PIXMA MG4200 series

Setup Guide

Setup Guide

This guide provides information for setting up a network connection for the printer.

Network Connection

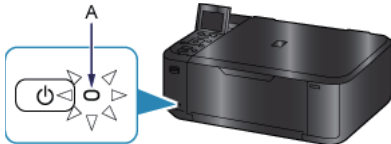### Wireless Connection

Character Entry

Troubleshooting

Network Connection

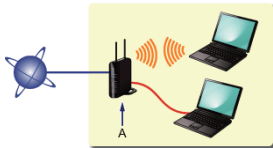## Wireless Connection

❶ Preparation for Connection

Before Starting Wireless Connection Setup

1. Make sure that the printer is turned on.
   If the power is on, the POWER lamp (A) will be lit.
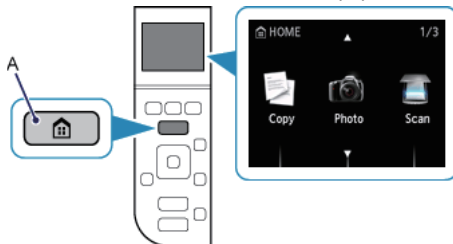

Notes on Wireless Connection

- Make sure that the computer is connected to the access point (A) (or wireless network router) you want to connect your printer to.


- The configuration, router functions, setup procedures and security settings of the network device vary depending on your system environment. For details, refer to the manual of your network device or contact its manufacturer.
- Check if your device supports IEEE802.11n, 802.11g or 802.11b.
- If your device is set to the "IEEE802.11 n only" mode, WEP or TKIP cannot be used as a security protocol. Change the security protocol for your device to something other than WEP and TKIP or change the setting to something other than "IEEE802.11 n only."
- For office use, consult your network administrator.
- Take added care when connecting to a network that is not protected with security measures, as there is a risk of disclosing data such as your personal information to a third party.
- An "Ad-hoc connection," which establishes a direct connection to the computer over a wireless connection without an access point, is not supported. Be sure to prepare an access point.

❷ Printer Setup

1. Press the HOME button (A) on the printer.

2. Use the ▲ or ▼ button (A) to display the WLAN setup icon.
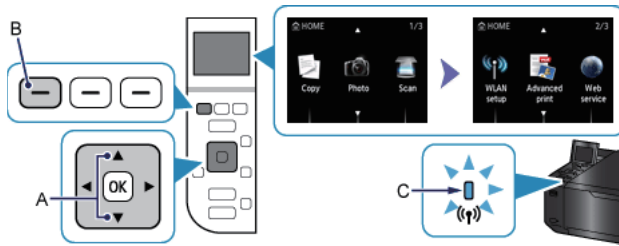
3. Press the left Function button (B).

The (blue) Wi-Fi lamp (C) lights up when wireless connection is enabled.
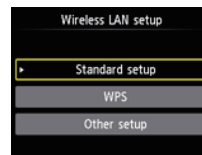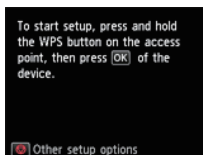
❸ Setup Procedure Selection

The printer will automatically search for access points supporting WPS (Wi-Fi Protected Setup).

* If the Push Button Method screen is displayed on the printer

When you are unsure if your access point or router supports this technology, press the Stop button.

Proceed to the screen for Standard setup.

To start setup, press and hold the WPS button on the access point, then press OK of the device.

Other setup options

Wireless LAN setup

Standard setup

WPS

Other setup

Push Button Method → ❹-A   Select the most suitable connection method from the following.

- Standard setup → ❹-B
  Connect to Access Point by entering the Network Password

- WPS → ❹-C
  Connect to WPS-compatible Access Point

- Other setup (Advanced setup) → ❹-D
  Connecting to the Network by Entering the Access Point's Settings Directly on the Printer
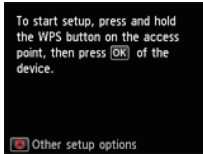
 When using WEP key number 2, 3 or 4, select "Advanced setup".

❹ Connection Using WPS

1. Press and hold the WPS button on the access point.
   For details on pressing the WPS button, refer to the access point manual.

2. Press the OK button on the printer within 2 minutes.
   The (blue) Wi-Fi lamp on the printer flashes while searching for or connecting to the access point.

