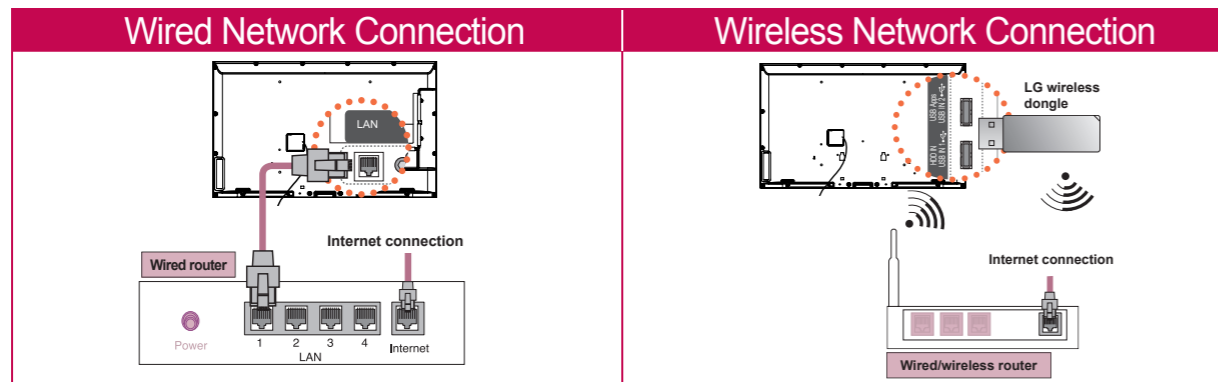


# LG SMART TV NETWORK (INTERNET CONNECTION) SETTINGS

(Image shown may differ from your TV.)

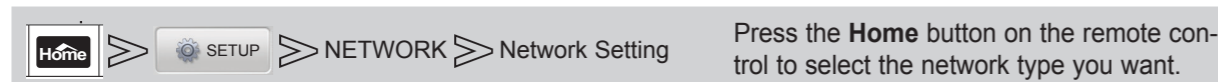
## 1 CONNECTING TO A WIRED/WIRELESS NETWORK



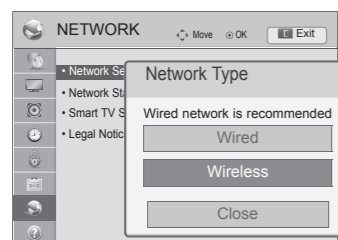
- 1 Wireless network connection: If your model does not have Wi-Fi built-in, you will need an LG wireless dongle. (Read the Owner's Manual to find out your TV's Wi-Fi capability.)
- 2 If you have an operational wall-mounted Internet connector, you can connect it directly to your TV via a LAN cable, without using a router. (Using DLNA or Media Links will require a wired/wireless router.)

## 2 CONFIGURING A TV NETWORK (WIRED/WIRELESS CONNECTION)

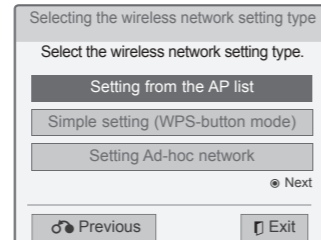
(For wired connection, follow steps A→E→F.)



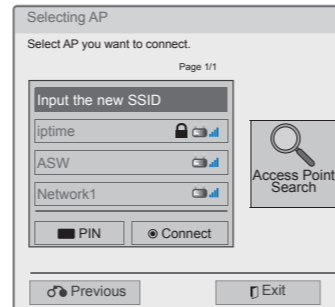
A. Select either **Wired** or **Wireless** to set the network type.



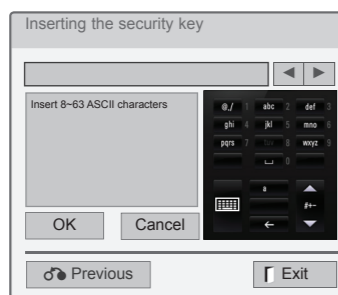
B. When you choose to use a wireless network, select **Setting from the AP list**.



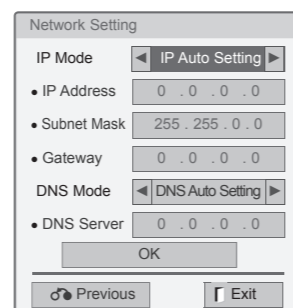
C. Select the wireless router to connect to.



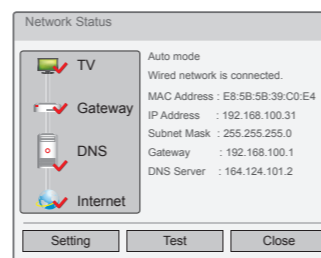
D. For wireless routers that have the **lock** symbol, you need to enter the security key.



E. IP and DNS addresses are automatically configured for home users. If you have not changed any router settings, just press the enter button twice.

