the most secure.

- Security settings depend on the connection environment. Accordingly, it cannot be assumed that the configured security setting is the most secure.

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**Quick and Easy Setup Using the WPS Button**

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

2. **Press the [User Tools] key.**

3. **Press the [Y] or [A] key to select ([Network Settings]), and then press the [OK] key.**

4. **Press the [Y] or [A] key to select ([Wi-Fi]), and then press the [OK] key.**

5. **Press the [Y] or [A] key to select ([WPS]), and then press the [OK] key.**

6. **Press the [Y] or [A] key to select ([PBC]), and then press the [OK] key.**

7. **Press the [Yes] key.**

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

9. **Check the result.**

**Connection has succeeded:**

- **Connection to AP 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:**

- **Connection to AP 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.

**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.

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**Wi-Fi Settings Guide**

- **SP 310DNw/310SFNw/311DNw/311SFNw**

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**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.

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**Check Your Wireless Network Environment**

- 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, see the following sections in User Guide on the supplied CD-ROM:
  - SP 310SFNw/311SFNw: See “Configuring the Machine Settings” and Smart Organizing Monitor Help.
  - 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.

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Quick and Easy Setup Using the PIN Code

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

Press the [User Tools] key.

3. Press the [ ] or [ ] key to select [PIN], and then press the [OK] key.

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

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

6. Press the [ ] or [ ] key to select [WPS], and then press the [OK] key.

7. Press the [ ] or [ ] key to select [PIN], and then press the [OK] key.

8. Check the PIN code.

   PIN
   PIN Code: XXXXXXXX
   Connect  Abort

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

10. Execute WPS (PIN system) from the access point’s web page.

11. Press the [Connect] key.

   PIN
   PIN Code: XXXXXXXX
   Connect  Abort

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

12. Check the result.

   Connection has succeeded:

   • The machine starts to connect in PIN method.
   • The machine PIN code (8 digits) is displayed on the access point’s web page.

13. 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 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.
    1. Turn on the machine while holding down the [Job Reset] key and the [Stop/Start] key.
    2. When the alarm lamp starts flashing, release the keys.
    3. All settings are reset to their factory settings.
    4. 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.

Quick Installation Guide

The PIN code will be printed on paper. Refer to the printer driver manual for details and see the following page.

Abbreviation List

SP 310DNw/311DNw Wi-Fi Settings Guide

EN   GB     EN   US     EN   AU

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