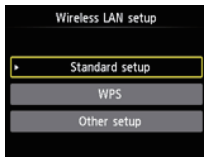3. When the left screen appears, press the OK button.
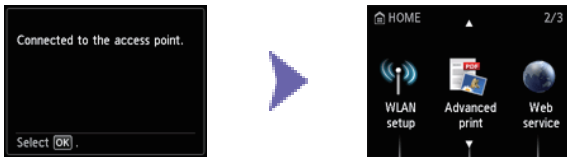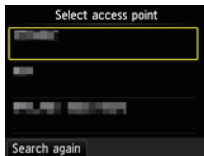

The network connection setup is now complete.
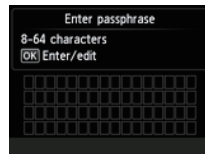
❹ Connection via Standard setup

1. Select Standard setup.

2. Press the OK button.

3. Select your access point, then press the OK button.

4. One of the screens below will be displayed on the printer.
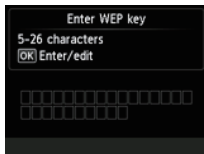
5. Press the OK button.

6. Enter the network password (WEP key or passphrase).
    Character entry is case-sensitive.
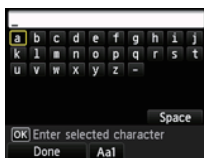
7. Press the left Function button.

8. Make sure that the network password is correct.
    Character entry is case-sensitive.
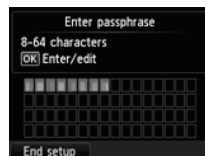
9. Press the left Function button.

10. When the left screen appears, press the OK button.
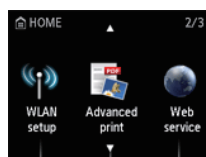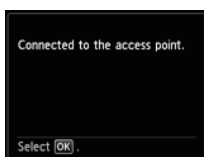
The network connection setup is now complete.

❹ Connection Using WPS

1. Select WPS.
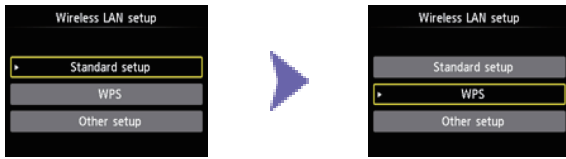
2. Press the OK button.

3. Select Push button method.
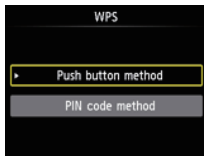
4. Press the OK button.

5. Press the OK button.
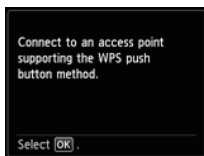
6. Press and hold the WPS button on the access point.
   For details on pressing the WPS button, refer to the access point manual.
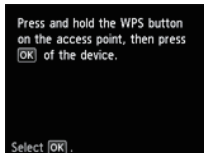
7. Press the OK button on the printer within 2 minutes.
   The (blue) Wi-Fi lamp on the printer flashes while searching for or connecting to the access point.

8. When the left screen appears, press the OK button.

The network connection setup is now complete.

❹ Connection via Advanced setup

1. Select Other setup.
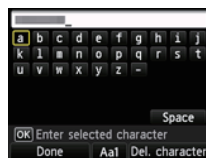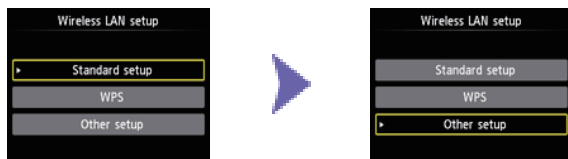

2. Press the OK button.

3. Select Advanced setup.
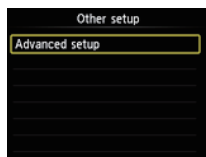
4. Press the OK button.

5. Select your access point, then press the OK button.
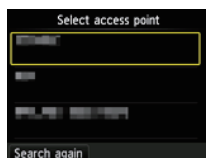
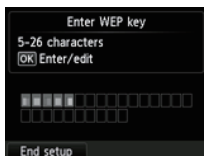6. Select the security protocol used by the access point, then press the OK button.

■ Disable

7. When the left screen appears, press the OK button.

The network connection setup is now complete.

