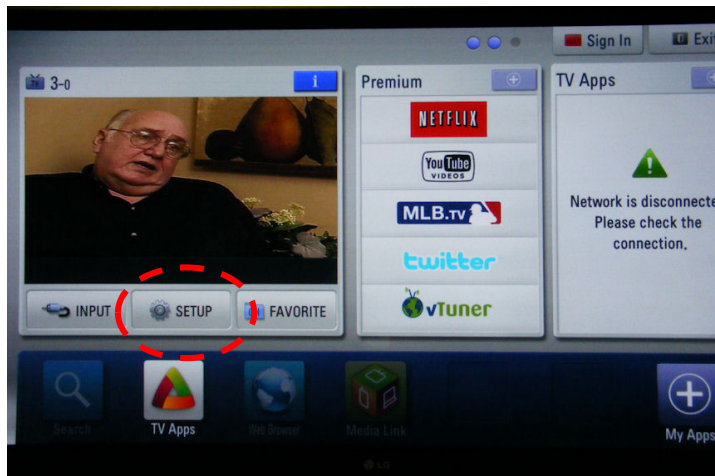


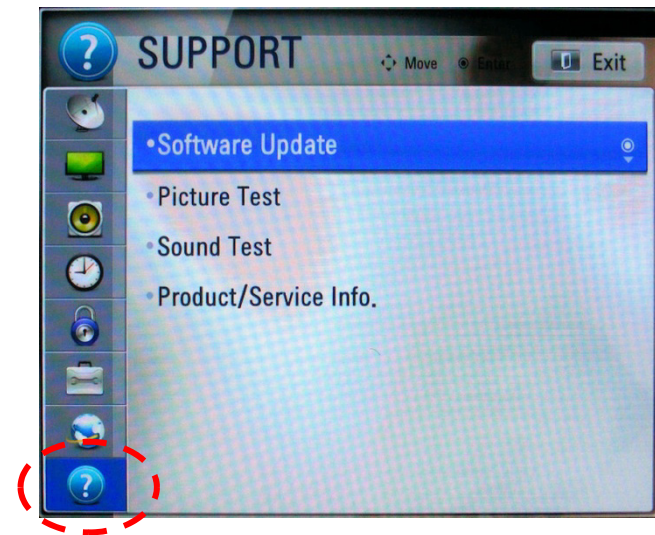
Software Updates (New and Changed Functions)

A wireless Internet Connection will work for Automatic Software Downloads, however if there are problems completing download, a Wired Internet Connection is preferred

Bring up the Customer's Menu then cursor down 2 times, (Input) will be highlighted. Cursor right to highlight (SETUP). Press "ENTER" on the Remote.



Scroll down to highlight the "?" mark (SUPPORT). Cursor right to highlight "Software Update", Press "ENTER" on Remote

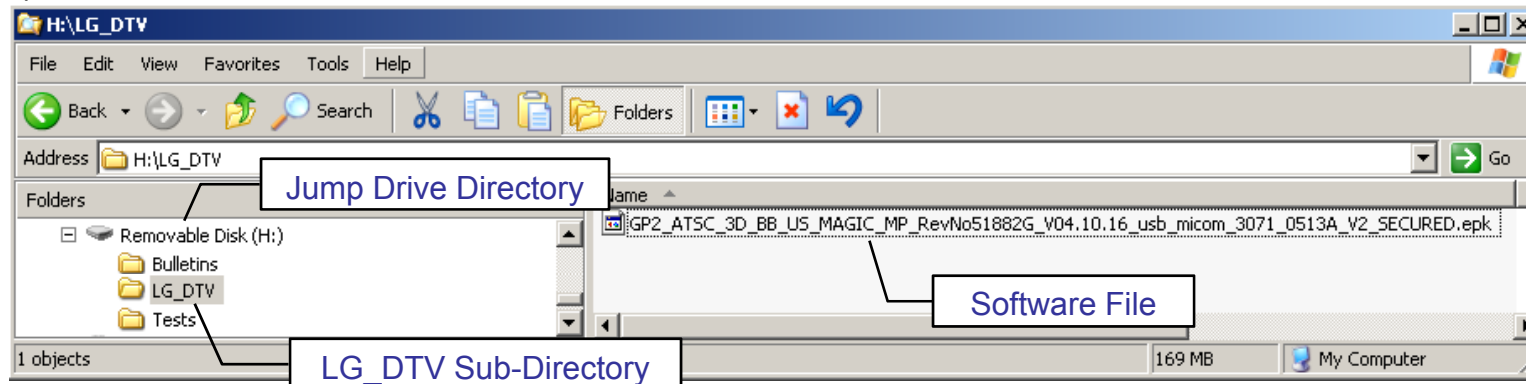



Highlight "Check Update Version" to see if an update is available. Scroll up to highlight "ON" and cursor right to turn off automatic Software Update.