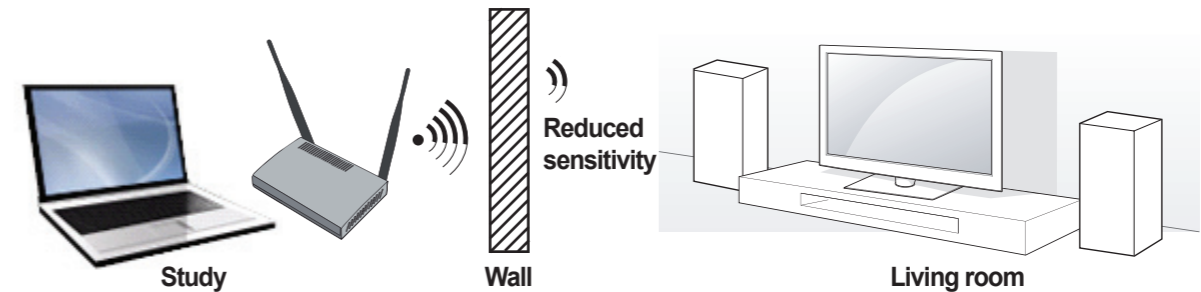


F. The **checkmark** symbols indicate that the network is connected properly at each step.



## 3 IMPROVING WIRELESS RECEPTION

- 1 Change the router's wireless channel or check that the security option is enabled. If the security option is disabled, the network can be interrupted by other devices resulting in decreased speed. (See the router manufacturer's website to find out how to change the router channel and enable security settings.)
- 2 Check that the wireless signal is not receiving interference. Keep the router and the TV close to each other.

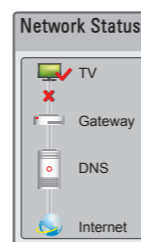


- 3 You can increase the network sensitivity further by positioning the wireless dongle closer to the router using a USB extension cable (sold separately).

## 4 TROUBLESHOOTING NETWORK PROBLEMS

Follow the instructions below that correlate to your network status.

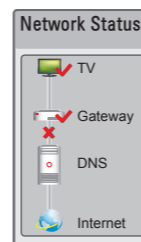
### Check the TV or the router.



When an **X** appears between TV and Gateway.

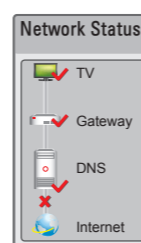
- 1 Check the cable connection between the TV and the wired/wireless router.
  - 2 Reset the power for both the TV and the router/cable modem.
  - 3 If you use a fixed IP address and choose to set the IP address automatically, an **X** will appear between TV and Gateway.
  - 4 If you are not using a router, consult your Internet service provider for service.
- <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 router or consult your Internet service provider.



When an **X** appears between Gateway and DNS.

- 1 Check the router/cable modem.
  - Unplug the router/cable modem, then plug it back in after 5 seconds.
  - Press the Reset button on the router/cable modem.
- 2 If you are not using a router, consult your Internet service provider.



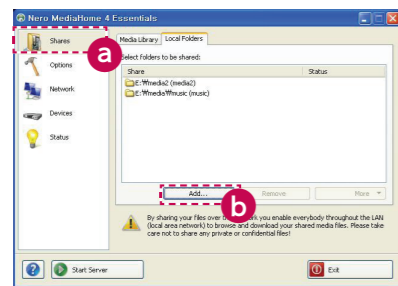
When an **X** appears between DNS and Internet.

- 1 Unplug the router/cable modem, then plug it back in after 5 seconds.
- 2 Press the Reset button on the router/cable modem.
- 3 Check that the MAC address of the TV/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 router manufacturer's website to make sure your router has the latest firmware version installed.

# USING LG SMART TV'S SMART SHARE FUNCTION

(Image shown may differ from your TV.)

## 1 ENJOY MOVIES, MUSIC AND PICTURES FROM YOUR PC ON YOUR TV (DLNA CONNECTION TO PC)



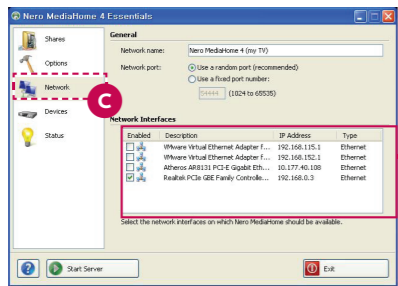
1 To use the LG Smart TV DLNA function, you must have a DLNA server on your network. Nero Media Home 4 for Windows is included with the TV on a CD. (Read the Owner's Manual to find out the system requirements.)

2 Start Nero Media Home 4 and enable shared folders on your PC.  
 a Click the **Share** button.  
 b Click the **Add** button and select the desired folder. (Read the Owner's Manual to find out which file formats support the DLNA function.)

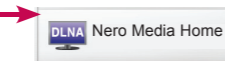
3 Make sure that the PC network device is selected.

