

1. Confirm your WLAN access point/router has the Wi-Fi Protected Setup or AOSS™ symbol as shown below.





NOTE

If your WLAN access point/router supports Wi-Fi Protected Setup (PIN Method) and you want to configure your machine using the PIN (Personal Identification Number) Method, See Using the PIN Method of Wi-Fi Protected Setup in the Network User's Guide.

2. Place the Brother machine within range of your Wi-Fi Protected Setup or AOSS[™] access point/router. The range may differ depending on your environment. Refer to the instructions provided with your access point/router.

STEP I: Configure the Wireless Network Card

1. Insert the Brother Driver and Utilities CD into your PC.

2. Select the HL-2270DW.



3. Select Language: English.



4. Click Install Printer Driver (U.S.A./Canada/Latin America).

	brother
Laser Printer Utilities	
Top Menu	
Install the printer driver after the initial setup phase is complete.	for U.S.A / Canada / Latin America
	Install Printer Driver for Europe / Asia / Oceania / Others
	Install Other Drivers or Utilities
	Documentation
	Brother Solutions Center
	On-Line Registration
	Supplies Information
© 2001-2010 Brother Industries, Ltd. All Rights Reserved.	Back Exit

5. Read the License Agreement: Click Yes if you agree.



6. Select Wireless Network Connection. Click Next.



7. Select Brother Peer-To-Peer Network Printer. Click Next.



8. Read the notice for Firewall/Antivirus Software users: Click **OK**.

rother Printing Device Installation		×
Firewall/AntiVirus detected		
Windows Firewall is helping to protect your With the current firewall settings some of th In order for all the network features of the n settings need to be changed.	computer. e network features on your machine will not work nachine to work, some of the Windows Firewall p	 ort
 Change the Firewall port settings to ena installation. (Recommended) 	ble network connection and continue with the	
C Continue without changing the Window disabled)	is Firewall settings. (Some network features will b	e
For AntiVirus Software Users:		
If you are using AntiVirus Software, a warni installation, then choose "allow" to continu	ng dialog window might appear during the e.	
netaliSkield		
1970) Markin	< <u>B</u> ack <u>N</u> ext > Cancel	

9. Choose Yes, my Access Point supports WPS or AOSS and I want to use them and click Next.



10. Press the wireless setup button located at the back of the machine for less than 2 seconds as shown in the illustration below.



Note:

- Use a pointy object such as a ballpoint pen to press the button.
- Do not press the button for 3 seconds or more, since the machine will change to the PIN Method of the Wi-Fi Protected Setup mode.

11. This feature will automatically detect which mode (Wi-Fi Protected Setup or AOSS[™]) your access point/router uses to configure your machine for 2 minutes.

12. Push the Wi-Fi Protected Setup or AOSS[™] button on your WLAN access point/router. See the user's guide for your WLAN access point/router for instructions.



13. The machine LED's will indicate the connection results. See the following chart for LED indications.

LEDs	Setting WLAN ¹	Connecting WPS/AOSS™ 1	Connected ²	Connection fail ⁸	No Access Point ³	Conn	ection e	rror 4
Toner	. 🔆	×	0	0	0	0		0
Drum	0	×	0	0	×	0		0
Error	0	0	0	×	*	*	$ \rightarrow $	0
Ready	0	0	•	0	0	0		0

1 The LED will blink (turn on for 0.2 seconds and off for 0.1 second).

The LED will turn on for 5 minutes.
 For 30 Seconds the LED will blink ON and OFF at 0.1 second intervals.

4 The LED will flash 10 times and then turn OFF for half a second. This pattern will repeat 20 times

14. A wireless LAN report will automatically be printed.



A WLAN report will automatically be printed. If the connection failed, check the error on the printed report and refer to **Troubleshooting** at the end of this solution.

15. Click Next.



16. Check the box after you confirm that you have completed the wireless settings, and then click **Next**.

wheless bevice setup wizard			
Important Notice	(((@))		
Please refer to your Quick Setup Guide and configure wireless settings through the control panel, then follow the steps below.			
1. WLAN report will be printed by your device.			
 2. Please look at the report and confirm that your wireless connection is OK. Checked and confirmed If you failed the wireless connection, please refer to the Quick Setup Guide and configure the wireless setting then run this install again. 	<< WLAN report >> Connection: 0K *		
- Back	Next > Cancel		



Wireless setup is now complete.

STEP II: Install The Printer Driver

22. Click Next to start the driver installation.



NOTE: If the following screen appears, click **OK** to search again.



>

Cancel

Refresh

Configure IP Address

Next>

24. Users Guides: Click Next to continue.

wireless setting.

