

\* Image shown may differ from your TV.

\* Image shown on a PC or mobile phone may vary depending upon the Operating System (OS).

\* Please call LG Customer Service if you experience any problems.

## NETWORK SETTING

Premium Apps are pre-installed on the TV. These may vary by country.

1 Press the **SMART** button to access the Home menu. Select **SETTINGS** and press **Wheel (OK)**.



2 Select the **NETWORK** **Network Connection** menu.



3 Select the **Start Connection**.



4 The device automatically tries to connect to the available network (wired network first).



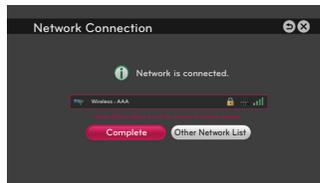
If you select **Cancel** or it fails to connect to the network, the available network list is displayed. Choose the network you wish to use.



For wireless AP (Router) that has the symbol, you need to enter the security key.

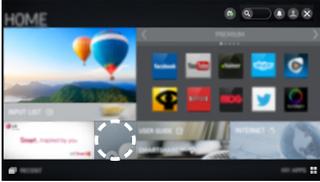


5 The connected network is displayed. Select **Complete** to confirm the network connection. If you select the **Other Network List**, the available network list is displayed again.



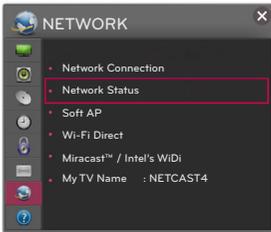
# Troubleshooting Network Problems

- 1 Press the **SMART**  button to access the Home menu. Select **SETTINGS** and press **Wheel (OK)**.



SETTINGS

- 2 Select the **NETWORK**  **Network Status** menu.



Follow the instructions below that match to your network status.

## Check the TV or the AP (Router).



### When an appears on TV, but an X on Gateway.

- 1 Check the connection status of the TV, AP (Router), and cable modem.
- 2 Power off and power on the TV, AP (Router), and cable modem.
- 3 If you are using a static IP, enter the IP directly.
- 4 Contact Internet provider or AP (Router) manufacturer.

- Additional points to check when using a wireless connection

  - 1 Check the password for the wireless connection in the router settings window.
  - 2 Change the router SSID (network name) or the wireless channel.

## Check the AP (Router) or consult your Internet service provider.



### When an appears on TV and Gateway, but an X on DNS.

- 1 Unplug the power cord of the AP (Router) or cable modem and try to connect after 5 seconds.
- 2 Initialize (Reset) the AP (Router) or cable modem.
- 3 Contact Internet provider or AP (Router) manufacturer.



### When an appears on TV, Gateway, and DNS, but an X on Internet.

- 1 Unplug the power cord of the AP (Router) or cable modem and try to connect after 5 seconds.
- 2 Initialize (Reset) the AP (Router) or cable modem.
- 3 Check that the MAC address of the TV/AP (Router) is registered with your Internet service provider. (The MAC address displayed on the right pane of the network status window should be registered with your Internet service provider.)
- 4 Check the AP (Router) manufacturer's website to make sure your router has the latest firmware version installed.

## SmartShare PC SW Installation and Setting

Install the **SmartShare PC SW** program on your PC.

- 1 Go to [www.lg.com](http://www.lg.com). Then, select your region.
- 2 Select **SUPPORT**. Then, search for your model.
- 3 Select **Drivers & Software** or **SOFTWARE UPDATE**. Then, select **SmartShare PC SW**.
- 4 You can run the program when installation is complete.

### NOTE

- Content Sharing service is only available if TV and other devices are connected via a single AP (Router).

