

**V4**  
**FINAL**  
**FOR PRINT**

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# User Guide

# INSIGNIA™

DVD and CD+G Karaoke Player/Recorder

**NS-KP04**

# Insignia NS-KP04 DVD and CD+G Karaoke Player/Recorder

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## Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-KP04 represents the state of the art in karaoke player/recorder design, and is designed for reliable and trouble-free performance.

## Important safety instructions



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

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Insignia NS-KP04 DVD and CD+G Karaoke Player/Recorder



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert you to the presence of uninsulated dangerous voltage within your player'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 you to the presence of important operating and maintenance (servicing) instructions in the literature that came with your player.

## CLASS 1 LASER PRODUCT

### Caution

This compact disc player is classified as a CLASS 1 LASER PRODUCT. The CLASS 1 LASER PRODUCT label is located on the back panel.

### Caution

- Your player employs a laser system.
- Use of controls, adjustments, or the performance of procedures other than those specified may result in hazardous radiation exposure.
- Visible laser radiation is present when open and interlocks defeated. Do not stare into the beam.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with a dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- 9** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10** Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11** Only use attachments/accessories specified by the manufacturer.
- 12** Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13** Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15** To reduce the risk of fire or electric shock, do not expose this device to rain, moisture, dripping, or splashing, and no objects filled with liquids, such as vases, shall be placed on it.
- 16** The wall plug is the disconnecting device. The plug must remain readily operable.
- 17** Batteries should not be exposed to excessive heat such as sunshine, fire, or the like.

**Caution**

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

- 18** This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience or knowledge, unless they have been given supervision and instruction concerning use of the appliance by the person responsible for their safety.
- 19** Children should be supervised to ensure that they do not play with the appliance.
- 20** Ensure that children and babies do not play with plastic bags or any packaging material.

# INSIGNIA™ Insignia NS-KP04 DVD and CD+G Karaoke Player/Recorder

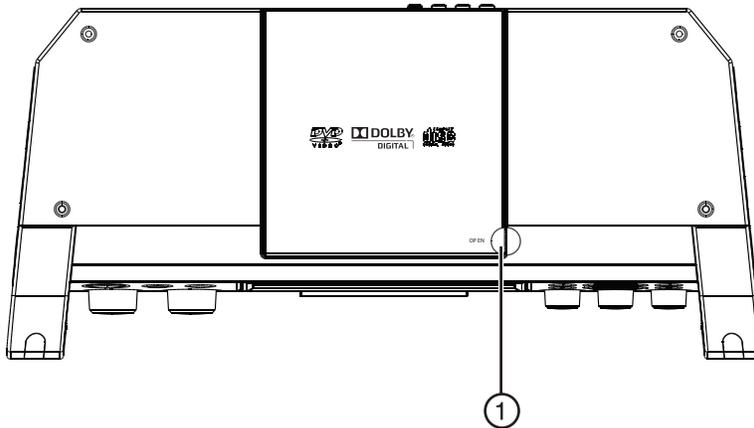
## Features

### Package contents

- DVD and CD+G Karaoke Player/Recorder
- Remote control
- AAA batteries (2)
- Microphone
- AC/DC power adapter
- AV cable (RCA type)
- *User Guide*
- *Quick Setup Guide*

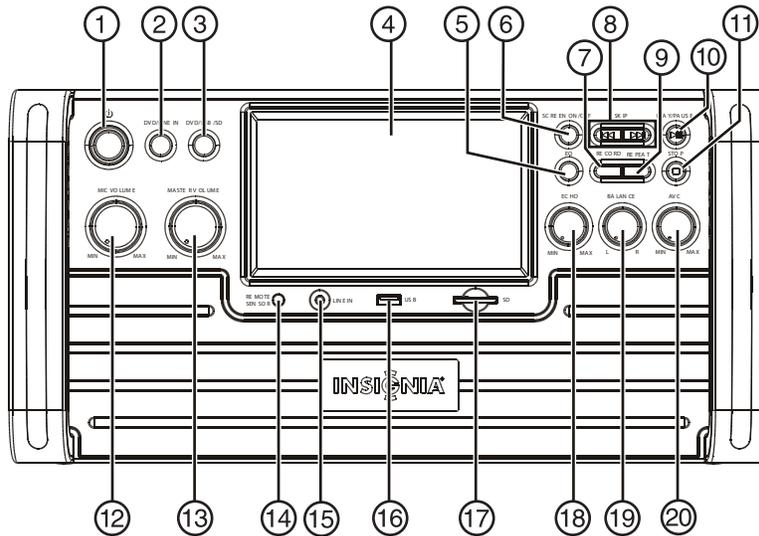
Your karaoke system plays DVDs with a region code of 1. Look for  on the disc or disc packaging.

