

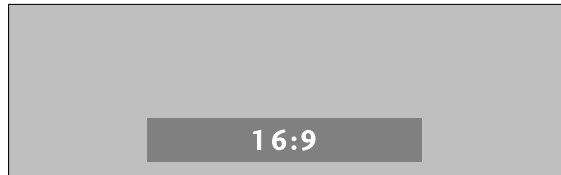
Main Picture Source	Available Sub Picture Sources
TV	AV1, AV2, HDMI1, HDMI2
AV1 or AV2	TV, AV1 or AV2, HDMI1, HDMI2
HDMI1 or HDMI2	TV, AV1, AV2, HDMI1 or HDMI2
Component, RGB-PC	TV, AV1, AV2, HDMI1, HDMI2

PICTURE CONTROL

PICTURE SIZE (ASPECT RATIO) CONTROL

This feature lets you choose the way an analog picture with a 4:3 aspect ratio is displayed on your TV.

- RGB-PC input source can only use 4:3 or 16:9 aspect ratio.



1 Press the **RATIO** button repeatedly to select the picture options : Set By Program, 4:3, 16:9, Zoom, Just Scan.



2 Return to TV viewing.

- You can also adjust **Aspect Ratio** in the **PICTURE** menu.

Set by program

Selects the proper picture proportion to match the source's image.

(4:3 → 4:3)



(16:9 → 16:9)



4:3

Choose 4:3 when you want to view a picture with an original 4:3 aspect ratio.



16:9

Adjust the picture horizontally, in a linear proportion to fill the entire screen.



PICTURE CONTROL

Zoom

Choose Zoom when you want to view the picture without any alteration. However, the top and bottom portions of the picture will be cropped.



Just Scan

Normally the edges of video signals are cropped 1-2%. Just Scan turns off this cropping and shows the complete video.

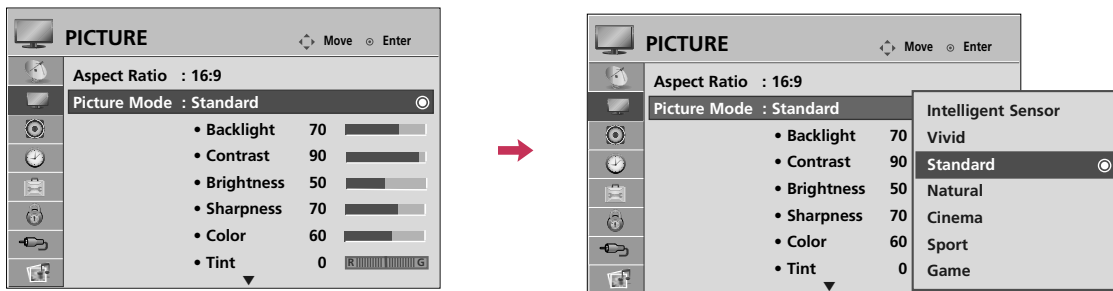
Notes: If there is noise on the edges of the original signal, it will be visible when Just Scan is activated.

Just Scan operates only with DTV/CADTV/HDMI-DTV/DVI-DTV (720p/1080i), Component(720p/1080i) input sources.



PRESET PICTURE SETTINGS (PICTURE MODE)

There are factory presets for picture settings available in the user menus. You can use a preset, change each setting manually, or use the Intelligent Sensor.



- 1 MENU or Home Select PICTURE.
 - 2 ENTER Select Picture Mode.
 - 3 ENTER Select Intelligent Sensor, Vivid, Standard, Natural, Cinema, Sport or Game.
 - 4 RETURN Return to the previous menu.
- MENU or Home Return to TV viewing.

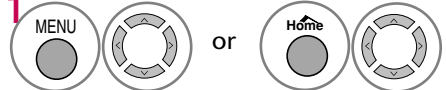
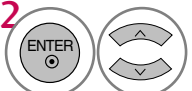
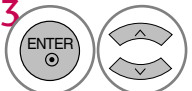
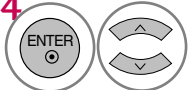


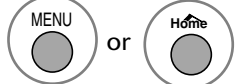
- When selecting **Intelligent Sensor** is changed to **Auto** automatically.
- When selecting **Intelligent Sensor**, it is changed contrast, brightness, sharpness, color and tint automatically.
- **Vivid, Standard, Natural, Cinema, Sport, and Game** Settings are preset for the optimum picture quality at the factory.
- **Intelligent Sensor**: The most suitable picture is automatically adjusted according to the surrounding conditions.
- **Vivid**: This is the mode to maximize the effect of the video in the retail store. Strengthen the contrast, brightness, color and sharpness for vivid picture.
- **Standard**: This is the mode to realize optimum viewing condition for the general user.
- **Natural**: This is the mode to display the most natural screen status.
- **Cinema**: This mode optimizes video for watching movies.
- **Sport**: This is the video mode to emphasize dynamic video and primary color (e.g, white, uniform, grass, sky blue etc.) by realizing the optimal screen for sports.
- **Game**: This is the mode to realize fast response speed in a fast gaming screen.