■ WEP
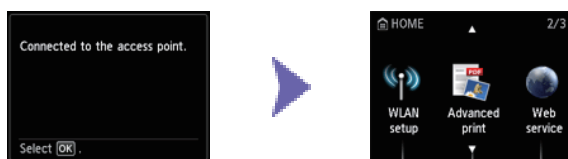
7. Select the WEP key number you want to use.
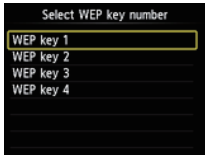
8. Press the OK button.

9. Press the OK button.

10. Enter the WEP key.
    Character entry is case-sensitive.
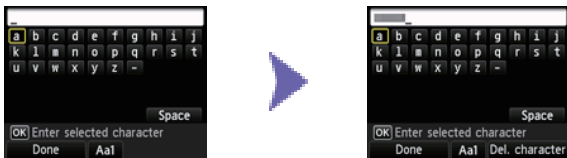
11. Press the left Function button.

12. Make sure that the WEP key is correct.

13. Press the left Function button.

14. When the left screen appears, press the OK button.
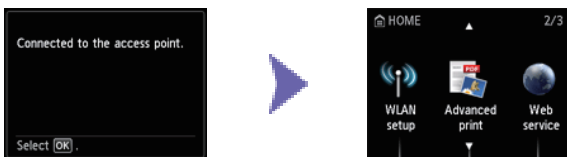
The network connection setup is now complete.

■ WPA/WPA2

7. Press the OK button.
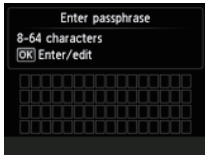
8. Enter the passphrase.
   Character entry is case-sensitive.

9. Press the left Function button.

10. Make sure that the passphrase is correct.

11. Press the left Function button.

12. When the left screen appears, press the OK button.
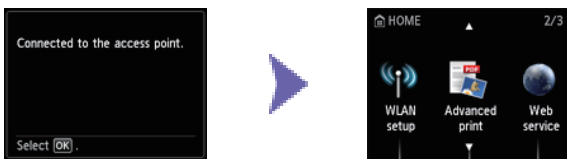

The network connection setup is now complete.

Character Entry

You can enter the characters when the keyboard is displayed on the printer. Follow the procedure below.
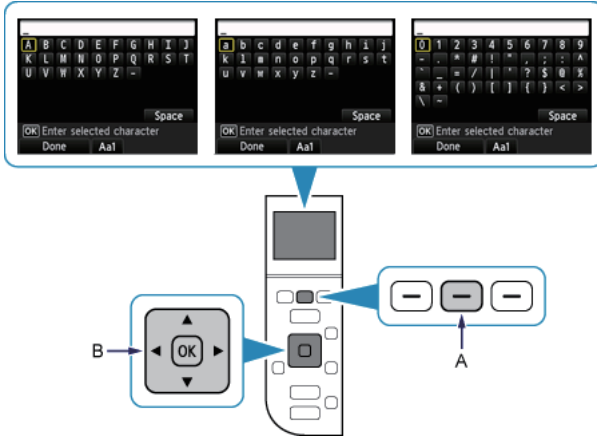
1. You can enter the characters when the keyboard is displayed on the printer's LCD.

    Password entry is case sensitive so press the center Function button (A) accordingly to switch between lower case, upper case and numeric characters.

2. Use the ▲ ▼ ◀ ▶ buttons (B) to select a character from the keyboard, then press the OK button to select and move to the next character.

3. Repeat 1 and 2 to enter the remaining characters.

Standard setup

■ **The Target Access Point is Not Detected**

- Is the network device (router, etc.) turned on? If the network device is already turned on, turn it off, then turn it back on.
- Check the access point name/network name and network password of your access point or router.
- Are the computer and network device configured?
- Are the access point and printer installed in an open space where wireless communications are possible?
- Is the access point operating in IEEE802.11n (2.4 GHz), IEEE802.11g or IEEE802.11b?

After checking the above points, press the left Function button (A) on the printer to search for the access point again.

If the problem is not resolved, there may be other causes.
See also the sections below:

- If SSID broadcast (connection via "ANY" SSID, etc.) is disabled or the stealth mode is enabled on the access point, enable SSID broadcast (connection via "ANY" SSID, etc.) or disable the stealth mode, then press the left Function button on the printer to search for the access point again.

- Select Directly enter the access point name in the Select access point screen. Wireless connection settings of the access point can be entered on the printer directly.

- If "WPA/WPA2 Enterprise" is set as the security protocol (encryption standard) on the access point, change the security protocol (encryption standard) and configure wireless connection settings again. "WPA/WPA2 Enterprise" is not supported on this printer.

