

MX HOMEPRO

LG IP CONTROL



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MXHomePro™

Overview:

This module provides one-way control of compatible LG Televisions over IP and these can be used in custom macro integration.

A hardwired Ethernet connection is recommended; however, it is possible to use the device's Wi-Fi connection for control.

An Internet connection is required for the initial launch of this module.

Supported Models:

All 2018 LG UHD TVs are supported.

Requirements:

There are settings within the LG Television that must be properly configured:

- Enable **Network IP Control**
- Enable **Wake on LAN**
(Please see user's manual for information on how to configure above)

Other requirements to take note of:

- Television's **wired or wireless MAC address**
- Static IP address recommended
- **LG Factory Remote** (only required for initial configuration)



Preparation:

Prior to programming the LG television assure to perform the following to the display:

1. Open the TV's **Settings Menu**.
2. **Highlight** the "**Network**" icon in the Settings Menu tree view.
Do not select the "Network" icon or move the navigation cursor to the right.
3. Using the supplied LG remote enter the following:

- **Firmware Version lower than v04.10.01:** enter **82888**
- **Firmware Version greater than v04.10.01:** enter **73777**

The firmware version can be located by the following menu path:

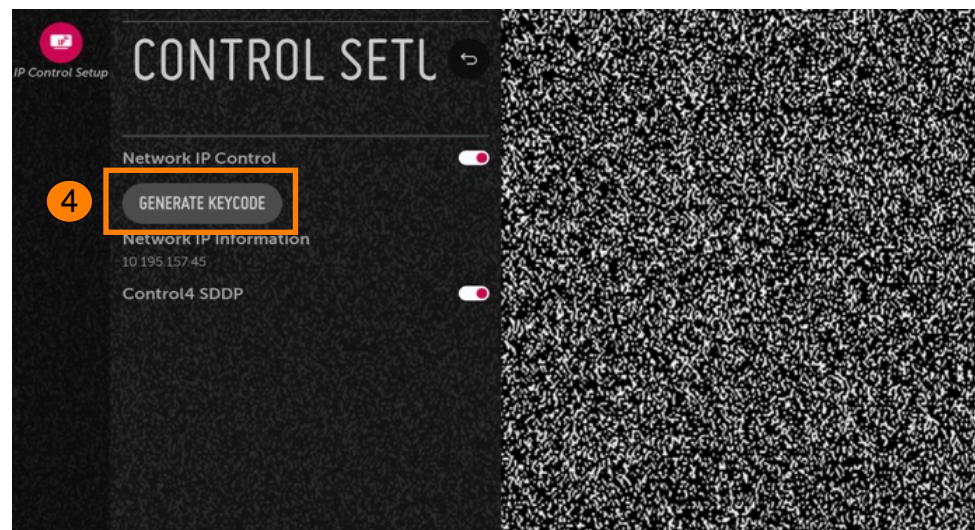
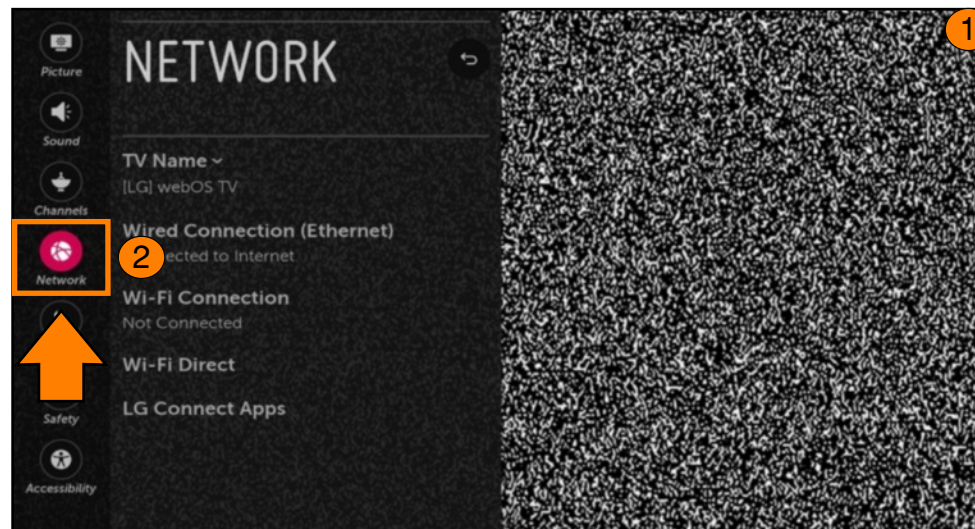
Settings→ General→ About TV

This displays the **IP Control Configuration Menu**.