PICTURE CONTROL

MANUAL PICTURE ADJUSTMENT - USER MODE

Adjust the picture appearance to suit your preference and viewing situations.
This feature is disabled in "Picture Mode-Intelligent Sensor".



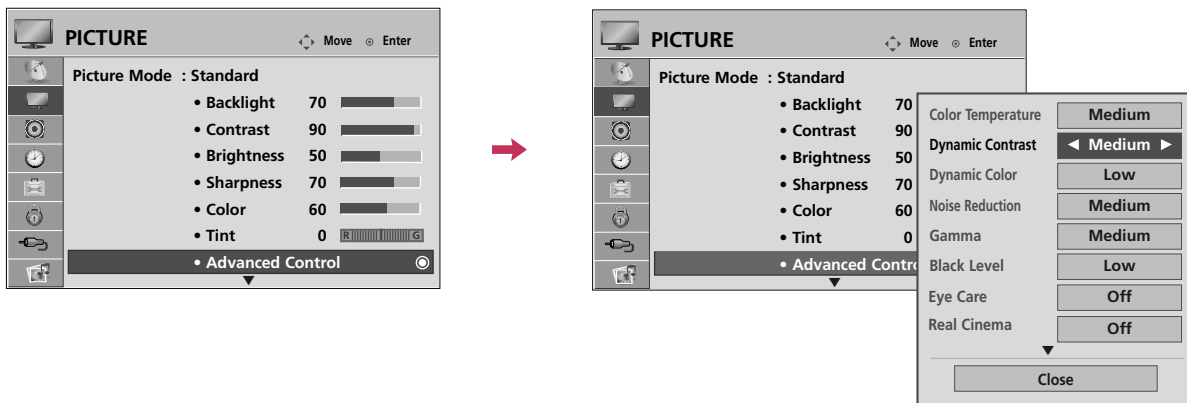
-  Select **PICTURE**.
-  Select **Picture Mode**.
-  Select **Vivid, Standard, Natural, Cinema, Sport or Game**.
-  Select **Backlight, Contrast, Brightness, Sharpness, Color, or Tint**.
-  Make appropriate adjustments.
-  Return to the previous menu.
 Return to TV viewing.













- **Backlight:** This function adjusts the brightness of LCD panel, to control the brightness of the screen. Adjusting the backlight is recommended when setting the brightness of the set. When decreasing the backlight, the brightness of the black becomes darker without any loss in video signal and the power consumption is reduced.
- **Contrast:** Increase or decrease the gradient of the video signal. You may use Contrast when the bright part of picture is saturated.
- **Brightness:** Adjusts the base level of the signal in the picture. You may use Brightness when the dark part of the picture is saturated.
- **Sharpness:** Adjusts the level of crispness in the edges between the light and dark areas of the picture. The lower the level, the softer the image.
- **Color:** Adjusts intensity of all colors.
- **Tint:** Adjusts the balance between red and green levels.

PICTURE IMPROVEMENT TECHNOLOGY

You can calibrate the screen for each Picture Mode or set the video value according to the special video screen. You can set the video seeing differently for each input.

To reset to the factory default after making adjustments to each input source, execute the **Picture Reset** function for each Picture Mode.



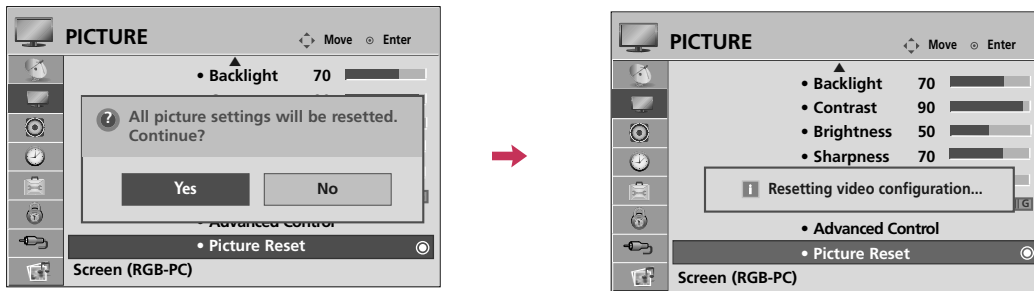
- 1   or   Select **PICTURE**.
 - 2   Select **Advanced Control**.
 - 3   Select your desired options.
 - 4  Make appropriate adjustments.
 - 5  Return to the previous menu.
-  or  Return to TV viewing.