- For details on how to change the security protocol (encryption standard) for the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ **Multiple access points with the same name exist. Do you want to use multiple access points?**

The message appears when multiple access points with the same name are found.

When you have only one access point:
Select Use one AccessPoint only, then press the OK button. Select the MAC address of the target access point on the displayed screen, then press the OK button.

For details on how to check the MAC address of the access point, refer to the manual supplied with the access point or contact its manufacturer.

When using multiple access points:
Select Use multiple AccessPoints, then press the OK button.

■ **An Unknown Access Point is Displayed**

Access points in use nearby may also be detected.

■ **The Access Point Name is Not Displayed Properly**

Access point names with double-byte characters are not displayed properly. However, they can be selected.

■ **The Access Point Name is Not Displayed Automatically**

Refer to the manual supplied with the access point or contact its manufacturer.

■ **The Network Password is Not Displayed Automatically**

Refer to the manual supplied with the access point or contact its manufacturer.

■ WEP

■ Failed to connect to the access point.

Make sure that the WEP key entered for the access point is correct. In addition, when using WEP key number 2, 3 or 4 of the access point, set to use WEP key number 1, or select a WEP key number by entering wireless connection settings of the printer directly.

For details on how to change the WEP key number of the access point, refer to the manual supplied with the access point or contact its manufacturer.

If the problem is not resolved, there may be other causes.
See also the sections below:

• If the DHCP function of the access point is inactive, enable the DHCP function and configure wireless connection settings again.

• For details on how to check or change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

• If using an access point that automatically creates WEP keys, check the WEP key (hexadecimal) created automatically on the access point, then enter it on the printer.

• For details on how to check the specifications of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ WLAN setting list

If the MAC address filtering is enabled on the access point, change settings so that the MAC address of the printer will be accepted.
Follow the procedure below to check the MAC address of the printer.
1. Press the HOME button.
2. Display Setup, then press the right Function button.
3. Select Device settings, then press the OK button.
4. Select LAN settings > Confirm LAN settings > WLAN setting list to check MAC address.

For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ To perform Standard setup again
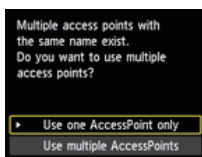
1. Press the HOME button (A).

2. Use the ▲ or ▼ button (B) to display WLAN setup, then press the left Function button (C).

■ WPA/WPA2

■ Failed to connect to the access point.

Make sure that the passphrase entered for the access point is correct.

If the problem is not resolved, there may be other causes.
See also the sections below:

- If the DHCP function of the access point is inactive, enable the DHCP function and configure wireless connection settings again.

- For details on how to check or change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ WLAN setting list

If the MAC address filtering is enabled on the access point, change settings so that the MAC address of the printer will be accepted.
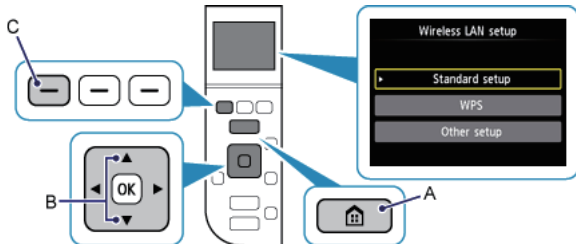Follow the procedure below to check the MAC address of the printer.
1. Press the HOME button.
2. Display Setup, then press the right Function button.
3. Select Device settings, then press the OK button.
4. Select LAN settings > Confirm LAN settings > WLAN setting list to check MAC address.

For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

If the problem is not resolved, there may be other causes.
See also the sections below:

- If the access point is configured to communicate using IEEE802.11n standard only and encryption is set to TKIP, change the encryption to something other than TKIP or change the communication standard to something other than IEEE802.11n, then configure wireless connection settings again.

- If encryption is set to TKIP, IEEE802.11n cannot be used as the communication standard.