## Content Sharing Connection to Smartphone

- 1 Check that Wi-Fi is enabled on your smartphone. To share contents, both devices must be on the same local network.
- 2 Install/run the app for sharing content on your smartphone (It's called **SmartShare** on LG phones).
- 3 Enable your smartphone to share content files with other devices.
- 4 Select the file type you want to play (movie, audio, or photo).
- 5 Select a movie, music or photo file to play on the TV.
- 6 Add the selected file to the playlist.
- 7 Select a TV model name on which to play the files. (The TV model name is on a label on the side of the TV and in the customer support menu.)
- 8 Play the media file to view and enjoy it on your TV.

## Updating the TV Firmware

SMART    **SETTINGS**  **SUPPORT**  **Software Update**

By default, the TV will notify you of new software updates.  
You can use the Software Update menu to manually check for available updates.

<b>Software Update</b>	Set it to <b>On</b> . When an updated file is detected, the file is downloaded automatically.
<b>Automatic Update Mode</b>	If an update is available, the update automatically starts without prompting.
<b>Check Update Version</b>	Checks the latest update version installed. When a new update is available, the download process can be performed manually.

## Wi-Fi Direct Setting

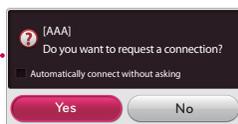
SMART    **SETTINGS**  **NETWORK**  **Wi-Fi Direct**

If a local network is not available, you can connect a portable device directly to the TV using **Wi-Fi Direct**.  
With SmartShare, you can share files or screens of devices connected to **Wi-Fi Direct**.

[Device Screen]



[TV Screen]



- 1 If **Wi-Fi Direct** is set to **On**, a list of available devices appears.
  - » To use **Wi-Fi Direct**, go to  **SETTINGS**  **NETWORK** and set **Wi-Fi Direct**  to **On**.
- 2 When you are prompted to request connection, select **Yes**. **Wi-Fi Direct** is now connected to your TV.

\* If you are not using **Wi-Fi Direct** to minimize the interference between Wi-Fi devices, it is recommended to set **Wi-Fi Direct**  to **Off**. You can use only devices that support **Wi-Fi Direct**.

# Miracast™ Setting

Miracast™ allows a portable device to send video and sound securely to the TV wirelessly.

[Device Screen]



- 1 **Miracast™** should be set to **On** (a) on your mobile device. And TV. Go to the Network settings to set the **Miracast™**.
- 2 When your TV or portable device is detected, select the device.

# WiDi (Wireless Display) Setting

Intel's WiDi (Wireless Display) technology enables easy and fast connection without wires or internet network for mirrored and dual monitor display on your TV. You can sit back and experience your favorite movies, videos, photos, online shows and more in full HD on your TV with great image clarity and sound.

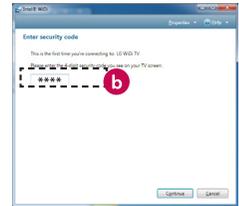
## NOTE

- When you connect the TV and laptop, you should set up TV mode for **Live TV** and **external input**. If not, your computer cannot detect your LG Smart TV.

- 1 Intel's WiDi is set to **On**. Connect your laptop to AP (Router). (Without AP, it is possible to use this function, but we recommend connecting to the AP.) Your laptop runs the Intel WiDi (📺) program.
- 2 It detects LG Smart TVs available, which supports WiDi. In the list, select the TV you want and click Connect. Enter the number (a) shown on the screen into the input field (b) on your laptop and then click Continue. (4-digit number, WiDi 3.1.29 and below. 8-digit number WiDi 3.5 and above.)



TV Screen



Notebook Screen

- 3 The laptop screen appears on the TV screen. The wireless environment may affect the screen display. If the connection is poor, the Intel WiDi connection may be lost.

\* LG TVs do not need to register.

\* TV sound setting for **Digital Sound Out** is set to **PCM**.

\* For more information on Intel WiDi, visit <http://intel.com/go/widi>.

\* On the **Intel's WiDi**, WiDi device is not searched. Close the **Intel's WiDi**, then search WiDi.

\* You can control your PC using the Magic Remote Control.

\* Intel's WiDi laptop does not appear in the Miracast™ / WiDi menu in TV network menu.