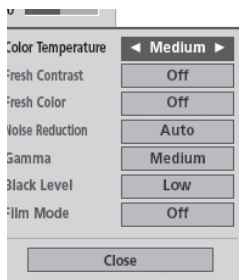


Note to reviewers: The source document left out step 3 (above). Does the user need to select the Picture Mode before selecting Advanced Control?

- Press **^** or **v** to select **Advanced Control**. The *Advanced Control* sub-menu opens.

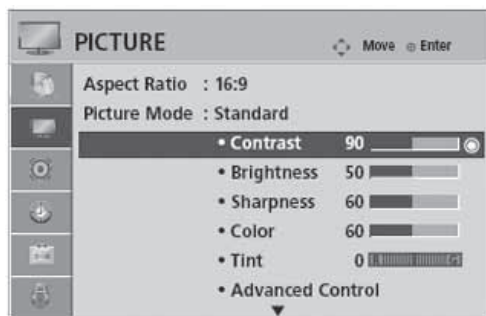


- Press **^** or **v** to select **Color Temperature**, then press **<** or **>** to cycle through the various presets. Selections include **Cool**, **Medium**, and **Warm**.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Manually adjusting the picture settings

To manually adjust the picture settings:

- Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **PICTURE**. The *PICTURE* menu opens.

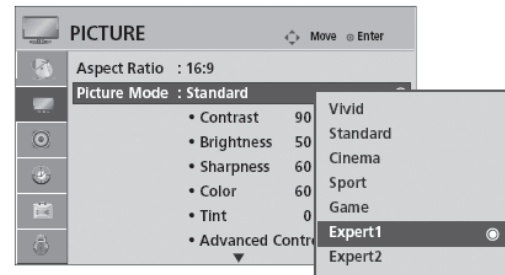


- Press **ENTER** to enter the *PICTURE* menu.
- Press **^** or **v** to select **Picture Mode**, then press **ENTER**.
- Press **^** or **v** to select **Vivid**, **Standard**, **Cinema**, **Sport**, or **Game**, then press **ENTER**.
- Press **^** or **v** to select **Contrast**, **Brightness**, **Sharpness**, **Color**, or **Tint**, then press **ENTER**.
- Press **<** or **>** to adjust the selected picture setting.
- Repeat Steps 5 and 6 to adjust the other picture settings, as needed.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

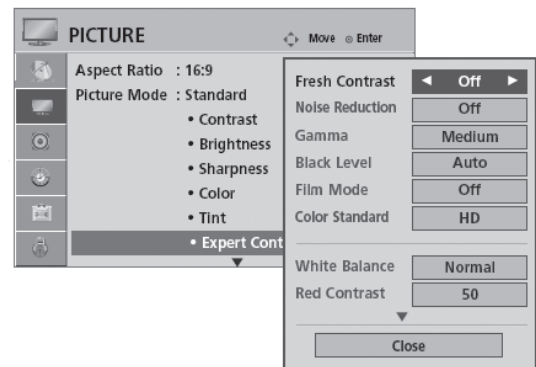
Reviewers: Please verify the above procedure.

To manually adjust the picture settings using **Expert control**:

- Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **PICTURE**. The *PICTURE* menu opens.



- Press **ENTER** to enter the *PICTURE* menu.
- Press **^** or **v** to select **Picture Mode**, then press **ENTER**.
- Press **^** or **v** to select **Expert1** or **Expert2**, then press **ENTER**. The *Expert Control* sub-menu opens.



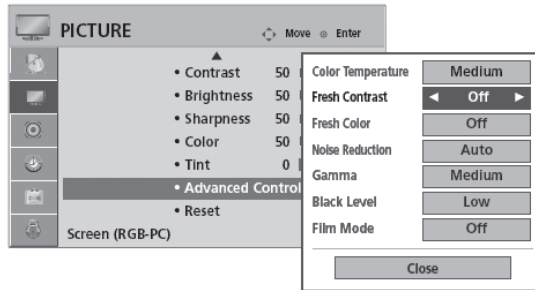
- Press **^** or **v** to select **Expert Control**, then press **ENTER**.
- Press **^** or **v** to select the picture setting to adjust, then press **ENTER**.
- Press **<** or **>** to adjust the selected picture setting.
- Repeat Steps 6 and 7 to adjust the other picture settings, as needed.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Reviewers: Please verify the above procedure.

Adjusting the picture settings with Advanced Control

To manually adjust the picture settings using Advanced Control:

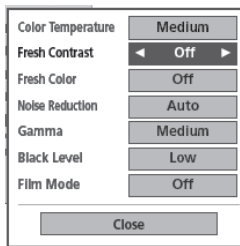
- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **PICTURE**. The *PICTURE* menu opens.



- 2 Press **ENTER** to enter the *PICTURE* menu.
- 3 Press **^** or **v** to select **Picture Mode**, then press **ENTER**.

Note to reviewers: The source document left out step 3 (above). Does the user need to select the Picture Mode before selecting Advanced Control?

- 4 Press **^** or **v** to select **Advanced Control**, then press **ENTER**. The *Advanced Control* sub-menu opens.



