



Please read this manual carefully before operating your set and retain it for future reference.

www.lg.com

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- * Image shown may differ from your TV.
- * Image shown on a PC or mobile phone may vary depending on the Operating System (OS).
- * Depending on the version of the software, icon position can be changed.

Wireless Network Connection

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Wired Network Connection

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* For a stable Internet connection, it is recommended to use a wired connection or place the wireless router close to the TV.



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Wired router

Network Settings

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- 1 Press the ↑ (Home) button to access the Home menu. Select ⓒ (Settings) and press Wheel(OK).
- 2 Select the Network \rightarrow Wired Connection or Wi-Fi Connection.



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3 The device automatically tries to connect to the network available (wired network first). When you select the Wi-Fi Connection, the network list available is displayed. Choose the network you wish to use.



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

4 If the connection is completed, the **"Connected to Internet"** is displayed.



You can check the status of connection in **Advanced Settings.**





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Troubleshooting Network Problems

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 Press the
 (Home) button to access the Home menu. Select (Settings) and press Wheel(OK).



2 Select the Network \rightarrow Wired Connection or Wi-Fi Connection \rightarrow Advanced Settings.

Quick	NETWORK	Quick	WI-FI	
Picture (0): Sound	TV Name V LG Smart TV Wired Connection (Ethernet) Net Connection	Picture (05 Sound	√ WI-FI : AAA WI-FI : BBB WI-FI : CCC	(ř. (r. (ř.
Network Tet	Wi-Fi Connection Not Connected Wi-Fi Direct	→ (③) Network	WI-FI : DDD WI-FI : EEE	(;- (;-
General General Safety Accessibility	LG Connect Apps	General G Safety Accessibility	Add a hidden wireless network Connect via WPS PBC. Connect via WPS PIN. Advanced settings	

Follow the instructions below that correlate to your network status.

Check the TV or the AP (Router).



When X appears next to TV:

- One check the connection status of the TV, AP (Router) and cable modem.
- Power off and power on the TV, AP (Router) and cable modem.
- 6 If you are using a static IP, enter the IP directly.
- Ocntact internet service provider or AP (Router) companies.

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



When X appears next to Gateway:

- Unplug the power cord of the AP (Router), cable modem and try to connect after 5 seconds.
- 2 Initialize (Reset) the AP (Router) or cable modem.
- Ocntact internet service provider or AP (Router) companies.



When X appears next to DNS:

- Unplug the power cord of the AP (Router), cable modem and try to connect after 5 seconds.
- 2 Initialize (Reset) the AP (Router) or cable modem.

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- Otheck 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.)
- Oteck the AP (Router) manufacturer's website to make sure your router has the latest firmware version installed.

SmartShare PC SW Installing & Setting

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

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• SmartShare service is only available if TV and other devices are connected via a single AP (Router).

SmartShare Connection to Smartphone



- 1 Check that Wi-Fi is enabled on your smartphone. To use **SmartShare**, both devices must 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 Open SmartShare application. \uparrow (Home) \rightarrow SmartShare.
- 5 Select the file type you want to play (movie, audio or photo).
- 6 Select a movie, music or photo file to play on the TV.
- 7 Play the media file to view and enjoy it on your TV.

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* If the TV is turned on for the first time after software update, initialization of the TV may take up to one minute.

ightarrow (Home) ightarrow (Settings) ightarrow (ightarrow General ightarrow About This TV ightarrow CHECK FOR UPDATES

After checking the version of the software, update it.

If you check the "Allow Automatic Updates", you can update the software automatically.



Wi-Fi Direct Setting

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\uparrow (Home) \rightarrow \bigcirc (Settings) \rightarrow \bigcirc Network \rightarrow 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**.

1 If Wi-Fi Direct is set to ON, a list of available devices appears.



- 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 only use devices that support Wi-Fi Direct.

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Miracast Setting

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

\uparrow (Home) \rightarrow Screen Share

- 1 Miracast should be set to "ON" on your portable device.
- 2 When your TV is detected, select the device on your portable device. When connection is completed, the TV screen appears on the device screen.

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.

\uparrow (Home) \rightarrow Screen Share

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- 1 Intel's WiDi is set to **On**. Connect your laptop to AP (Router). (Without AP, it is possible to use this function; it is recommended to connect to 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 shown on the screen into the input field (a) on your laptop and then click **Continue**.



Notebook Screen

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

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- * LG TVs do not need to register.
- * For more information on Intel WiDi, visit 'http://intel.com/go/widi'.
- * You can control your PC using the Magic Remote. (above WiDi version 4.2)

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Please call LG Customer Service if you experience any problems.