### Top



#	Item	Description
1	Disc compartment OPEN tab	Lift to open the disc compartment and insert a disc.

**Front**

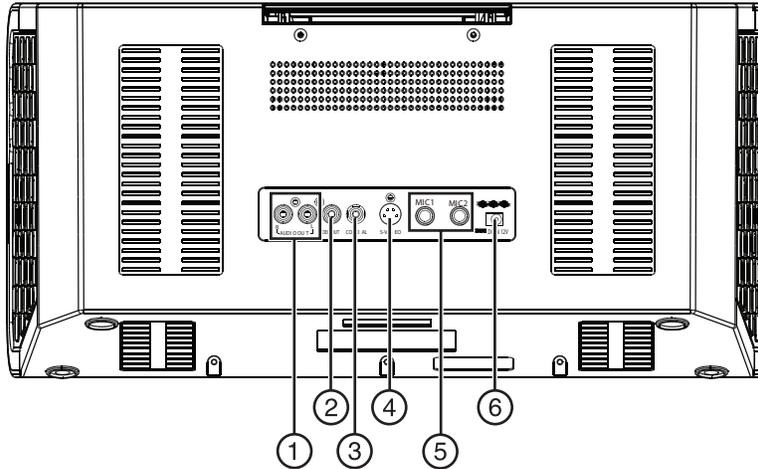


#	Item	Description
1		Press to turn your karaoke system on or off.
2	DVD/LINE IN	Press to select an internal media device or a device connected to the <b>LINE IN</b> jack as the audio source
3	DVD/USB/SD	Press repeatedly to select DISC, USB, or SD as the input media.
4	Display screen	Displays on-screen menus and the video from a DVD.
5	EQ	Press to select the equalizer mode. For more information, see "Selecting the equalizer mode" on page 16.
6	SCREEN ON/OFF	Press to turn the screen on or off.
7	RECORD	Press to start recording.
8	SKIP <</SKIP >>	Press to skip to the previous or next audio track.
9	REPEAT	Press to repeat the current track.
10	PLAY/PAUSE >>	Press to start or pause playback.
11	STOP ■	Press to stop playback. If you press this button once, then press <b>PLAY/PAUSE &gt;&gt;  </b> , playback resumes where you stopped playback. If you press this button twice, then press <b>PLAY/PAUSE &gt;&gt;  </b> , playback starts at the beginning of the disc.
12	MIC VOLUME	Rotate to adjust the microphone volume.
13	MASTER VOLUME	Rotate to adjust the master volume.

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#	Item	Description
14	REMOTE SENSOR	Receives signals from the remote control. Do not block.
15	LINE IN jack	Connect an external audio device to this jack so you can play the audio from the device through your karaoke system. For more information, see "Connecting an external audio input device" on page 13.
16	USB port	Connect a USB device, such as a USB flash drive, to this jack so you can play files on the device through your karaoke system.
17	SD card slot	Insert an SD memory card into this slot so you can play files on the card through your karaoke system.
18	ECHO	When using the microphone, rotate to adjust the echo effect.
19	BALANCE	Rotate to adjust the balance between the left and right speakers.
20	AVC	Rotate to mute the vocals on a multiplex recording when a singer starts singing through the microphone. When the singer stops singing, the recorded vocals will start playing again.