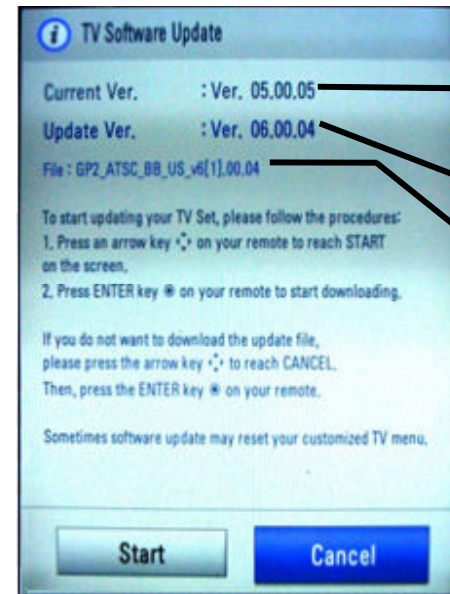


Generic Plasma USB Automatic Software Download Instructions

1) Download the Software File.



- 2) Copy new software (xxx.epk) to "LG_DTV" folder. Make sure to have correct software file.
- 3) With TV turned on, insert USB flash drive.
- 4) The "TV Software Upgrade" screen appears. (See figure to right) 
- 5) Cursor left and highlight "START" Button and push "Enter" button using the remote control.
- 6) You can see the download progress Bar.
- 7) Do not unplug until unit has automatically restarted.
- 8) When download is completed, you will see "COMPLETE".
- 9) Your TV will be restarted automatically.



- Currently Installed Version
- Software Version found on the USB Flash Drive
- File found on the USB Flash Drive

*** CAUTION:**
Do not remove AC power or the USB Flash Drive. Do not turn off Power, during the upgrade process.

Highlight Start Press Select

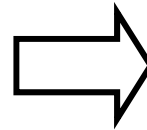
Software Files are now available from
LGTechassist.com

Manual Software Download:

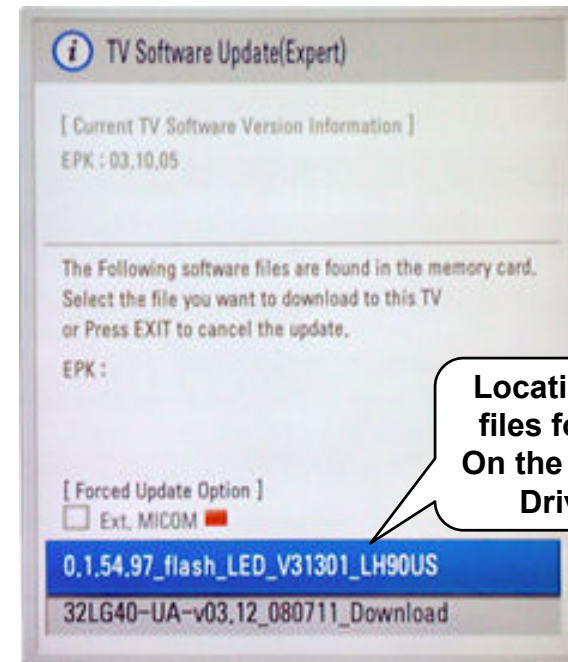
Prepare the Jump Drive as described in the “USB Automatic Download” section and insert it into either of the USB ports. Bring up the Customer’s Menu then cursor down 2 times, (Input) will be highlighted. Cursor right to highlight (SETUP). Press “ENTER” on the Remote. Scroll to “OPTIONS”, (Nothing should be highlighted on the right side). Press the “FAV” key 7 times to bring up the first screen for Manual Download Screen (Expert Mode).