PICTURE CONTROL

Color Temperature	<ul style="list-style-type: none"> ■ Set to warm to enhance hotter colors such as red, or set to cool to enhance cooler colors such as blue.
Dynamic Contrast	<ul style="list-style-type: none"> ■ Adjusts the contrast to keep it at the best level according to the brightness of the screen. The picture is improved by making bright parts brighter and dark parts darker.
Dynamic Color	<ul style="list-style-type: none"> ■ Adjusts screen colors so that they look livelier, richer and clearer. This feature enhances hue, saturation and luminance so that red, blue, green and white look more vivid.
Noise Reduction	<ul style="list-style-type: none"> ■ Reduces screen noise without compromising video quality.
Gamma	<p><i>Low : Make dark and middle gray level area of the picture brighter.</i> <i>Medium: Express original picture levels.</i> <i>High: Make dark and middle gray level area of the picture darker.</i></p> <ul style="list-style-type: none"> ■ You can adjust brightness of dark area and middle gray level area of the picture.
Black Level	<p><i>Low: The reflection of the screen gets darker.</i> <i>High: The reflection of the screen gets brighter.</i></p> <ul style="list-style-type: none"> ■ Set black level of the screen to proper level. ■ This function enables to select 'Low' or 'High' in the following mode: AV (NTSC-M), HDMI or Component.
Eye Care	<ul style="list-style-type: none"> ■ Adjust the brightness of the screen to prevent the screen from being too bright. Dims extremely bright pictures. ■ This feature is disabled in "Picture Mode-Intelligent Sensor, Vivid, Cinema".
Real Cinema	<ul style="list-style-type: none"> ■ Makes video clips recorded in film look more natural by eliminating judder effect.
Color Gamut	<p><i>Standard: Displays standard set of colors.</i> <i>Wide: Increase number of colors used.</i></p> <ul style="list-style-type: none"> ■ Maximize the utilization of color to increase color quality.

PICTURE RESET

Settings of the selected picture modes return to the default factory settings.



1 MENU or Home Select **PICTURE**.

2 ENTER Select **Picture Reset**.

3 ENTER Select **Yes**.

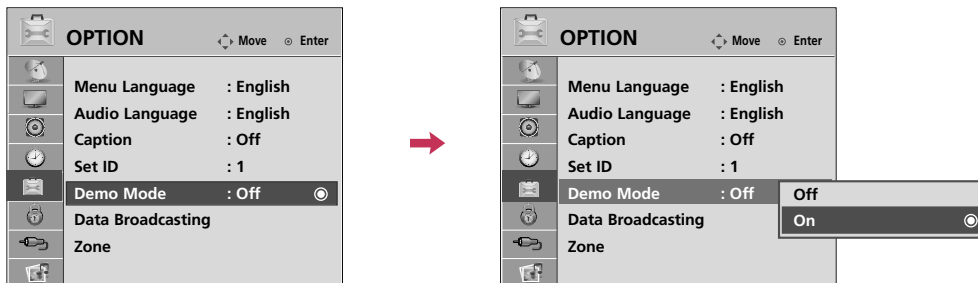
4 ENTER Initialize the adjusted value.





5 MENU or Home Return to TV viewing.

PICTURE CONTROL



DEMO MODE



Displays a slide show to explain the various feature of this TV.



1   or   Select **OPTION**.

2   Select **Demo Mode**.

3   Select **On** to show the various feature of the TV.

4  or  Return to TV viewing.
After a while, **Demo Mode** starts.
If you want to stop the demo, press any button (Except VOL +, - and MUTE button).