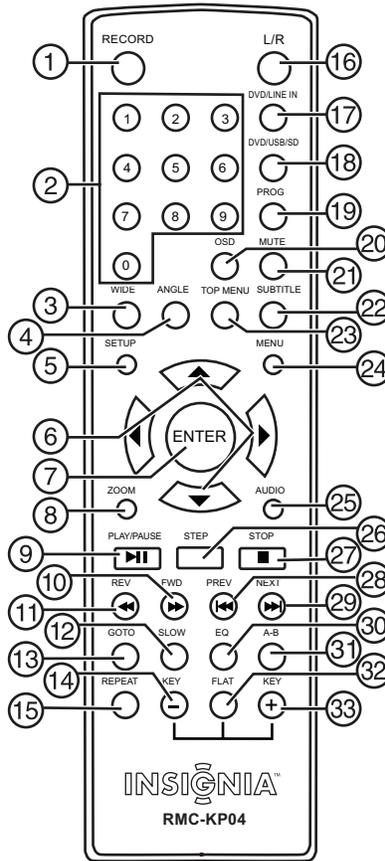
**Back**



#	Jack	Description
1	AUDIO OUT L/R	Connect an analog sound system to these jacks. For more information, see "Playing the audio through an analog sound system" on page 14.
2	VIDEO OUT	Connect a standard (composite) AV device to this jack to display the screen image on the connected device. For more information, see "Playing the video through an AV display device" on page 14.
3	COAXIAL	Connect a digital coaxial sound system to this jack. For more information, see "Playing the audio through a digital coaxial sound system" on page 13.
4	S-VIDEO	Connect an S-Video device to this jack to display the screen image on the connected device. For more information, see "Playing the video through an S-Video display device" on page 14.
5	MIC1/MIC2	Connect microphones to these jacks.
6	DC IN	Connect the power cord to this jack.

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## Remote control



#	Jack	Description
1	RECORD	When playing an audio or MP3 CD, press to record to a connected USB flash drive or an inserted SD memory card. Press again to stop recording. If both a USB flash drive and an SD memory card are inserted, the recording will be saved to the USB flash drive. For more information, see "Recording audio" on page 19.
2	Number buttons	Press to enter track numbers or the parental control password.
3	WIDE	Press to switch between 4:3 and 16:9 aspect ratios. For more information, see "Selecting the aspect ratio" on page 24.

#	Jack	Description
4	ANGLE	During DVD playback, press to change the viewing angle if multiple angles are available. For more information, see "Selecting a DVD viewing angle" on page 23.
5	SETUP	Press to open the on-screen menu.
6	◀▶▲▼	Press to navigate through the menus, select options, and adjust settings.
7	ENTER	Press to confirm changes.
8	ZOOM	During DVD or photo playback, press to zoom in on an image or photo. For more information, see "Zooming in on a video image or photo" on page 24.
9	PLAY/PAUSE ▶	Press to start or pause playback.
10	FWD ▶▶	Press to fast forward.
11	REV ◀◀	Press to fast reverse.
12	SLOW	Press to play forward slowly. For more information, see "Viewing a video in slow motion" on page 25.
13	GOTO	Press to search for a playback starting point. For more information, see "Selecting a chapter, track, or starting time" on page 20.
14	KEY-	Press to change the audio tone. For more information, see "Changing the audio tone" on page 20.
15	REPEAT	During playback, press to repeat the current chapter, title, or track. For more information, see "Repeating a chapter, title, or track" on page 21.
16	L/R	Press to select the acoustic channel. For more information, see "Changing acoustic channels (CD types)" on page 20.
17	DVD/LINE IN	Press to switch between internal media and a device connected to the <b>LINE IN</b> jack. For more information, see "Connecting an external audio input device" on page 13.
18	DVD/USB/SD	Press to open the media list and select audio input source. For more information, see "Selecting the audio source" on page 16.
19	PROG	During playback, press to create a playback program. For more information, see "Creating a playback program" on page 21.
20	OSD	During playback, press to display playback information. For more information, see "Displaying playback information" on page 20.
21	MUTE	Press to mute the sound. Press again to restore the sound.
22	SUBTITLE	During DVD playback, press to select the subtitle language or turn off subtitles. For more information, see "Selecting languages on DVDs" on page 25.

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#	Jack	Description
23	TOP MENU	During DVD playback, press to open the title menu and select a title and chapter. For more information, see "Selecting a DVD title and chapter with the title menu" on page 22.
24	MENU	During DVD playback, press to open the DVD main menu and select a chapter. For more information, see "Selecting a DVD chapter with the main menu" on page 22.
25	AUDIO	During DVD playback, press to select the DVD audio language. For more information, see "Selecting languages on DVDs" on page 25.
26	STEP	During DVD playback, press to view the video frame by frame. For more information, see "Viewing a video frame by frame" on page 25.
27	STOP ■	Press to stop playback. If you press this button once, then press <b>PLAY/PAUSE ▶  </b> , playback resume where you stopped playback. If you press this button twice, then press <b>PLAY/PAUSE ▶  </b> , playback starts at the beginning of the disc.
28	PREV ◀◀	During playback, press to go to the previous chapter, track, or MP3 file.
29	NEXT ▶▶	During playback, press to go to the next chapter, track, or MP3 file.
30	EQ	Press to select the equalizer mode. For more information, see "Selecting the equalizer mode" on page 16.
31	A-B	During playback, press to create a playback loop. For more information, see "Creating a playback loop" on page 21.
32	FLAT	Press to return to the normal audio tone. For more information, see "Changing the audio tone" on page 20.
33	KEY+	Press to change the audio tone. For more information, see "Changing the audio tone" on page 20.