Press the “FAV”
key 7 times



3



File shown is not correct for this model.

4

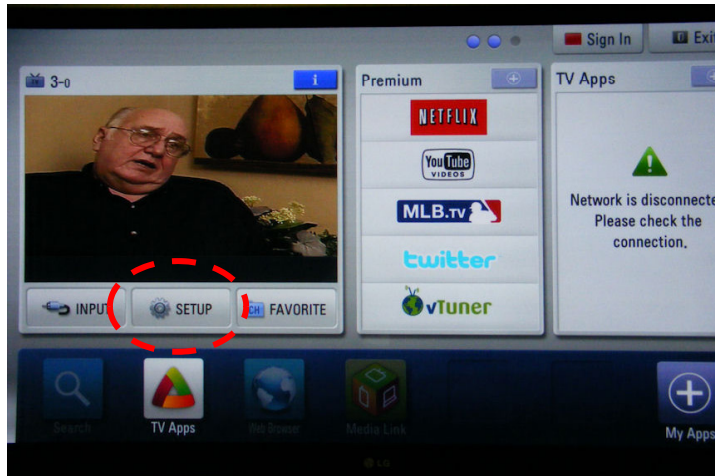
Highlight the Software update file which will appear at the bottom of the screen. (Scroll down if more than one file is on the jump drive). Press “SELECT” to begin the download process.

WARNING:

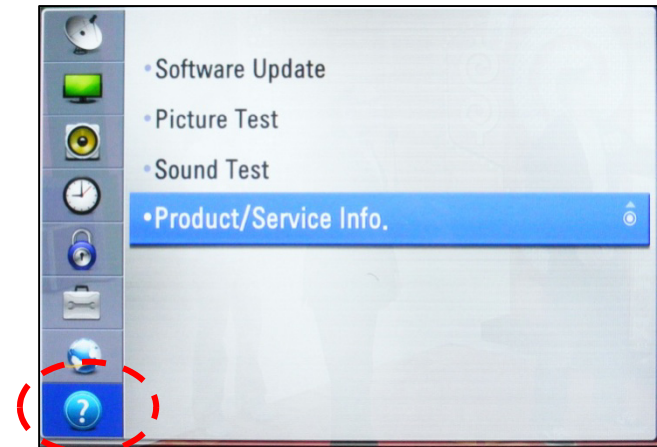
Use extreme Caution when using the Manual “Forced” Download Menu. Any file can be downloaded when selected and June cause the Main board to become inoperative if the incorrect file was selected.

Product and Service Info. Menu

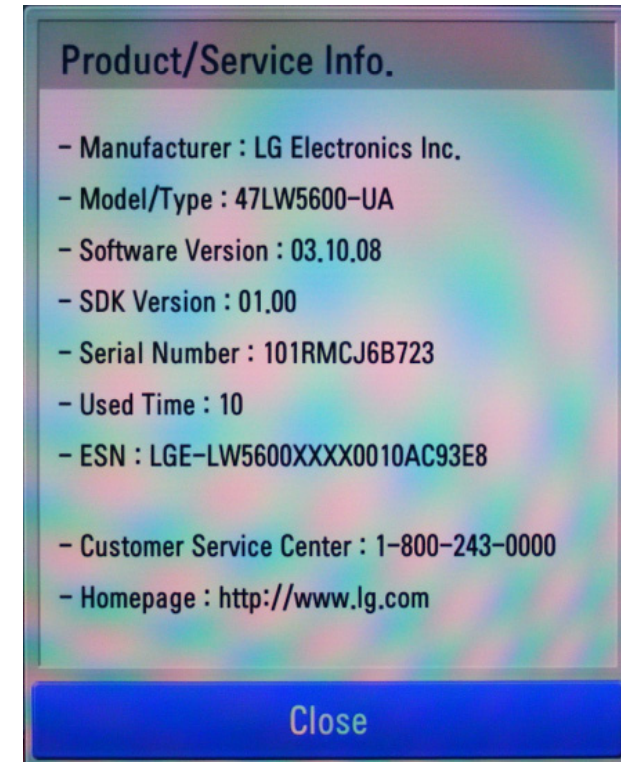
1) Bring up the Customer's Menu then cursor down 2 times, (Input) will be highlighted. Cursor right to highlight (SETUP). Press "ENTER" on the Remote.