! NOTE

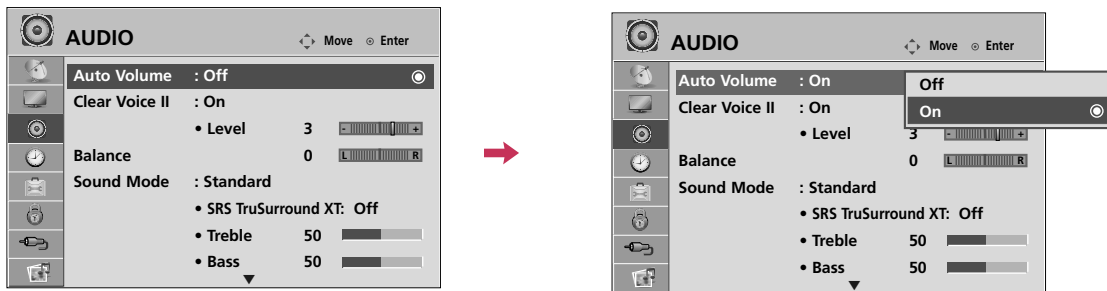
- ▶ **Data Broadcasting:** For 32/37/42LG710H, 32/37/42/47/55LD650H, 32/37/42LD655H
- ▶ **Zone:** For 32/37/42LD660H, 32/37/42LD665H, 32/37/42/47/55LV555H

SOUND & LANGUAGE CONTROL

AUTO VOLUME LEVELER (AUTO VOLUME)

Auto Volume makes sure that the volume level remains consistent whether you are watching a commercial or a regular TV program.

Because each broadcasting station has its own signal conditions, volume adjustment may be needed every time the channel is changed. This feature allows users to enjoy stable volume levels by making automatic adjustments for each program.



1 MENU or Home Select **AUDIO**.

2 ENTER Select **Auto Volume**.

3 ENTER Select **On** or **Off**.

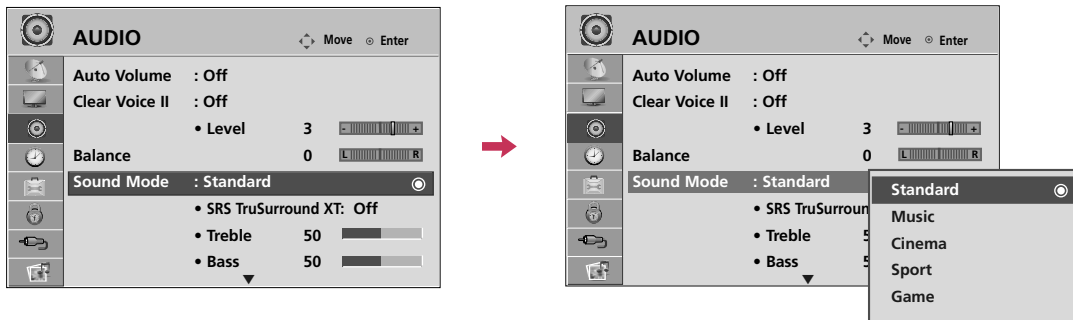
4 RETURN Return to the previous menu.

MENU or Home Return to TV viewing.

SOUND & LANGUAGE CONTROL

PRESET SOUND SETTINGS (SOUND MODE)

Sound Mode lets you enjoy the best sound without any special adjustment as the TV sets the appropriate sound options based on the program content.



1 MENU or Home Select **AUDIO**.

2 ENTER Select **Sound Mode**.

3 ENTER Select **Standard, Music, Cinema, Sport, or Game**.

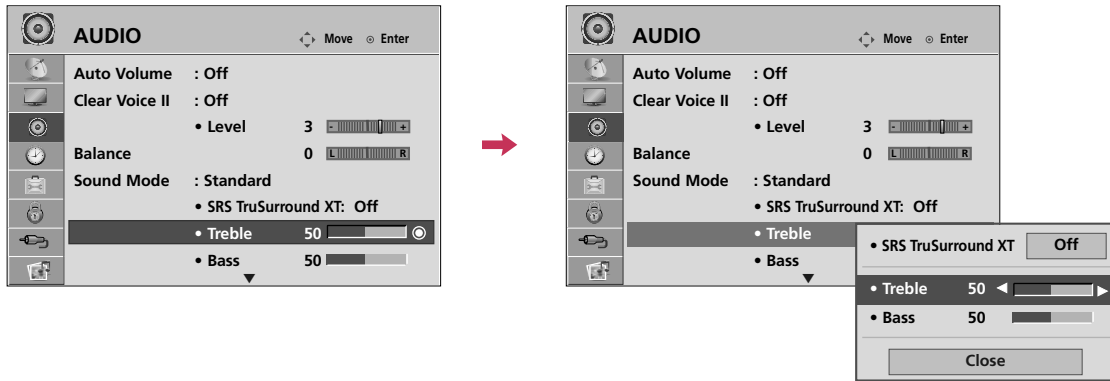
4 RETURN Return to the previous menu.

MENU or Home Return to TV viewing.

- **Standard, Music, Cinema, Sport, and Game** are preset for optimum sound quality at the factory.
- **Standard:** Offers standard-quality sound.
- **Music:** Optimizes sound for listening to music.
- **Cinema:** Optimizes sound for watching movies.
- **Sport:** Optimizes sound for watching sports events.
- **Game:** Optimizes sound for playing games.