## Setting up your karaoke system

### Connecting the power cord

**To connect the power cord:**

- Plug the small connector on the AC/DC power adapter into the **DC IN** jack on the back of your karaoke system, then plug the other connector into a power outlet.

### Connecting an external audio input device

You can connect an external audio input device to play the audio from the device through your karaoke system.

**To connect an external audio input device:**

- 1 Connect an audio cable to the **LINE IN** jack on the front of your karaoke system and to the **LINE OUT** jack on the external device.
- 2 Press **DVD/LINE IN** to select the **LINE IN** mode.

### Playing the audio through a digital coaxial sound system

You can connect a digital coaxial sound system. When you connect a sound system, the audio from your karaoke system plays through the sound system.

**To play the audio through a digital coaxial sound system:**

- 1 Connect a digital coaxial cable to the **COAXIAL** jack on the back of your karaoke system and to the **COAXIAL IN** jack on the sound system.
- 2 Select the correct audio output mode. For more information, see "Selecting the audio output mode for a connected sound system" on page 18.

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## Insignia NS-KP04 DVD and CD+G Karaoke Player/Recorder

### Playing the audio through an analog sound system

You can connect the included analog sound system. When you connect a sound system, the audio from your karaoke system plays through the sound system.

#### To play the audio through an analog sound system:

- 1 Connect an audio cable with RCA connectors to the **AUDIO OUT L/R** jacks on the back of your karaoke system and to the **AUDIO IN L/R** jacks on the sound system.
- 2 Select the correct audio output mode. For more information, see "Selecting the audio output mode for a connected sound system" on page 18.

### Playing the video through an S-Video display device

You can connect an S-Video display device, such as a TV. When you connect a display device, the image on your karaoke's screen is sent to the display device.

#### To play the video through an external S-Video display device:

- 1 Connect an S-Video cable to the **S-VIDEO** jack on the back of your karaoke system and to the **S-VIDEO IN** jack on the S-Video device.
- 2 On the display device, set the video input to S-Video.

### Playing the video through an AV display device

You can connect an AV display device, such as a TV. When you connect a display device, the image on your karaoke's screen is sent to the display device.

#### To play the video through an external AV display device:

- 1 Connect the included standard AV video cable to the **VIDEO OUT** jack on the back of your karaoke system and to the **VIDEO IN** jack on the display device.
- 2 On the display device, set the video input to the correct setting.

## Using your karaoke system

### Turning your karaoke system on or off

#### To turn your karaoke system on or off:

- Press  the front of your karaoke system.
- Press again to turn off your karaoke system.

## Turning the screen on or off

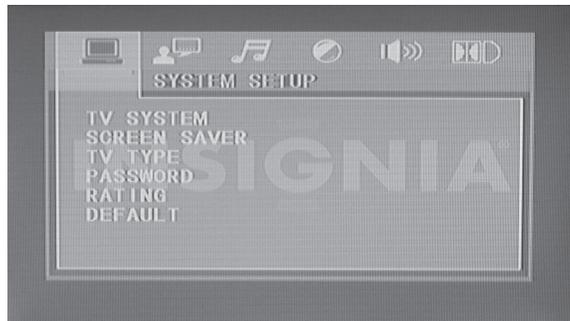
### To turn the screen on or off:

- Press **SCREEN ON/OFF** on the front of your karaoke system.

## Turning the screen saver on or off

### To turn the screen saver on or off:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press ◀ or ▶ to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press ▲ or ▼ to highlight **SCREEN SAVER**, then press ▶ to access the settings.
- 4 Press ▲ or ▼ to highlight **ON** or **OFF**, then press **ENTER** to confirm your selection.
- 5 Press ◀ to return to the previous screen, or press **SETUP** to close the menu.