- 5 Press **^** or **v** to select an advanced control picture setting. Choices include:
 - **Fresh Contrast**—Optimizes the contrast automatically, based on the brightness of the reflection.
 - **Fresh Color**—Adjusts the color of the reflection automatically to produce natural colors.
 - **Noise Reduction**—Removes interference so that it does not damage the original picture.
 - **Gamma**—High gamma values display whitish images and low gamma values display high-contrast images.
 - **Black Level**—Settings include **Low**, **High**, or **Auto**. Not available in DTV and RGB-PC modes.
 - **Film Mode**—Choose **On** or **Off**. Best for viewing movies. The TV adjusts the 24 fps video from movies to 30 fps video for display. Only available in TV (Analog TV/CATV, Digital DTV/CADTV), AV1, AV2, Component 480i/1080i, and HDMI 1080i modes.
- 6 Press **<** or **>** to adjust the selected advanced control picture setting.
- 7 Repeat Steps 5 and 6 to adjust the other advanced control picture settings, as needed.

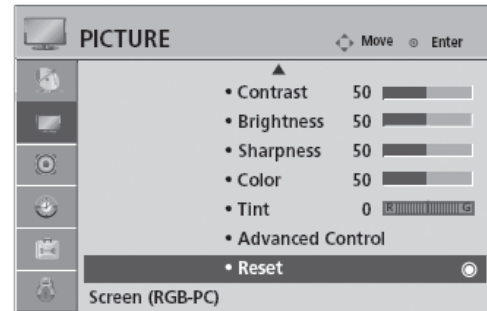
- 8 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Reviewers: Please verify the above procedure.

Resetting your TV to factory default picture settings

To reset your TV to factory settings:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **PICTURE**. The *PICTURE* menu opens.



- 2 Press **ENTER** to enter the *PICTURE* menu.
- 3 Press **^** or **v** to select **Picture Mode**, then press **ENTER**.

Note to reviewers: The source document left out step 3 (above). Does the user need to select the Picture Mode before selecting Advanced Control?

- 4 Press **^** or **v** to select **Reset**, then press **ENTER**. Your TV resets all picture settings to factory default.
- 5 Press **MENU** to return to normal viewing.

Preventing ghost images on your TV

A still picture from a PC video game displayed on the screen for prolonged periods can result in a ghost image on your TV screen. You can use the Orbiter setting to help prevent these ghost images. The other two functions are for removing ghost images.

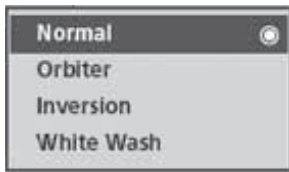
To prevent or remove ghost images:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **OPTION**. The *OPTION* menu opens.



- 2 Press **ENTER** to enter the *OPTION* menu.

- Press **^** or **∨** to select **ISM Method**, then press **ENTER**. The *ISM Method* sub-menu opens.

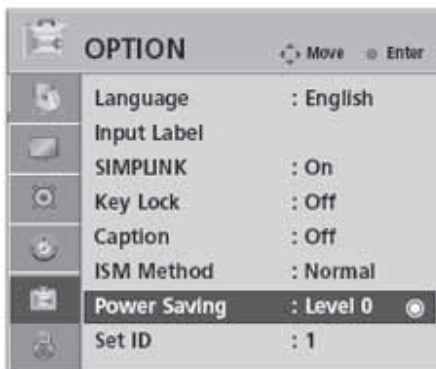


- Press **^** or **∨** to select the ISM method you want to use. Choices include:
 - Normal**—If image sticking is never a problem, ISM is not necessary. Set to Normal.
 - Orbiter**—Orbiter may help prevent ghost images by moving the image every two minutes. However, we recommend that you do not allow any fixed image to remain on the screen for an extended period of time.
 - Inversion**—Inversion automatically inverts the plasma display color image every 30 minutes.
 - White Wash**—White Wash removes ghost images from the screen. Use sparingly. Watch TV normally for a while before using this feature to see if the ghost image disappears on its own. A bad ghost image may be impossible to clear entirely with White Wash.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

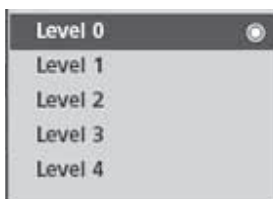
Reducing your TV's power consumption

To save power:

- Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **OPTION**. The *OPTION* menu opens.



- Press **ENTER** to enter the *OPTION* menu.
- Press **^** or **∨** to select **Power Saving**, then press **ENTER**. The *Power Saving* sub-menu opens.



- Press **^** or **∨** to select the power saving setting you want. Settings include **Level 0** (the brightest), **Level 1**, **Level 2**, **Level 3**, and **Level 4** (the least bright).
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Note

You can also change the Power Saving settings by using the Q.MENU.

Controlling the sound and language

Setting the automatic volume leveler

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

To set the automatic volume leveler:

- Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **AUDIO**. The *AUDIO* menu opens.



- Press **ENTER** to enter the *AUDIO* menu.
- Press **^** or **∨** to select **Auto Volume**, then press **ENTER**.
- Press **^** or **∨** to select **On** or **Off**.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Improving voice clarity

By differentiating the human sound range from others, Clear Voice improves the sound quality of voices.

To set Clear Voice:

- Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **AUDIO**. The *AUDIO* menu opens.



- Press **ENTER** to enter the *AUDIO* menu.
- Press **^** or **∨** to select **Clear Voice**, then press **ENTER**.
- Press **^** or **∨** to select **On** or **Off**.