2) Scroll down to highlight the "?" mark (SUPPORT). Cursor right and scroll down to highlight "Product/Service Info", Press "ENTER" on Remote



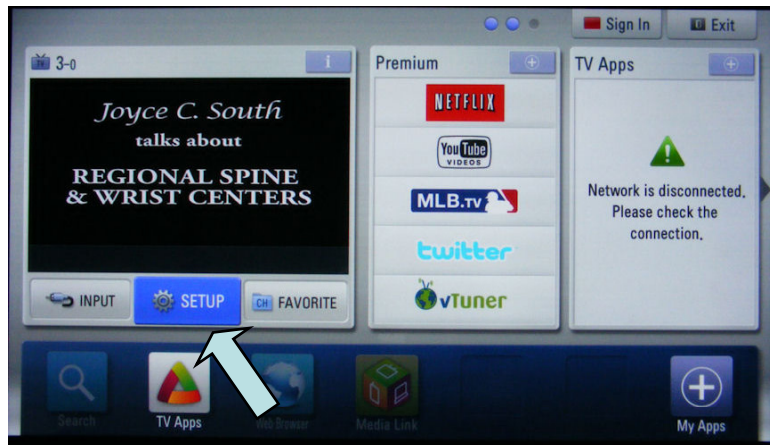
3) Information for Customer Support appears.
Note: Model Number does not include suffix.



Accessing the Host Diagnostic Screen (Page 1 of 2)

Use the Host Diagnostic screen to investigate the signal quality of a problem channel.

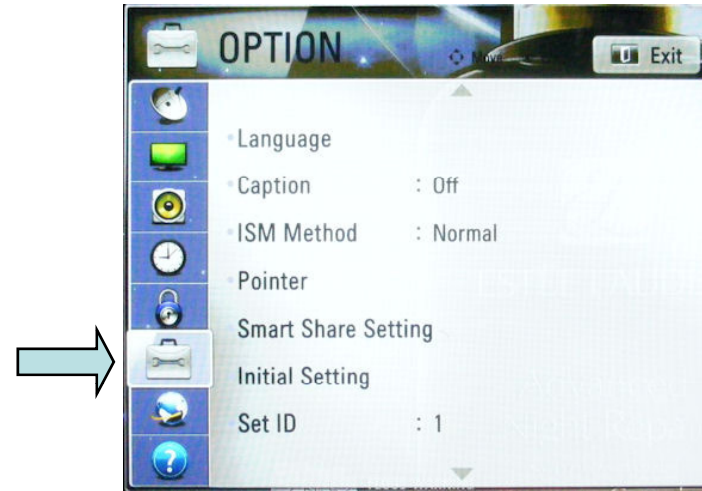
- 1) Place Television on the digital channel that June be showing problems.
- 2) Bring up the Customer's Menu. Cursor down two times and right once to highlight "Setup". Press "Enter" on the remote.



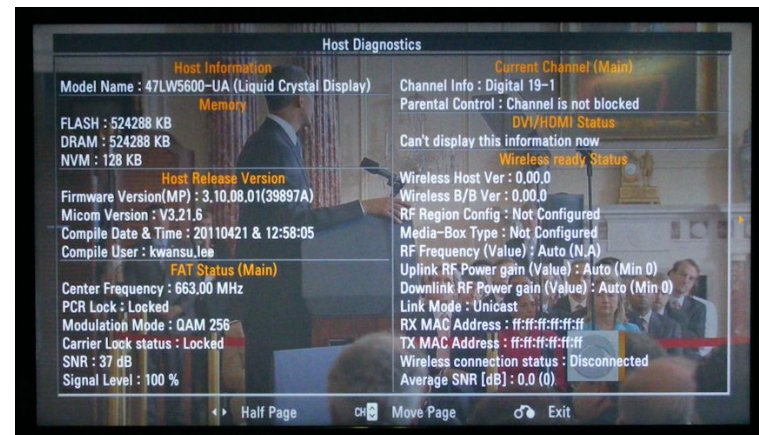
- 3) The "Setup" Menu appears.



- 4) Scroll down and highlight "Options".



- 5) Press the (1) Key 5 times.
The Host Diagnostics screen appears.



See next page for more details.