## Adjusting the volume

### To adjust the volume:

- Rotate the **MIC VOLUME** knob on the front of your karaoke system to adjust the microphone volume.
- Rotate the **MASTER VOLUME** knob on the front of your karaoke system to adjust the master volume.
- Press **MUTE** on the remote control to mute the sound. Press again to restore the sound.

## Adjusting the balance between the left and right speakers

### To adjust the balance between the left and right speakers:

- Rotate the **BALANCE** knob.

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## Selecting the equalizer mode

### To select the equalizer mode:

- Press **EQ** repeatedly. You can select **Standard, Classic, Rock, Jazz** or **POP**.

## Adjusting the echo effect

### To adjust the echo effect:

- While you are singing into the microphone, rotate the **ECHO** knob.

## Selecting the audio source

### To select the audio source:

- 1 Insert a disc, USB flash drive, or SD memory card.
- 2 Press **DVD/USB/SD**. The media list opens.



- 3 Press **▲** or **▼** to highlight **DISC**, **USB**, or **CARD**, then press **ENTER**. If you do not have a media source inserted and you select that audio source, your karaoke system will go to a media source that is inserted. For example, if you have a disc inserted but do not have a USB flash drive inserted and you select USB, your karaoke system will automatically select **DISC**.

## Selecting the audio output mode for the internal speakers

**Note**

To select the audio output mode for a connected sound system, see "Selecting the audio output mode for a connected sound system" on page 18.

### To adjust the audio output mode for the internal speakers:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press ◀ or ▶ to highlight . The *DIGITAL SETUP* menu opens.



- 3 Press ▼ to highlight **DUAL MONO**, then press ▶ to access the settings.
- 4 Press ▲ or ▼ to select the audio output mode. You can select:
  - **STEREO**—Select this setting to send a different audio to each speaker. The audio must be in stereo format.
  - **MONO L**—Select this setting to send the audio to the left speaker only.
  - **MONO R**—Select this setting to send the audio to the right speaker only.
  - **MIX MONO**—Select this setting to send the same audio to both the left and right speakers.
- 5 Press **ENTER** to confirm your selection.
- 6 Press ◀ to return to the previous screen, or press **SETUP** to close the menu.

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## Selecting the audio output mode for a connected sound system

### To select the audio output mode for a connected sound system:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *AUDIO SETUP* menu opens.



- 3 Press **▼** to highlight **AUDIO OUT**, then press **▶** to access the settings.
- 4 Press **▲** or **▼** to select the audio output mode. You can select:
  - **SPDIF/OFF**—Select this setting if you do not have a sound system connected or if you connected a sound system to the **AUDIO OUT L/R** jacks.
  - **SPDIF/RAW**—Select this setting if you connected a sound system to the **COAXIAL** jack. The audio is played in its original format.
  - **SPDIF/PCM**—Select this setting if you connected a sound system to the **COAXIAL** jack. The audio is converted to 2-channel stereo.
- 5 Press **ENTER** to confirm your selection.
- 6 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

## Playing a disc

Your karaoke system plays DVDs with a region code of 1. Look for  on the disc or disc packaging.

### To play a disc:

- 1 Lift the **OPEN** tab on the top of your karaoke system to open the disc compartment.
- 2 Place a disc in the tray, then close the compartment cover.
- 3 Make sure that **DISC** is selected as the audio source. See “Selecting the audio source” on page 16.

- 4 Press **PLAY/PAUSE** ►|| to start playback.

### Playing from a USB flash drive

#### To play from a USB flash drive:

- 1 Insert a USB flash drive into the **USB** port on the front of your karaoke system.
- 2 Make sure that **USB** is selected as the audio source. See "Selecting the audio source" on page 16.
- 3 Press **PLAY/PAUSE** ►|| to start playback.

### Playing from an SD memory card

#### To play from an SD memory card:

- 1 Insert an SD memory card into the **SD** card slot on the front of your karaoke system.
- 2 Make sure that **CARD** is selected as the audio source. See "Selecting the audio source" on page 16.
- 3 Press **PLAY/PAUSE** ►|| to start playback.