- 5 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Notes

- Clear Voice disables the SRS TruSurround XT feature.
- You can also set Clear Voice in the Q.MENU.

Selecting preset sound settings

To directly select the preset sound settings:

- 1 Press **SOUND** on the remote control repeatedly to cycle through the various presets. Choices include **Standard, Music, Cinema, Sport, or Game**.
- 2 When you have made your selection, press **RETURN** to resume normal viewing.

To select the preset sound setting from the Q.MENU:

- 1 Press **Q.MENU** on the remote control. The **Q.MENU** opens.

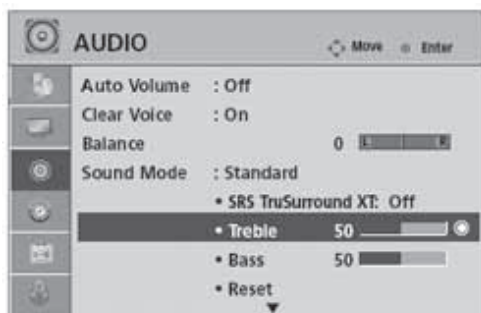


- 2 Press **^** or **v** to select **Sound Mode**, then press **<** or **>** to cycle through the various presets. Choices include **Standard, Music, Cinema, Sport, or Game**.
- 3 Press **^** or **v** to select **Close**, then press **ENTER** to return to normal viewing.

Adjusting the audio settings individually

To individually adjust the audio settings:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **AUDIO**. The **AUDIO** menu opens.



- 2 Press **ENTER** to enter the **AUDIO** menu.
- 3 Press **^** or **v** to select **Sound Mode**, then press **ENTER**.

- 4 Press **^** or **v** to select **Standard, Music, Cinema, Sport, or Game**, then press **ENTER**.
- 5 Press **^** or **v** to select **Treble, Bass, SRS TruSurround XT, or Reset**, then press **ENTER**.

Note

If you select **Reset**, press **ENTER** to reset audio settings to the factory default.

- 6 Press **<** or **>** to adjust the selected setting (**Treble** or **Bass**), then turn SRS TruSurround XT **On** or **Off**.

Note

SRS TruSurround XT takes advantage of any multi-channel format without adding extra speakers or equipment. Dialog clarity, bass enrichment, and stereo audio enhancement produces an immersive sound experience from standard stereo material.

- 7 Repeat Steps 5 and 6 to adjust the other audio settings, as needed.
- 8 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Adjusting the sound balance

To adjust the sound balance:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **AUDIO**. The **AUDIO** menu opens.



- 2 Press **ENTER** to enter the **AUDIO** menu.
- 3 Press **^** or **v** to select **Balance**, then press **ENTER**.
- 4 Press **<** or **>** to adjust the sound balance (left/right to suit your preference and your location).
- 5 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Turning your TV speakers on or off

To turn you TV speakers on or off:

- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **AUDIO**. The **AUDIO** menu opens.



- 2 Press **ENTER** to enter the **AUDIO** menu.
- 3 Press **^** or **∨** to select **TV Speaker**, then press **ENTER**.
- 4 Press **^** or **∨** to select **On** or **Off**.
- 5 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Selecting your audio source programming

This TV can receive MTS stereo programs and any SAP (secondary audio program) that accompanies the stereo program if the station transmits an additional sound signal (analog TV only). Mono sound is automatically used if the broadcast is only in mono. For digital broadcasts, you can select a variety of audio languages (if available).

To select your audio source programming from the Q.MENU:

- 1 Press **Q.MENU** on the remote control. The **Q.MENU** opens.

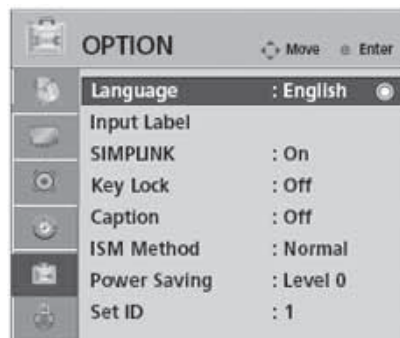


- 2 Press **^** or **∨** to select **SAP**, then press **<** or **>** to cycle through the presets. Choices include **Mono**, **Stereo**, or **SAP** (analog TV only).
- OR -
Press **^** or **∨** to select **Multi Audio**, then press **<** or **>** to cycle through the various languages available (digital TV only).
- 3 Press **^** or **∨** to select **Close**, then press **ENTER** to return to normal viewing.

Selecting the audio and menu languages

To select the audio and menu languages:

- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **OPTION**. The **OPTION** menu opens.



- 2 Press **ENTER** to enter the **OPTION** menu.
- 3 Press **^** or **∨** to select **Language**, then press **ENTER**.
- 4 Press **^** or **∨** to select **Audio**, then press **<** or **>** to select the language you want. Selections include **English**, **Spanish**, or **French**.

- OR -

Press **^** or **∨** to select **Menu**, then press **<** or **>** to select the language you want. Selections include **English**, **Spanish**, or **French**.

Note

As soon as you select the menu language, the on-screen menus are shown in the selected language.

- 5 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up Closed Captioning

Closed captions are provided to help people with hearing loss watch TV. Select a caption mode for displaying captioning information (if available). Caption text, if provided by the broadcaster, is available for both digital and analog channels on the antenna/cable. This TV is programmed to memorize the caption or text mode which was last set when you turned the power off. This function is only available when Caption Mode is set to **On**.