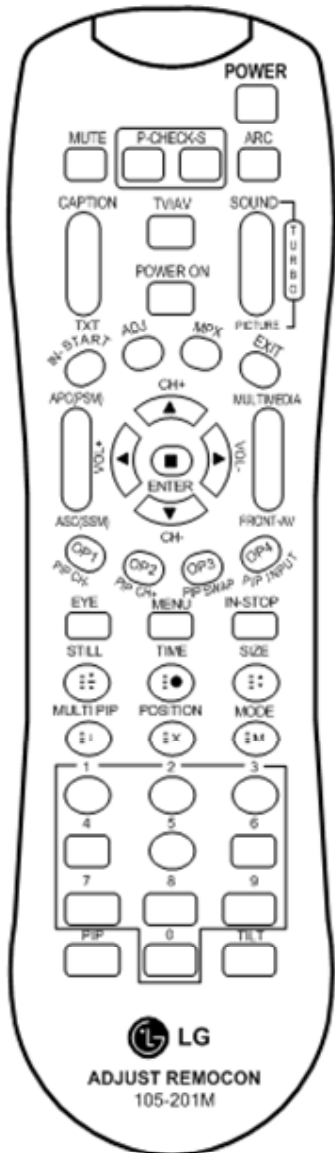
42LW5600 Understanding the Host Diagnostic Screen (Page 2 of 2)

Host Diagnostics

<p style="text-align: center; color: #e67e22;">Host Information</p> <p>Model Name : 42LV5500-UA (Liquid Crystal Display)</p> <hr/> <p style="text-align: center; color: #e67e22;">Memory</p> <p>FLASH : 524288 KB DRAM : 524288 KB NVM : 128 KB</p> <hr/> <p style="text-align: center; color: #e67e22;">Host Release Version</p> <p>Firmware Version(MP) : 3.01.15.01(31010) Software Version Micom Version : V3.21.6 Compile Date & Time : 20110127 & 08:45:52 Compile User : tu.ryu</p> <hr/> <p style="text-align: center; color: #e67e22;">FAT Status (Main)</p> <p>Center Frequency : 663.00 MHz Channel Frequency PCR lock : Locked Program Clock Reference (Locked or No) Modulation mode : QAM 256 Channel Type (8VSB, QAM 64, 256) Carrier lock status : Locked Channel (Locked or Unlocked) SNR : 37 dB Channel Signal to Noise Ratio Signal level : 100% Channel Signal Level (Above 80% good)</p>	<p style="text-align: center; color: #e67e22;">Channel Selected</p> <p style="text-align: center; color: #e67e22;">Current Channel (Main)</p> <p>Channel Info : Digital 19-1 Blocked or Not Blocked Parental Control : Channel is not blocked</p> <hr/> <p style="text-align: center; color: #e67e22;">DVI/HDMI Status</p> <p>Can't display this information now</p> <hr/> <p style="text-align: center; color: #e67e22;">Wireless ready Status</p> <p>Wireless Host Ver:0.00.0 Wireless B/B Ver:0.00.0 RF Region Config : Not Configured Media Box Type : Not Configured RF Frequency (Value):Auto (N.A.) Uplink RF Power gain (Value):Auto (Min 0) Downlink RF Power gain (Value):Auto:Auto (Min 0) Link Mode : Unicast RX MAC Address : ff:ff:ff:ff:ff:ff TX MAC Address : ff:ff:ff:ff:ff:ff Wireless connection status : Disconnected Average</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; color: #e67e22;">8VSB (Above 20 is good) QAM 64 (Above 24 is good) QAM 256 (Above 30 is good)</p> </div>
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◀▶ Half Page
 CH
 Move Page
 🔄 Exit

Accessing the Service Menu



105-201M

To access the Service Menu.

- 1) You must have either Service Remote. p/n 105-201M or p/n MKJ39170828
- 2) Press “In-Start”
- 3) A Password screen appears.
- 4) Enter the Password.

Note: A Password is required to enter the Service Menu. Enter; **0000**

Note: If **0000** does not work use **0413**.



MKJ39170828

47LW5600 Service Menu First Page

Bring up the Service Menu using the Service Remote
And pressing "In-Start" enter password 0413.