### Controlling playback

#### To control playback:

- Press **PLAY/PAUSE** ►|| to pause playback, then press again to resume playback.
- Press **STOP** ■ to stop playback. If you press this button once, then press **PLAY/PAUSE** ►||, playback resumes where you stopped. If you press this button twice, then press **PLAY/PAUSE** ►||, playback resumes at the beginning of the disc.
- Press **REV** ◀◀ or **FWD** ▶▶ fast reverse or fast forward.
- Press **PREV** ◀◀ or **NEXT** ▶▶ to go to the previous or next track, chapter, or MP3 file.

### Recording audio

You can record the audio and singer's voice to a USB flash drive or SD memory card. The recording will be in MP3 format. The file name for the recording will be "Track XX.mp3."

#### To record audio:

- While playing a CD or a disc with MP3 files, press **RECORD** to record the audio and singer's voice to a USB flash drive or SD memory card.
- To stop recording, press **RECORD** again.

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## Displaying playback information

Playback information includes:

- Media type and track number of the file that is playing
- Elapsed time
- Speaker status (on or off)
- Repeat status

### To display playback information:

- Press **OSD**.
- Press **OSD** again to close the display.

## Changing the audio tone

You can adjust the audio tone (pitch) of the voice and music.

### To change the audio tone:

- During playback, press **KEY+** or **KEY-** to change the tone.
- Press **FLAT** to resume normal tone.

## Changing acoustic channels (CD types)

You can select the acoustic channel depending on whether you are playing a CD or CD+G.

This feature only works with CDs and CD+Gs.

### To change acoustic channels:

- During playback, press **L/R**.

## Selecting a chapter, track, or starting time

### To select a chapter, track, or starting time:

- 1 During disc playback, press **GOTO**. A bar with a highlight is displayed.
- 2 Press **◀** or **▶** to select a chapter or track, then press **ENTER**.  
OR  
Press **◀** or **▶** to move to the time item, press the number buttons to enter the starting time you want, then press **ENTER**.

## Selecting a track with the number buttons

### To select a track with the number buttons:

- During playback, press the number buttons for the track you want to play. For example, to play track 7, press **7**. To play track 11, press **1 1**.

## Repeating a chapter, title, or track

### To repeat a chapter, title, or track:

- During playback, press **REPEAT**.
  - For discs, you can select **repeat chapter, repeat title, repeat all, or repeat off**.
  - For a USB flash drive or an SD memory card, you can select **repeat track, repeat directory, repeat all, or repeat off**.
- To return to normal playback, press **REPEAT** until **repeat off** appears on the display.

## Creating a playback loop

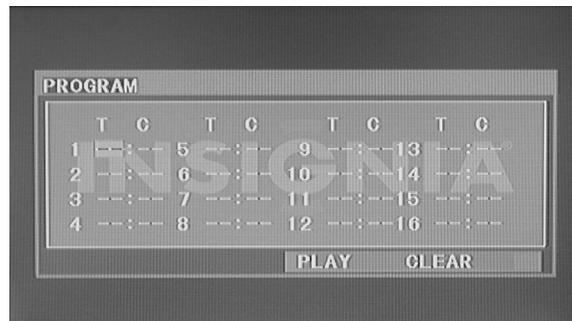
### To create a playback loop:

- 1 During playback, find the place where you want the loop to start, then press **A-B**.
- 2 Play the file until you come to the place where you want the loop to stop, then press **A-B**. Your karaoke system will play the loop continuously.
- 3 To cancel the playback loop and resume normal playback, press **A-B** twice.

## Creating a playback program

### To create a playback program:

- 1 During playback, press **PROG**. One of the following screens opens:  
**DVD**



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## MP3/WMA/CD/JPEG



- 2 Use the arrow buttons and number buttons to enter title/folder number and chapter/track number of the chapter/track you want to play.
- 3 Repeat Step 2 to enter additional selections. A program can have as many as 16 selections.
- 4 When you have finished creating your program, highlight **PLAY**, then press **ENTER**. The selections you made are played in the order you entered them.
- 5 If you want to change a selection, press **PROG**, highlight the selection, then enter a new selection. Highlight **PLAY**, then press **ENTER**.
- 6 To clear all the selections from the program, press **PROG**, highlight **CLEAR**, then press **ENTER**.

## Selecting a DVD title and chapter with the title menu

### To select a DVD title and chapter with the title menu:

- 1 During DVD playback, press **TOP MENU** to display the title list.
- 2 Press **▲** or **▼** to highlight the title you want to play, then **◀** or **▶** to move to the chapter list.
- 3 Press **▲** or **▼** to highlight the chapter you want to play, then press **ENTER**.