Enabled	Description	IP Address	Type
<input type="checkbox"/>	VMware Virtual Ethernet Adapter f...	192.168.115.1	Ethernet
<input type="checkbox"/>	VMware Virtual Ethernet Adapter f...	192.168.152.1	Ethernet
<input type="checkbox"/>	Atheros AR8131 PCI-E Gigabit Eth...	10.177.40.108	Ethernet
<input checked="" type="checkbox"/>	Realtek PCIe GBE Family Controlle...	192.168.0.3	Ethernet

c Click the **Network** button and check that the correct PC network device is selected. (At least one network device must be selected.)



4 You can view and enjoy shared content by using the TV's Smart Share function.

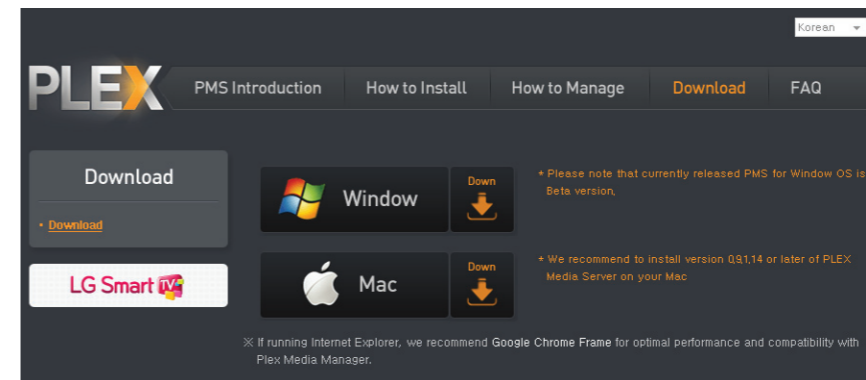


d Select **Nero Media Home** on the TV's Smart Share Card to enjoy content from your PC.

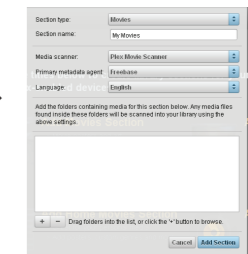
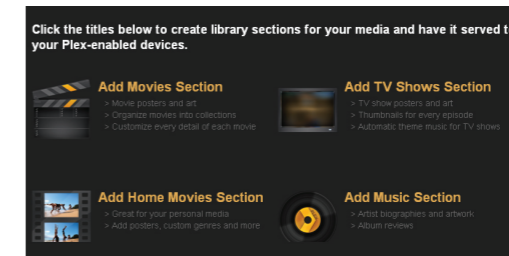
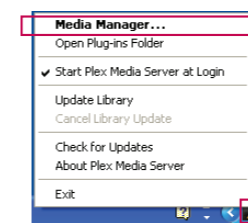


## 3 USING MEDIA LINK

1 Install the Plex Media Server programme on your PC. These instructions only refer to the Windows version. Go to [www.plexapp.com/medialink](http://www.plexapp.com/medialink) and click the **Download** tab. Then, select your operating system to install the appropriate file. You can run the programme when installation is complete.



2 After installing the programme, right-click the Plex icon on your PC's taskbar. Click **Media Manager...** and select the files you want.



3 If you select and share a folder for each section successfully, related information is retrieved from the Internet. After connecting the PC and the TV to the same router, select the media link from the Smart Share Card to view and enjoy the shared files on your TV. For more information on file sharing, visit [www.plexapp.com/medialink](http://www.plexapp.com/medialink).

## 2 ENJOY YOUR SMARTPHONE'S MOVIES, MUSIC AND PICTURES ON YOUR TV (DLNA CONNECTION TO SMARTPHONE)

1 Check that Wi-Fi is enabled on your smartphone.



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 labelled on the rear side of the panel.)

8 Play the media file to view and enjoy it on your TV.

## 4 TROUBLESHOOTING SMART SHARE PROBLEMS

Check the firewall settings if there is a problem with Media Link.

When you run the Plex Media Server programme on your PC for the first time, the firewall programme will ask you whether to block the programme. You must select **Unlock**.

\* If you do not select **Unlock**, you can change this option on the Control Panel later. (Go to Start → Settings → Control Panel → Windows Firewall → Exceptions and select the **Plex Media** and **Python** tick boxes.)

Check the network connection.

Check the TV and PC router connection again. Your TV and PC must be connected to the same router (on the same network) to use DLNA or Media Link.

Check the firmware version installed on your router.

Even if your TV and PC are connected to the same router, the devices may not be recognised if the router software version is not up to date.

Please update your router firmware. (Ensure that the router supports multicasting.)

Check the programme status.

If you do not see the Plex icon on your PC's taskbar, start the Plex Media Server programme.

If you do not see the Nero Media Home icon on your PC's taskbar, start the Nero Media Home programme.