IN START	Model and S/N	Adjust Check	Country Group
Model Name: 47LW5600-UA	1. Adjust Check	1. Country Group (Press OK to Save)	
Serial Number: 101RMCJ6B723	2. ADC Data	Country Group Code	02
S/W Version: : 03.11.04.01	3. Power Off Status	Country Group	US
MICOM Version : 3.21.6	4. System 1	Country	US
BOOT Version : 1.02.51	5. System 2	2. Tool Option	
FRC Version : 21.00	6. Model Number D/L	Tool Option 1	33176
IR LED Version : a2.0	7. Test Option	Tool Option 2	4161
EDID (RGB/HDMI) : 0.03/0.02	8. External ADC	Tool Option 3	7295
Chip Type : BCM 35230	9. Spread Spectrum	Tool Option 4	21897
Wireless Host Ver. : 0.00.0	10. Sync Level	Tool Option 5	14925
Wireless B/B/ Ver. : 0.00.0	11. Wireless Ready	Tool Option 6	667
Vi-Fi Version : 1.0	12. Stable Count	3. Adjust White Balance:	OK(12)
Vi-Fi Channel : 0	13. ODC Test	4. Adjust ADC:	OK(Manual)
Wi-Fi MAC : 00:00:00:00:00:00	14. Local Dimming	480i Component	OK
MAC Address : E8:5B:5B:30:31:7F	15. SDP Server Selection	1080p Component	OK
Widevine : LGTV10L000024476	16. Network Error History	RGB	OK
ESN Num. : LGE-LV5600XXXX0010AC93E8		5. EDID(PCM):	OK
Formatter Version : 21.00		RGB	OK (0x98)
RF Receiver Version : VB091		HDMI1	OK (0x7f,0x6F)
Debug Status : RELEASE		HDMI2	OK (0x7f,0x5F)
		HDMI3	OK (0x7f,0x4F)
		HDMI4	OK (0x7f,0x3F)
UTT : 12			
APP History Ver.:47769E			
PQL DB:LGD_ELF_SANYO_XXXXXX			

47LW5600 Model Number Download Screen

When the Main Board is replaced, the Model Number and Serial Number must be corrected. Follow these instructions

Bring up the Service Menu using the Service Remote. Scroll down to item 6. Model Number D/L to highlight. Press "ENTER" or "Cursor Right".

IN SART	IN SART	Model Number D/L
Model Name: 47LW5600-UA Serial Number: 101RMCJ6B723 S/W Version: : 03.11.04.01 MICOM Version : 3.21.6 BOOT Version : 1.02.51 FRC Version : 21.0 IR LED Version : a2.0 EDID (RGB/HDMI) : 0.03/0.02 Chip Type : BCM 35230 Wireless Host Ver. : 0.00.0 Wireless B/B/ Ver. : 0.00.0 Vi-Fi Version : 1.0 Vi-Fi Channel : 0 Wi-Fi MAC : 00:00:00:00:00:00 MAC Address : E8:5B:5B:30:31:7F Widevine : LGTV10L000024476 ESN Num. : LGE-LV5600XXXX0010AC93E8 Formatter Version : 21.00 RF Receiver Version : VB091 Debug Status : RELEASE UTT : 12 APP History Ver.:47769E PQL DB:LGD_ELF_SANYO_XXXXXX	1. Adjust Check 2. ADC Data 3. Power Off Status 4. System 1 5. System 2 6. Model Number D/L 7. Test Option 8. External ADC 9. Spread Spectrum 10. Sync Level 11. Wireless Ready 12. Stable Count 13. ODC Test 14. Local Dimming 15. SDP Server Selection 16. Network Error History	0. Model Name 47LW5600-UA 1. Serial Num. 101RMCJ6B723 Press OK to Save

Select Item 6

To Change the Model Number

- 1) Use the cursor right or left to select the area to change.
- 2) Use the cursor up or down to change.
- 3) Cursor right until there is no text cursor blinking.
- 4) Cursor down to highlight "Serial Number" and change.
- 5) Press "ENTER" to Save