## Selecting a DVD chapter with the main menu

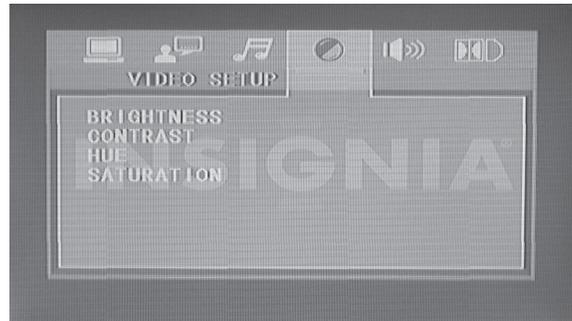
### To select a DVD chapter with the main menu:

- 1 During disc playback, press **MENU**. The main menu opens with a list of chapters. The currently playing chapter is highlighted.
- 2 Press **▲** or **▼** to highlight the chapter you want to play, then press **ENTER**.

## Adjusting video settings

### To adjust video settings:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *VIDEO SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight an option, then press **▶** to access the settings. You can select:
  - **BRIGHTNESS**—Adjusts the brightness of dark areas of the picture.
  - **CONTRAST**—Adjusts the white level of the picture.
  - **HUE**—Adjusts the color.
  - **SATURATION**—Adjusts the color intensity.
- 4 Press **▲** or **▼** to adjust the setting, then press **ENTER** to confirm.
- 5 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

## Selecting a DVD viewing angle

Some DVDs have scenes recorded from different viewing angles.

### To select a DVD viewing angle:

- Press **ANGLE** one or more times. The viewing angle will change if multiple viewing angles are available.

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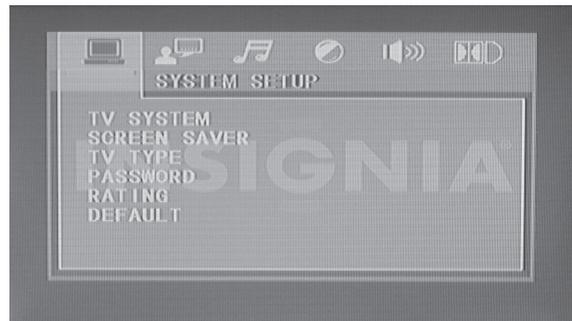
## Selecting the aspect ratio

### Note

You can also press **WIDE** to select the aspect ratio.

### To select the aspect ratio:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight **TV TYPE**, then press **▶** to access the settings.
- 4 Press **▲** or **▼** to highlight an aspect ratio. You can select:
  - **4:3 PS**—Select this option if you have connected a TV or monitor with a 4:3 aspect ratio. When playing video or pictures with a 16:9 aspect ratio, the left and right parts of video or picture are cut off.
  - **4:3 LB**—Select this option if you have connected a TV or monitor with a 4:3 aspect ratio. When playing video or pictures with a 16:9 aspect ratio, the full image is displayed. Black bars appear at the top and bottom of the image.
  - **16:9**—Select this option if you have connected a TV or monitor with a 16:9 wide screen aspect ratio.
- 5 Press **ENTER** to confirm your selection.
- 6 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

## Zooming in on a video image or photo

### To zoom in on a video image or photo:

- Press **ZOOM**.
- Press **ZOOM** again to return to normal viewing

## Viewing a video frame by frame

### To view a video frame by frame:

- During video playback, press **STEP**. Each time you press **STEP**, the video advances one frame.
- Press **PLAY/PAUSE** ►|| to resume normal playback.

## Viewing a video in slow motion

### To view a video in slow motion:

- Press **SLOW**. Each time you press **SLOW**, the speed changes.
- Press **PLAY/PAUSE** ►|| to resume normal playback.

## Selecting languages on DVDs

Some DVDs have multiple language for:

- Audio
- Subtitles
- Menus

### To select languages on DVDs:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press ◀ or ▶ to highlight **LANGUAGE**. The *LANGUAGE SETUP* menu opens.