For digital broadcasts, you can also choose the language for the captions, if multiple language captions are included in the program. This is also only available when Caption Mode is set to **On**.

To set up Closed Captioning (analog TV):

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **OPTION**. The *OPTION* menu opens.



- 2 Press **ENTER** to enter the *OPTION* menu.
- 3 Press **^** or **v** to select **Caption**, then press **ENTER**.
- 4 Press **<** or **>** to select **On**.
- 5 Press **v**, then press **<** or **>** to select the caption mode you want. Selections include **CC1 ~ CC4** and **Text1 ~ Text4**.

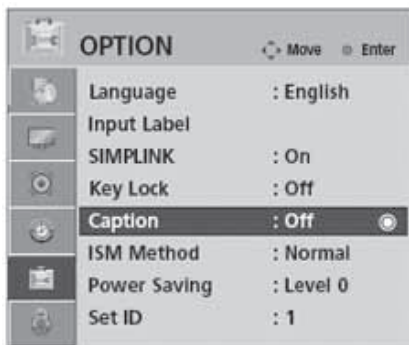
Note

- Captions scroll across the bottom of the screen and show the audio portion of the program.
- Text appears in a large black frame that can cover a portion of the screen and show messages provided by the broadcaster.

- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

To set up Closed Captioning (digital TV):

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **OPTION**. The *OPTION* menu opens.



- 2 Press **ENTER** to enter the *OPTION* menu.
- 3 Press **^** or **v** to select **Caption**, then press **ENTER**.
- 4 Press **<** or **>** to select **On**.
- 5 Press **v**, then press **<** or **>** to select the caption mode you want. Selections include **CC1 ~ CC4**, **Text1 ~ Text4**, or **Service1 ~ Service6**.

Note

- Captions scroll across the bottom of the screen and show the audio portion of the program.
- Text appears in a large black frame that can cover a portion of the screen and show messages provided by the broadcaster.

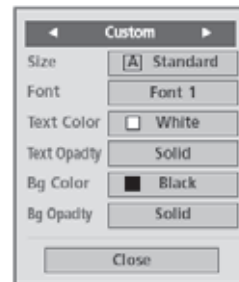
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

To set up digital options with Closed Captioning (digital TV):

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **OPTION**. The *OPTION* menu opens.



- 2 Press **ENTER** to enter the *OPTION* menu.
- 3 Press **^** or **v** to select **Caption**, then press **ENTER**.
- 4 Press **<** or **>** to select **On**, then press **^** or **v** to select **Digital Option**, then press **ENTER**.
- 5 Press **<** or **>** to select **Custom**. The *Custom* menu opens.



- 6 Press **^** or **v** to select the option and **<** or **>** to make adjustments to those options. Options include:
 - **Size**—Set the word size.
 - **Font**—Select a typeface for the text.
 - **Text Color**—Choose a color for the text.
 - **Text Opacity**—Specify the opacity of the text color.
 - **Bg Color**—Select a background color.
 - **Bg Opacity**—Select the opacity for the background color.
- 7 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

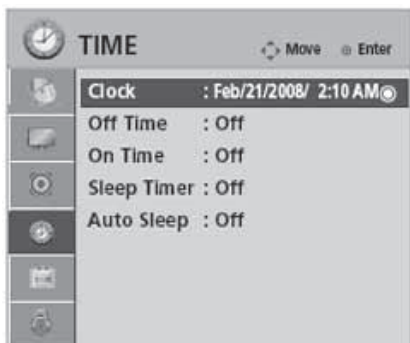
Setting the clock

Setting the clock automatically

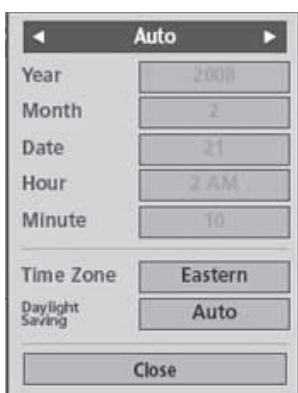
When you choose this option, the time is set automatically from a digital channel signal. The digital channel signal includes information for the current time provided by the broadcasting station. Set the clock manually if the current time is set incorrectly by the auto clock function.

To set the clock automatically:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **TIME**. The *TIME* menu opens.



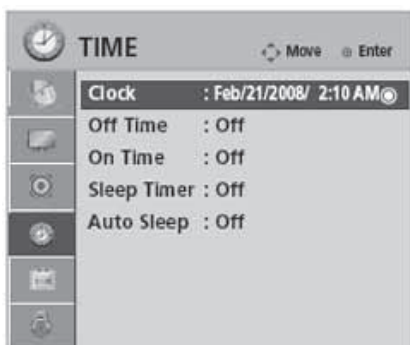
- 2 Press **ENTER** to enter the *TIME* menu.
- 3 Press **^** or **v** to select **Clock**, then press **ENTER**. The *Clock* sub-menu opens.