47LW5600 UTT Reset (IN START) Screen

IN START		SYSTEM 1	
Model Name: 47LW5600-UA		0. Baudrate	38400
Serial Number: 101RMCJ6B723		1. 2 Hours Off (On Timer)	On
S/W Version: : 03.11.04.01		2. 2 Hours Off (Screen Mute)	Off
MICOM Version : 3.21.6		3. 15Min Force Off	On
BOOT Version : 1.02.51		4. Audio EQ	On
FRC Version : 21.00		5. Dynamic EQ	On
IR LED Version : a2.0		6. A2 Threshold	11
EDID (RGB/HDMI) : 0.03/0.02		7. HDMI Sound(Port1)	HDMI Port1
Chip Type : BCM 35230		8. Lip Sync Adjust(DTV)	0
Wireless Host Ver. : 0.00.0		9. Dimming	On
Wireless B/B/ Ver. : 0.00.0		10. Tuner Option	Enhanced Ghost
Vi-Fi Version : 1.0		11. Atten RF Signal	Off
Vi-Fi Channel : 0		12. UTT Reset	Reset
Wi-Fi MAC : 00:00:00:00:00:00		13. Channel Mute	On
MAC Address : E8:5B:5B:30:31:7F		14. Debug Status	RELEASE
Widevine : LGTV10L000024476		15. NVRAM Type	EEPROM
ESN Num. : LGE-LV5600XXXX0010AC93E8		16. HDEV	Off
Formatter Version : 21.00		17. Blue back	On
RF Receiver Version : VB091		18. China Cable SO	On
Debug Status : RELEASE		19. Booster On (VHF)	0
	Unit's Total Time	20. Booster Off (VHF)	0
UTT : 12		21. Booster On (UHF)	0
APP History Ver.:47769E		22. Booster Off (UHF)	0
PQL DB:LGD_ELF_SANYO_XXXXXX		23. Auto ADC	Off

Changes to "Doing"

Note: After UTT is reset, the UTT time on the left will not reset to "0" until the Service Menu is exited.

Scroll to (System 1) then Right Cursor

Scroll to (UTT Reset) Press (Select) Reset changes to Doing then back to Reset

After Reset (Doing) has completed, Reset returns. After Exit the UTT Timer is "0"

Service Menu: Downloading EDID Data

1) Press “ADJ” key.

EZ ADJUST	
0. Tool Option1	
1. Tool Option2	
2. Tool Option3	
3. Tool Option4	
4. Tool Option5	
5. Tool Option6	
6. Country Group	
7. ADC Calibration	
8. White Balance	
9. 10 Point WB	
10. Test Pattern	
11. PCM EDID D/L	
12. AC3 EDID D/L	
13. Sub B/C	
14. Touch Sensitivity Setting	
15. Ext. Input Adjust	

Password required

When Item 11 was selected

PCM EDID D/L	
HDMI1	OK/(PCM)
HDMI2	OK/(PCM)
HDMI3	OK/(PCM)
RGB	OK/(PCM)
Start	Reset

If Item 5 on Adjust Check in the 1st page of the Service Menu shows **AC3**, this shows **NG**.

If Item 5 on Adjust Check in the 1st page of the Service Menu shows **EDID PCM** this shows **OK(PCM)**

If **NG** was shown, highlight “**Start**” and press “**Select**” on the remote.

“**Writing**” appears, then **OK/(PCM)** shows here. Now Item 5 on Adjust Check in the 1st page of the Service Menu shows “**EDID PCM**”.

If “**Reset**” is selected, “**Erasing**” will appear and then this shows “**NG**”.

When Item 12 was selected

AC3 EDID D/L	
HDMI1	OK/(AC3)
HDMI2	OK/(AC3)
HDMI3	OK/(AC3)
RGB	OK/(AC3)
Start	Reset

If Item 5 on Adjust Check in the 1st page of the Service Menu shows **PCM**, this shows **NG**.

If Item 5 on Adjust Check in the 1st page of the Service Menu shows **EDID AC3** this shows **OK(AC3)**

If **NG** was shown, highlight “**Start**” and press “**Select**” on the remote.

“**Writing**” appears, then **OK/(AC3)** shows here. Now Item 5 on Adjust Check in the 1st page of the Service Menu shows “**EDID AC3**”.

If **Reset** is selected, “**Erasing**” will appear and then this shows “**NG**”.

Note: PCM is changed from NG to OK/(PCM) then AC3 will now be “NG”.

Note: AC3 is changed from NG to OK/(AC3) then PCM will now be “NG”.