<

🗹 Set by Nodename

Wireless Setup



If your device does not appear in the list, please configure the

< Back

25. Online Registration. Click Next to continue.



26. Click the checkbox next to **Enable the Network Repair Tool** and click **Finish**.

Brother Printing Device Installation			
Setup Complete	24		
Driver installation is finished!			
Select the actions to perform when Setup finishes.			
Enable Status Monitor on startup (A software test for mexicaine device at-two and ever patification from your PC)			
Please Note: Selecting the above Enable Status Monitor on startup checkbox will overwrite the setting of any previously installed versions of Status Monitor.)			
Enable the Network Connection Repair Tool			
(Software that checks for network problems and automatically attempts to correct them)			
🔽 Set as Default Printer			
Installonield			
< <u>B</u> ack Fi	nish Cancel		

27. Select the option you would prefer for receiving firmware update notices and click **OK**.

eck for Firmware Updates	
An icon will appear in the task tray, when new firmware information is available for your Brother machine.	2
1200	
Carefully read the following selections and choose your preference. Then dick "OK".	
Receive information for all firmware updates. (Recommended)	
C Receive information for important firmware updates.	
C Don't want to receive any firmware information.	
 Don't want to receive any firmware information. Please read the following information before checking for any firmware updates. 	
C Don't want to receive any firmware information. Please read the following information before checking for any firmware updates. Attention> -1 Information with respect to your Brother machine (including but not limited to model name, firmware information such as version information) for new firmware information will be sent from your computer to an internet server managed by Brother Industries, Ltd. This information will be used only for such new firmware sent to you by Brother Industries, Ltd. The information provided will not be used as	
 Don't want to receive any firmware information. Please read the following information before checking for any firmware updates. Attention> Information with respect to your Brother machine (including but not limited to model name, firmware information such as version information) for new firmware information will be sent from your computer to an internet server managed by Brother Industries, Ltd. This information will be used only for such new firmware sent to you by Brother Industries, Ltd. 	•
 Don't want to receive any firmware information. Please read the following information before checking for any firmware updates. Attention> Attention> Information with respect to your Brother machine (including but not limited to model name, firmware information such as version information) for new firmware information will be sent from your computer to an internet server managed by Brother Industries, Ltd. This information will be used only for such new firmware sent to you by Brother Industries, Ltd. The information provided will not be used as 	•

The installation is now complete.

Troubleshooting WPS or AOSS Connection Error Indications

Press the **GO** button on the machine five times within four seconds. The machine prints the WLAN report.

If the WLAN report that printed shows that the connection failed, check the error code on the printed report and refer to the following instructions.

TS-01

The wireless setting is not activated, turn the wireless setting to ON.

 If a LAN cable is connected to your machine, disconnect it and turn the wireless setting of your machine to ON. Hold down Go for 10 seconds. Release Go when the machine prints a Network Configuration page that indicates the current network settings.

TS-02

The WLAN access point/router cannot be detected.

- 1. Check the following 4 points.
- Make sure that the WLAN access point/router is powered on.
- Move your machine to an obstruction-free area, or closer to the WLAN access point/router.
- Temporarily place your machine within about one meter (3.3 feet) from the WLAN access point when you are configuring the wireless settings.
- If your WLAN access point/router is using MAC address filtering, confirm the MAC address of the Brother machine is allowed in the filter.

2. If you manually entered the SSID and security information (SSID/authentication method/encryption method/Network Key) the information may be incorrect. Reconfirm the SSID and security information and reenter the correct information as necessary.

TS-04

The Authentication/Encryption methods used by the selected WLAN access point/router are not supported by your machine.

For infrastructure mode, change the authentication and encryption methods of the WLAN access point/router. Your machine supports the following authentication methods WPA, WPA2, OPEN and Shared key. WPA supports TKIP or AES encryption methods. WPA2 supports AES for the encryption method. OPEN and Shared key correspond to WEP encryption.

If your problem is not solved the SSID or network settings you entered may be incorrect. Reconfirm the wireless network settings.

Combined table of authentication and encryption methods

Authentication method	Encryption method
WPA Personal	TKIP
WFA-Felsonal	AES
WPA2-Personal	AES
OPEN	WEP
OFEN	NONE (without encryption)
Shared key	WEP

For ad-hoc mode, change the authentication and encryption methods of your computer for the wireless setting.

Your machine supports OPEN authentication method only, with optional WEP encryption.

TS-05

The security information (SSID/Network Key) is incorrect. Reconfirm the SSID and security information (Network Key). If your router uses WEP encryption, enter the key used as the first WEP key. Your Brother machine supports the use of the first WEP key only.

TS-06

The wireless security information (Authentication method/Encryption method/Network Key) is incorrect.

Reconfirm the wireless security information (Authentication method/Encryption method/Network Key) in the table of TS-04.

If your router uses WEP encryption, enter the key used as the first WEP key. Your Brother machine supports the use of the first WEP key only.

TS-07

The machine cannot detect a WLAN access point/router that has WPS or AOSS $^{\rm TM}$ enabled.

If you would like to configure your wireless settings using WPS or AOSS[™], you must operate both your machine and the WLAN access point/router. Confirm your WLAN access point/router supports WPS or AOSS[™] and try starting again.



If you do not know how to operate your WLAN access point/router using WPS or AOSS™, See the documentation provided with your WLAN access point/router, ask the manufacturer of your WLAN access point/router or ask your network administrator.

TS-08

Two or more WLAN access points that have WPS or AOSS™ enabled are detected.

- Confirm that only one WLAN access point/router within range has the WPS or AOSS[™] method active and try again.
- Try starting again after a few minutes in order to avoid interference from other access points.