- 4 Press **<** or **>** to select **Auto**, then press **v** to select **Time Zone**.
- 5 Press **<** or **>** to select your time zone, then press **v** to select **Daylight Saving**.
- 6 Press **<** or **>** to select **On**, **Off**, or **Auto**.
- 7 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

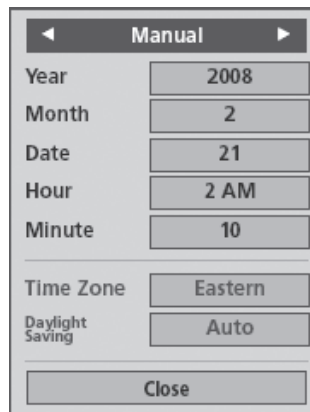
To set the clock manually:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **TIME**. The *TIME* menu opens.



- 2 Press **ENTER** to enter the *TIME* menu.

- 3 Press **^** or **v** to select **Clock**, then press **ENTER**. The *Clock* sub-menu opens.



- 4 Press **<** or **>** to select **Manual**.
- 5 Press **^** or **v** to select the setting to change, then press **<** or **>** to change the setting.
- 6 Repeat Step 5 to change additional settings.
- 7 Press **<** or **>** to select **On**, **Off**, or **Auto**.
- 8 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

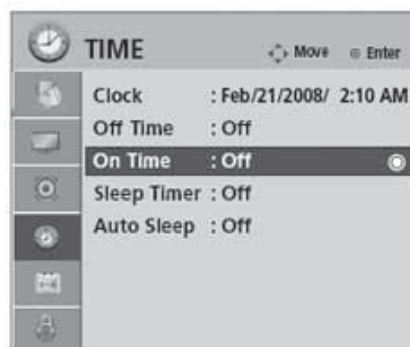
Setting the auto on/off timer

Notes

- This feature operates only if the current time has been set.
- The Off Time feature overrides the On Time function if they are both set to the same time.
- The TV must be in standby mode for the On Time to work.
- If you do not press any button within two hours after the TV turns on with the On Time function, the TV automatically reverts to standby mode.

To set the auto on/off timer:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **TIME**. The *TIME* menu opens.



- 2 Press **ENTER** to enter the *TIME* menu.

- Press **^** or **v** to select **Off Time** or **On Time**, then press **ENTER**. The *Auto On/Off* sub-menu opens.



- Press **^** or **v** to select **Repeat**, then press **<** or **>** to select **Off**, **Once**, **Everyday**, **Mon~Fri**, **Mon~Sat**, **Weekend**, or **Sunday**.
- Press **^** or **v** to select **Hour** or **Minute**, then press **<** or **>** to change the setting.
If you selected **On Time**, you can also change the settings for **Input** and **Volume**. If you selected **TV** for **Input**, you can also set the channel to view when the TV turns on.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting the sleep timer

To directly set the sleep timer:

- Press **SLEEP** on the remote control repeatedly to cycle through the various times. Choices include **Off**, **10**, **20**, **30**, **60**, **90**, **120**, **180**, and **240**.
- When you have made your selection, press **RETURN** to resume normal viewing.

To set the sleep timer from the Q.MENU:

- Press **Q.MENU** on the remote control. The *Q.MENU* opens.



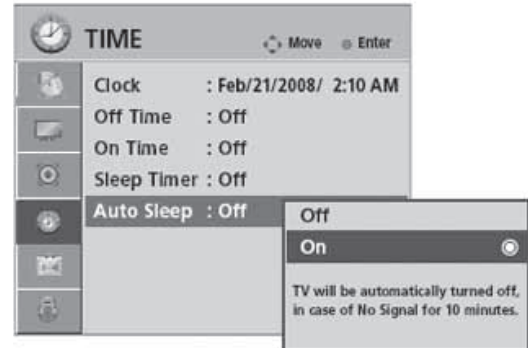
- Press **^** or **v** to select **Sleep Timer**, then press **<** or **>** to cycle through the various times. Choices include **Off**, **10**, **20**, **30**, **60**, **90**, **120**, **180**, and **240**.
- Press **^** or **v** to select **Close**, then press **ENTER** to return to normal viewing.

Setting the auto shut-off feature

This feature automatically turns the TV off if it receives no signal for 10 minutes.

To set the auto shut-off feature:

- Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **TIME**. The *TIME* menu opens.



- Press **ENTER** to enter the *TIME* menu.
- Press **^** or **v** to select **Auto Sleep**, then press **ENTER**.
- Press **^** or **v** to select **On** or **Off**.
- Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting locks and parental controls

The Parental Control feature (V-Chip) of this TV can be used to block specific channels, ratings, and other viewing sources. The default setting is to allow all programs to be viewed. Viewing can be blocked by choosing the type of program and the categories to be blocked. It is also possible to block all program viewing for a period of time.

To use this function, you must do the following:

- Set ratings and categories to be blocked.
- Specify a password
- Enable the lock

V-Chip rating and categories

Rating guidelines are provided by broadcasting stations. Most television programs and television movies can be blocked by TV rating or Individual Categories. Movies that have been shown in theaters or direct-to-video movies use the movie rating system (MPAA) only.

TV parental guidelines ratings

Rating	Description
TV-Y	All children
TV-Y7	Children over seven years of age
TV-G	General audiences
TV-PG	Parental guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature audiences only

Some of the age-based TV parental guidelines ratings also have content-based ratings.