4. Assure that the following settings are also configured:
 - **Control4 SDDP:** Set to Manual
 - **Network IP Control:** Set to Manual
 - **Wake on LAN (WoL):** Set to Manual
5. Select **GENERATE KEYCODE**.

This creates a keycode that is required later in the MX HomePro Editor. Write Keycode down and continue reading to the next section.

Obtaining this Keycode is also required when replacing the television or in any situation that requires a keycode reset. For details please refer to [page 4](#).






MX HomePro Programming:

Follow these steps to add the module to the MX HomePro system:


1. From the Programming Menu, select "**Add two way devices to the system**"
2. Use the drop-down menu and select "**LG IPTV**" and select **Next**



You are programming: Living Room

-  Add a remote to the room 
-  Add Entertainment devices to the system 
-  Setup volume control for devices 
-  Add an additional controller 
-  **Add two way devices to the system** 
-  Program a different room 

Two Way Device Type

Select the device type to control.

LG IPTV 

3. **Enter a name for the device** (i.e. "IP TV"), this label appears on the user interface (remotes/mobile app), and select **Next**

4. **Enter the device's MAC address** and select **Next**
5. **Enter the Keycode** retrieved from the LG Television, for further instruction please turn back to [page 2](#).

3

Two Way Device Name

Enter a name for the device which will appear on the remote control.

Enter a name for the device:

◀ Back
Next ▶

4

5

Two Way Device Identification

This device has additional parameter information which may need to be filled out below.

Parameters marked with * are required.

Labeled: **IP TV**

Model: **LG IPTV**

* Enter MAC Address (required):

* Enter Keycode (required):

◀ Back
Next ▶

6. Choose to use or not use the Favorite Channels module and select **Next**

6. Select **Finish** to complete adding the module

6

IP TV Favorite Channels

Would you like to add Favorite Channels to this device? This will add the option to open a customizable list of channels and guide information to this device when using the remote control.

☒ Use Favorite Channels
 ☐ Do not use Favorite Channels on this device

◀ Back
Next ▶

Two Way Device

The device will be added to the remote control. There may be additional settings required on the remote after download.

Labeled: **IP TV**

Model: **LG IPTV**

◀ Back
Finish ▶

6

Adding Commands to Automated Activities:

Although this device is added as a "two-way" device, it functions similar to any one-way IP controlled device. When programming Automated Activities (macros), the LG IPTV functions can be found using the available "**Device**" drop-down menu. Functions can be added to any Automated Activity with the usage of the "**Commands**" drop-down menu.

Edit your Cable automated activity

Automated Activity Steps

Add delay

Add jump to

Test

Delete all steps

◀ Back

Next ▶

Select device and command

Device

IP TV

Commands

Power On

Power Off

Vol+

Vol-

MUTE

Return

CH+

CH-

Play

Stop

Pause

Rew

FF

Home

Menu

Exit

Left

Right

Up

Locating the Device in the Home Overview

The LG device **does not** display under the "Two way devices" section of the Home Overview. Instead, locate the device by looking the list of one-way devices that have been added to the system (see image below).

Jennifer's House Overview

Living Room

+ Show controllers for Living Room

Blu-Ray/DVD Samsung | Code# 4560

Cable Samsung | Code# 8878

Apple TV Apple | Code# 3935

Roku Roku | [Roku 2]

Cable 2 Comcast | Code# 4406

Receiver 2 Denon | AMP-AVC-3800

IP Receiver Onkyo | TX-NR656 [Main]

Audio Yamaha | RX-V779 [Main]

IP TV | IPTV