- For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ To perform Standard setup again

1. Press the HOME button (A).

2. Use the ▲ or ▼ button (B) to display WLAN setup, then press the left Function button (C).

WPS
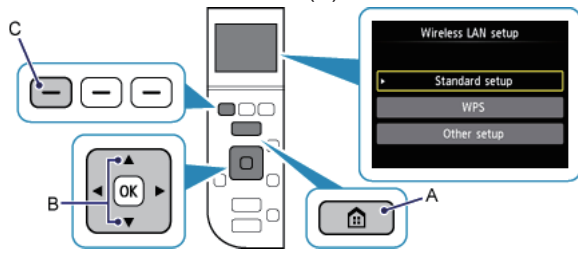
■ **Cannot connect. Connections are being attempted from multiple access points simultaneously.**

The screen appears when connections are being attempted from multiple access points simultaneously. Wait for a while, then configure WPS settings again. Press the WPS button on only one access point.

```
Network error
Cannot connect. Connections
are being attempted from
multiple access points
simultaneously.
Follow the steps below.
1. Wait a while (about 2
Select [OK].
```

■ **Failed to connect.**

The screen appears when an error occurs.
Check the access point settings, then configure WPS settings again.

```
Network error
Failed to connect.
Follow the steps below.
1. Restart the access point.
2. Try connecting again.
3. See the access point manual
and check the settings.
Select [OK].
```
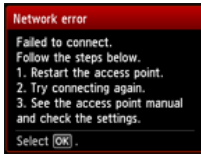
For details on how to check the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ **Timeout error.**

The screen appears when WPS setup was not completed within a specified time.
• Is the network device (router, etc.) turned on? If the network device is already turned on, turn it off, then turn it back on.

```
Network error
Timeout error.
Follow the steps below.
1. Redo the wireless LAN setup
in which you press and hold the
WPS button.
If the same error occurs, see the
Select [OK].
```

Advanced setup

■ **The Target Access Point is Not Detected**

- Is the network device (router, etc.) turned on? If the network device is already turned on, turn it off, then turn it back on.
- Check the access point name/network name and network password of your access point or router.
- Are the computer and network device configured?
- Are the access point and printer installed in an open space where wireless communications are possible?
- Is the access point operating in IEEE802.11n (2.4 GHz), IEEE802.11g or IEEE802.11b?

After checking the above points, press the left Function button (A) on the printer to search for the access point again.

If the problem is not resolved, there may be other causes.
See also the sections below:

- If SSID broadcast (connection via "ANY" SSID, etc.) is disabled or the stealth mode is enabled on the access point, enable SSID broadcast (connection via "ANY" SSID, etc.) or disable the stealth mode, then press the left Function button on the printer to search for the access point again.

- Select Directly enter the access point name in the Select access point screen. Wireless connection settings of the access point can be entered on the printer directly.

- If "WPA/WPA2 Enterprise" is set as the security protocol (encryption standard) on the access point, change the security protocol (encryption standard) and configure wireless connection settings again. "WPA/WPA2 Enterprise" is not supported on this printer.

- For details on how to change the security protocol (encryption standard) for the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ **Multiple access points with the same name exist. Do you want to use multiple access points?**

The message appears when multiple access points with the same name are found.

When you have only one access point:
Select Use one AccessPoint only, then press the OK button. Select the MAC address of the target access point on the displayed screen, then press the OK button.
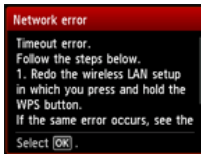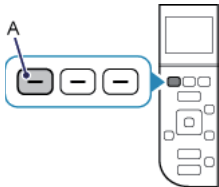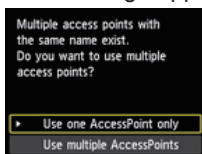

For details on how to check the MAC address of the access point, refer to the manual supplied with the access point or contact its manufacturer.

When using multiple access points:
Select Use multiple AccessPoints, then press the OK button.

■ An Unknown Access Point is Displayed

Access points in use nearby may also be detected.

■ The Access Point Name is Not Displayed Properly

Access point names with double-byte characters are not displayed properly. However, they can be selected.

■ The Access Point Name is Not Displayed Automatically

Refer to the manual supplied with the access point or contact its manufacturer.

WEP

Failed to connect to the access point.

Make sure that the WEP key entered for the access point is correct. In addition, when using WEP key number 2, 3 or 4 of the access point, set to use WEP key number 1, or select a WEP key number by entering wireless connection settings of the printer directly.

For details on how to change the WEP key number of the access point, refer to the manual supplied with the access point or contact its manufacturer.
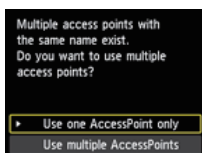
If the problem is not resolved, there may be other causes.
See also the sections below:

• If the DHCP function of the access point is inactive, enable the DHCP function and configure wireless connection settings again.