Rating	Description
FV	Fantasy violence
L	Adult language
S	Sexual situations
V	Violence
D	Sexually suggestive dialog

US MPAA ratings

Rating	Description
G	General audiences
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parental guidance strongly suggested. Some material may not be suitable for children under 13 years of age.
R	Restricted. Not suitable for children under 17 years of age unless accompanied by a parent or guardian.
NC-17	Not suitable for children under 17 years of age.
X	Adults only
N/A	Not rated

Canadian English ratings

Rating	Description
C	Children
C8+	Children 8 years and above
G	General audience
PG	Parental guidance suggested
14+	14 years old and above
18+	Adult programming
E	Exempt - Not rated

Canadian French ratings

Rating	Description
G	Children
8ans+	Children 8 years and above
13ans+	Children 13 years and above
16ans+	Children 16 years and above
18ans+	Adult programming
EXEMPT	Not rated

Setting the password and locks

Set up blocking schemes to block specific channels, ratings, and external viewing sources. A password is required to gain access to this menu.

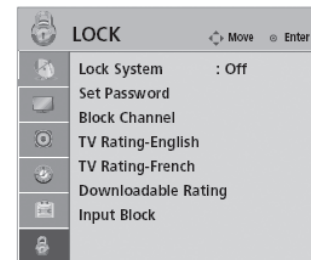
To enter the password:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.

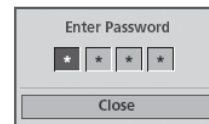
USA Menu



Canada Menu



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



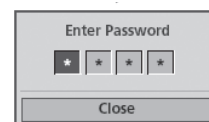
- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").

To change the password:

- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (9~0) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **Set Password**, then press **ENTER**. The *Set Password* dialog box opens.



- 5 Press the number buttons (9~0) to enter the new password, then enter it again to confirm.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up channel block

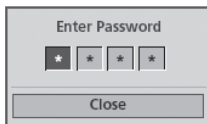
Use this feature to block channels that you do not want to watch or that you do not want your children to watch.

To set channel blocking:

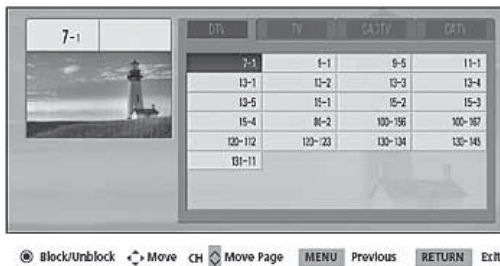
- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The *LOCK* menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (9~0) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **Block Channel**, then press **ENTER**. The *Block Channel* menu opens.



- 5 Press **^** or **∨** or **<** or **>** to select the channel to block or unblock. Repeat for each channel you want to block or unblock.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks based on movie (MPAA) ratings

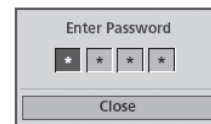
Use this feature to block movies according to the movie ratings limit specified, so children cannot view certain movies. You can set the ratings limit by blocking all the movies with the ratings above a specified level. Keep in mind that the movie ratings limit only applies to movies shown on TV, not TV programs, such as soap operas.

To set up blocks for movies:

- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The *LOCK* menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (9~0) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **Movie Rating**, then press **ENTER**. The *Movie Rating* sub-menu opens.



- 5 Press **^** or **∨** to select the movie rating to block or unblock. Choices include **G**, **PG**, **PG-13**, **R**, **NC-17**, **X**, or **Blocking Off**. See "US MPAA ratings" on page 30 for an explanation of the ratings.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks for children's programs based on TV ratings

Use this feature to prevent children from watching certain TV children's programs, according to the ratings limit set. The children rating does not apply to other TV programs. Unless you block certain TV programs intended for mature audiences in the *TV Rating* sub-menu, your children can view those programs.

To set up blocks for children's TV programs:

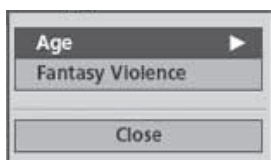
- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The *LOCK* menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **TV Rating-Children**, then press **ENTER**. The *TV Rating-Children* sub-menu opens.



- 5 Press **^** or **∨** to select the rating to block or unblock, then press **ENTER**. Choices include **Age** (TV-Y and TV-Y7) and **Fantasy Violence** (TV-Y7).
- 6 Press **^** or **∨** to select block options.
- 7 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks based on TV ratings (USA only)

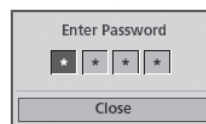
Use this feature to block certain TV programs that you and your family do not want to view, based on their ratings.

To set up blocks for TV programs:

- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The *LOCK* menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **TV Rating-General**, then press **ENTER**. The *TV Rating-General* sub-menu opens.



- 5 Press **^** or **∨** to select the rating to block or unblock, then press **ENTER**. Choices include:
 - **Age** (applies to TV-G, TV-PG, TV-14, and TV-MA)
 - **Dialogue** (applies to TV-PG and TV-14)
 - **Language** (applies to TV-PG, TV-14, and TV-MA)
 - **Sex** (applies to TV-G, TV-14, and TV-MA)
 - **Violence** (applies to TV-PG, TV-14, and TV-MA).
- 6 Press **^** or **∨** to select block options.
- 7 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks based on TV ratings (Canada English only)

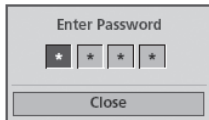
Use this feature to block certain Canadian English TV programs that you and your family do not want to view, based on their ratings.