SOUND SETTING ADJUSTMENT - USER MODE

Adjust the sound to suit your taste and room situations.



1 MENU or Home Select **AUDIO**.

2 ENTER Select **Sound Mode**.

3 ENTER Select **Standard, Music, Cinema, Sport, or Game**.

4 ENTER Select **Treble or Bass**.

5 ENTER Make appropriate adjustments.

6 RETURN Return to the previous menu.

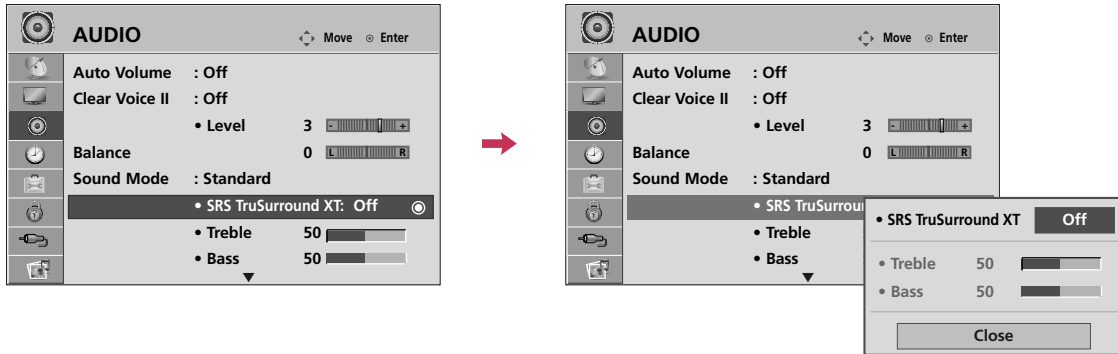
MENU or Home Return to TV viewing.

SOUND & LANGUAGE CONTROL

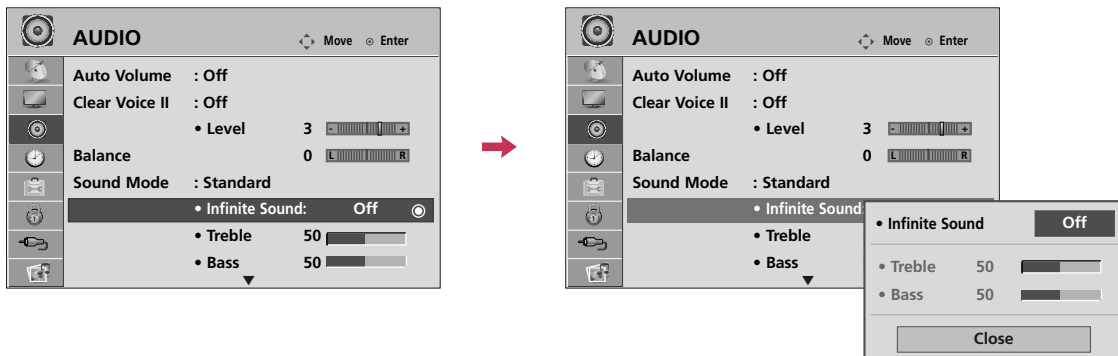
SRS TRUSURROUND XT / INFINITE SOUND








Takes advantage of any multi-channel format without needing to add extra speakers or equipment. Dialog clarity, bass enrichment, and the addition of stereo audio enhancement produces an immersive sound experience from standard stereo material.

32/37/42LG710H



32/37/42/47/55LD650H, 32/37/42LD655H, 32/37/42LD660H, 32/37/42LD665H, 32/37/42/47/55LV555H



- 1  or  Select **AUDIO**.
 - 2  Select **SRS TruSurround XT** or **Infinite Sound**.
 - 3  Select **On** or **Off**.
 - 4  Return to the previous menu.
-  or  Return to TV viewing.

- If sound quality or volume is not at the level you want, it is recommended to use a separate home theater system or amp to cope with different user environments.
- If you select “**Clear Voice II-On**”, **SRS TruSurround XT** feature will not work.
- **SRS TruSurround XT**: TruSurround XT is a patented SRS technology that solves the problem of playing 5.1 multichannel content over two speakers.
- **Infinite Sound**: Infinite Sound is a patented LG proprietary sound processing technology that strives immersive 5.1 surround sound with just two front speakers. (For 32/37/42/47/55LD650H, 32/37/42LD655H, 32/37/42LD660H, 32/37/42LD665H, 32/37/42/47/55LV555H)