• For details on how to check or change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

• If using an access point that automatically creates WEP keys, check the WEP key (hexadecimal) created automatically on the access point, then enter it on the printer.

• For details on how to check the specifications of the access point, refer to the manual supplied with the access point or contact its manufacturer.

WLAN setting list

If the MAC address filtering is enabled on the access point, change settings so that the MAC address of the printer will be accepted.
Follow the procedure below to check the MAC address of the printer.
1. Press the HOME button.
2. Display Setup, then press the right Function button.
3. Select Device settings, then press the OK button.
4. Select LAN settings > Confirm LAN settings > WLAN setting list to check MAC address.

For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

Select Directly enter the access point name in the Select access point screen. Wireless connection settings of the access point can be entered on the printer directly.

The WEP Key is Not Displayed Automatically

Refer to the manual supplied with the access point or contact its manufacturer.

■ **The device may not be able to connect to the network in the following cases:**

If the DHCP function of the access point is inactive, enable the DHCP function or specify the IP address (IPv4 only) of the printer and configure wireless connection settings again. In addition, make sure that the selected WEP key number and entered WEP key are correct.
For details on how to check or change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.
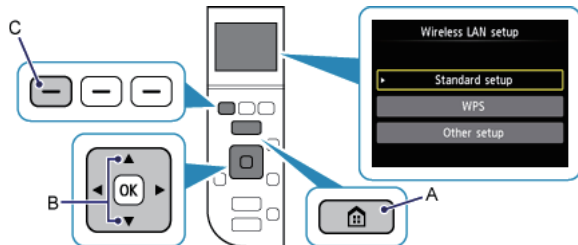To specify the IP address of the printer, follow the procedure below.
1. Display Setup in the HOME screen, then press the right Function button.
2. Select Device settings, then press the OK button.
3. Select LAN settings, then press the OK button.
4. Select Other setup, then press the OK button.
5. Select TCP/IP settings, then press the OK button.
6. Select IPv4, then press the OK button.
7. Select Yes, then press the OK button.
8. Select IP address, then press the OK button.
9. Select Manual setup, then press the OK button.
Follow the on-screen instructions to proceed with settings.
When the setup is complete, press the HOME button.

■ **To perform Advanced setup again**

1. Press the HOME button (A).

2. Use the ▲ or ▼ button (B) to display WLAN setup, then press the left Function button (C).

■ WPA/WPA2

■ Failed to connect to the access point.

Make sure that the passphrase entered for the access point is correct.

If the problem is not resolved, there may be other causes.
See also the sections below:

- If the DHCP function of the access point is inactive, enable the DHCP function and configure wireless connection settings again.

- For details on how to check or change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ WLAN setting list

If the MAC address filtering is enabled on the access point, change settings so that the MAC address of the printer will be accepted.
Follow the procedure below to check the MAC address of the printer.
1. Press the HOME button.
2. Display Setup, then press the right Function button.
3. Select Device settings, then press the OK button.
4. Select LAN settings > Confirm LAN settings > WLAN setting list to check MAC address.

For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

If the problem is not resolved, there may be other causes.
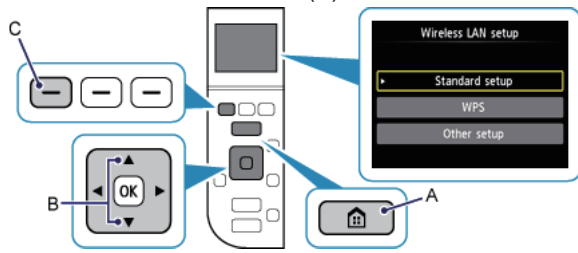**See also the sections below:**

- If the access point is configured to communicate using IEEE802.11n standard only and TKIP is set as the encryption standard, change the encryption standard to something other than TKIP or change the communication standard to something other than IEEE802.11n, then configure wireless connection settings again.

- If the encryption standard is set to TKIP, IEEE802.11n cannot be used as the communication standard.

- For details on how to change the settings of the access point, refer to the manual supplied with the access point or contact its manufacturer.

■ The Passphrase is Not Displayed Automatically

Refer to the manual supplied with the access point or contact its manufacturer.

■ To perform Advanced setup again

1. Press the HOME button (A).

2. Use the ▲ or ▼ button (B) to display WLAN setup, then press the left Function button (C).