To set up blocks for TV programs:

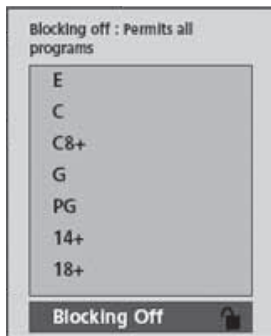
- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **TV Rating-English**, then press **ENTER**. The *TV Rating-English* sub-menu opens.



- 5 Press **^** or **∨** to select the rating to block or unblock, then press **ENTER**. Choices include **E, C, C8+, G, PG, 14+, 18+**, and **Blocking Off**. See "Canadian English ratings" on page 30 for an explanation of the ratings.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks based on TV ratings (Canada French only)

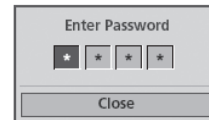
Use this feature to block certain Canadian French TV programs that you and your family do not want to view, based on their ratings.

To set up blocks for TV programs:

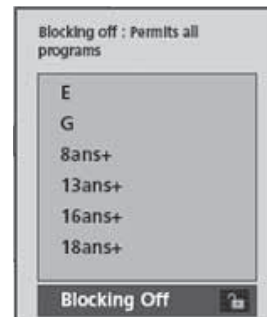
- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **TV Rating-French**, then press **ENTER**. The *TV Rating-French* sub-menu opens.



- 5 Press **^** or **∨** to select the rating to block or unblock, then press **ENTER**. Choices include **E, G, 8ans+, 13ans+, 16ans+, 18ans+**, and **Blocking Off**. See "Canadian French ratings" on page 30 for an explanation of the ratings.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Setting up blocks based on downloadable ratings

This function may become available in the future and will be available only for digital channels. This function operates only when the TV has received Region 5 Rating data.

To set up blocks for downloadable ratings:

- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **Downloadable Rating**, then press **ENTER**. The *TV Downloadable Rating* sub-menu opens.



Note

The downloadable rating table may differ from the one shown in the illustration.

- 5 Press **^** or **∨** to select the rating to block or unblock, then press **ENTER**.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

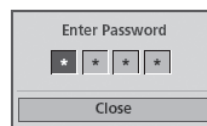
Setting up blocks for specific input sources

To set up blocks for specific input sources:

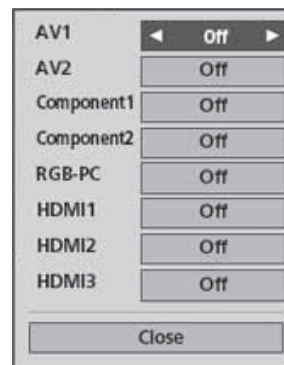
- 1 Press **MENU** on the remote control, then press **^** or **∨** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (**9~0**) to enter the password (the initial password is "0000").
- 4 Press **^** or **∨** to select **Input Block**, then press **ENTER**. The *Input Block* sub-menu opens.



Note

The downloadable rating table may differ from the one shown in the illustration.

- 5 Press **^** or **∨** to select an input source to block or unblock, then press **ENTER**.
- 6 Press **<** or **>** to select **On** or **Off** for the selected source. Repeat for additional sources.
- 7 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Enabling the lock system

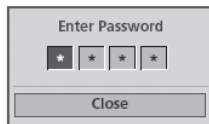
This enables or disables the blocking scheme you set up.

To set up the lock system:

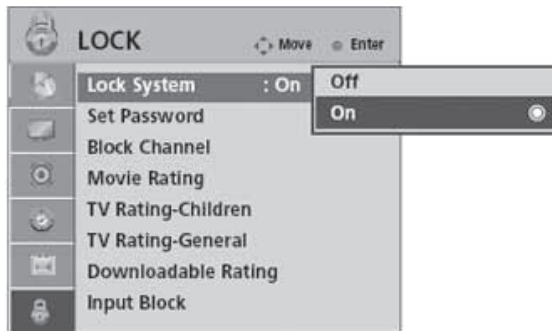
- 1 Press **MENU** on the remote control, then press **^** or **v** or **<** or **>** to select **LOCK**. The **LOCK** menu opens.



- 2 Press **ENTER**. The *Enter Password* dialog box opens.



- 3 Press the number buttons (9~0) to enter the password (the initial password is "0000").
- 4 Press **^** or **v** to select **Lock System**, then press **ENTER**. The *Lock System* sub-menu opens.



- 5 Press **<** or **>** to select **On** or **Off**.
- 6 Press **RETURN** to return to the previous menu, or press **MENU** to return to normal viewing.

Maintaining your TV

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you can enjoy your new TV.

Caution

Make sure that you turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

Wet a soft cloth in a mixture of luke warm water and a little fabric softener or dishwashing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.

Make sure the excess water is off the screen, and then let it air dry before you turn on your TV.

Cleaning the cabinet

Wipe the front panel and other exterior surfaces of your TV with a soft, dry, lint-free cloth. Never use a solvent or alcohol to clean your TV. Do not spray insecticide near your TV. Such chemicals may cause damage and discoloration to the exposed surfaces.

Troubleshooting

Operation

Problem	Solution
Remote control does not work	<ul style="list-style-type: none"> • Remove obstacles between the remote control and the player. • Point the remote control at your TV's IR sensor. Install fresh batteries.
Power turns off suddenly	<ul style="list-style-type: none"> • Make sure that the sleep timer is not set. • Check the power control settings.

Video problems

Problem	Solution
No picture or sound	<ul style="list-style-type: none"> • Check all cable connections. • Make sure that your TV is turned on. • Try another channel. It may be a broadcast problem. • Check your antenna connection, location, or direction. • Make sure that the power connection is okay. Check the wall power outlet.
Picture appears slowly when your TV is turned on	<ul style="list-style-type: none"> • It is normal for the image to be muted during the startup process. If the picture does not appear after five minutes, call your Insignia service center.
Picture is satisfactory, but no sound	<ul style="list-style-type: none"> • Check the volume level and mute setting.
No color, poor color, or poor picture	<ul style="list-style-type: none"> • Check the picture control and adjust color. • Make sure you have provided a sufficient distance between the TV and VCR. • Try another channel. The problem may be the broadcast. • Make sure the video cables are connected correctly. • Check the power saving feature and restore the brightness of your TV. • Check the program's color features. The problem may be that it is a black and white movie.
Poor reception on some channels	<ul style="list-style-type: none"> • Check the antenna and its connection. If there are problems, correct them. If all connections are tight, the problem may be with a faulty antenna or cable. • The station or your cable TV provider may be experiencing problems. • Check for sources of interference. • Re-orient your antenna for better reception.
Stripes or bars on picture	<ul style="list-style-type: none"> • Check for interference from other electronic devices, such as radios and televisions, and keep magnetic or electronic devices away from your TV. • Check your antenna connection, location, or direction.

Audio problems

Problem	Solution
Picture okay, but no sound	<ul style="list-style-type: none"> Press the volume control to increase the volume. Press MUTE to make sure that your TV is not muted. Try another channel. The problem may be with the broadcast. Make sure that the audio cables are installed correctly.
No output from one of the speakers	<ul style="list-style-type: none"> Adjust the balance in the <i>AUDIO</i> menu.
Unusual sound from inside the TV	<ul style="list-style-type: none"> A change in ambient humidity or temperature may result in an unusual noise when the product is turned on or off. This does not indicate a fault with the product.
No color, poor color, or poor picture	<ul style="list-style-type: none"> Check the picture control and adjust color. Make sure you have provided a sufficient distance between the TV and VCR. Try another channel. The problem may be the broadcast. Make sure the video cables are connected correctly. Check the power saving feature and restore the brightness of your TV. Check the program's color features because it may be a black and white movie.
Poor reception on some channels	<ul style="list-style-type: none"> Check the antenna and its connection. If there are problems, correct them. If all connections are tight, the problem may be with a faulty antenna or cable. The station or your cable TV provider may be experiencing problems. Check for sources of interference. Reorient your antenna for better reception.
Stripes or bars on picture	<ul style="list-style-type: none"> Check for interference from other electronic devices, such as radios and televisions, and keep magnetic or electronic devices away from your TV. Check your antenna connection, location, or direction.

PC mode problems

Problem	Solution
The signal is out of range	<ul style="list-style-type: none"> Adjust the resolution, horizontal frequency, or vertical frequency. Check the input source.
Vertical bar or stripe on the background, horizontal noise, or incorrect position	<ul style="list-style-type: none"> Adjust the clock, phase, or horizontal/vertical position, or try Auto to configure these options.
The screen color is unstable or a single color	<ul style="list-style-type: none"> Check the signal cable to make sure that it is connected correctly. Reinstall your PC's video card.

Specifications

Dimensions NS-PDP42-09	With stand	40.9 × 28.7 × 12.1 inches (1040 × 729 × 3080 mm)
	Without stand	40.9 × 26.6 × 3.2 inches (1040 × 677 × 83.6 mm)
Dimensions NS-PDP50-09	With stand	48.2 × 33.4 × 14.3 inches (1224.7 × 849 × 364 mm)
	Without stand	48.2 × 31.1 × 3.2 inches (1224.7 × 790 × 83.6 mm)
Weight NS-PDP42-09	With stand	57.3 lbs. (26 kg)
	Without stand	52.9 lbs. (24 kg)
Weight NS-PDP50-09	With stand	91.4 lbs. (41.5 kg)
	Without stand	83.9 lbs. (38.1 kg)
Power requirement	NS-PDP42-09	AC100-120V ~ 50/60 Hz
	NS-PDP50-09	AC100-240V ~ 50/60 Hz
TV system	NTSC-M, ATSC 64 and 256 QAM	
Program coverage	VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1.135	
External antenna impedance	75 ohms	
Environment	Operating temp.	32~104°F (0~40°C)
	Operating humidity	Less than 80%
	Storage temp.	-4~140°F (-20~60°C)
	Storage humidity	Less than 85%

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

One-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-42/50PDP-09** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 25 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States and Canada.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance

- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289
www.insignia-products.com

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WARNING / CAUTION



WARNING / CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK). NO
USER SERVICEABLE PARTS INSIDE. REFER TO
QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING/CAUTION

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

NOTE TO CABLE/TV INSTALLER

This reminder is provided to call the CATV system installer’s attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

WARNING / CAUTION

To prevent fire or shock hazards, do not expose this product to rain or moisture.

FCC NOTICE

Class B digital device

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

CAUTION

Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user’s authority to operate this product

INSIGNIA™

www.insignia-products.com (877) 467-4289

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