- 3 Press ▲ or ▼ to highlight a language option, then press ▶ to access the settings. You can select:
  - **AUDIO LANG**—Selects the language you hear when playing a DVD. You can also press **AUDIO** to select the audio language.
  - **SUBTITLE LANG**—Selects the language you see in subtitles. You can also press **SUBTITLE** to select the subtitle language.
  - **MENU LANG**—Selects the language for the on-screen menus.
- 4 Press ▲ or ▼ to select an language. The available languages depend on the DVD.

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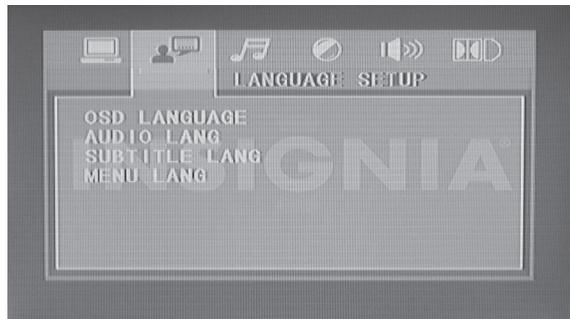
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- 5 Press **ENTER** to confirm your selection.
- 6 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

## Selecting the on-screen menu language

### To select the on-screen menu language:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *LANGUAGE SETUP* menu opens.

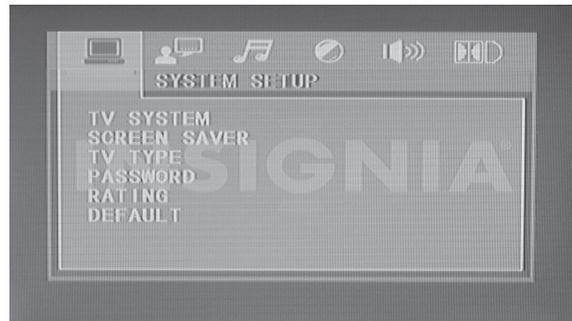


- 3 Press **▲** or **▼** to highlight **OSD LANGUAGE**, then press **▶** to access the settings.
- 4 Press **▲** or **▼** to select a language. You can select **English**, **French**, or **Spanish**.
- 5 Press **ENTER** to confirm your selection.
- 6 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

## Changing the DVD parental control password

### To change the DVD parental control password:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight **PASSWORD**, then press **▶** to access the password setting.
- 4 If you have not set a password, press the number buttons to enter **8888** (default password) or if you have set a password, press the number buttons to enter your password.
- 5 Press **ENTER**, then press **▶** to access the password setting again.
- 6 Press the number buttons to enter the new password, then press **ENTER** to confirm.
- 7 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

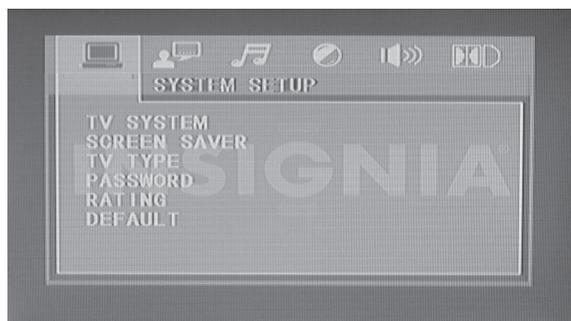
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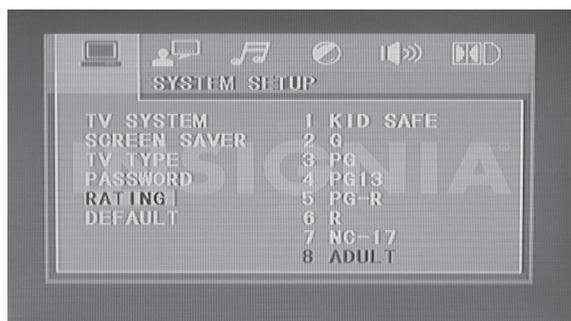
## Setting DVD parental controls

### To set DVD parental controls:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight **PASSWORD**, then press **▶** to access the password setting.
- 4 Press the number buttons to enter the password, then press **ENTER**. The default password is **8888**. The parental locks are turned off.
- 5 Press **▲** or **▼** to highlight **RATING**, then press **▶** to access the rating settings.



- 6 Press **◀▶▲▼** to select a rating. The rating you select and all higher ratings are blocked.
- 7 Press **ENTER** to confirm your selection.
- 8 Press **▲** or **▼** to highlight **PASSWORD**, then press **▶** to access the password setting.

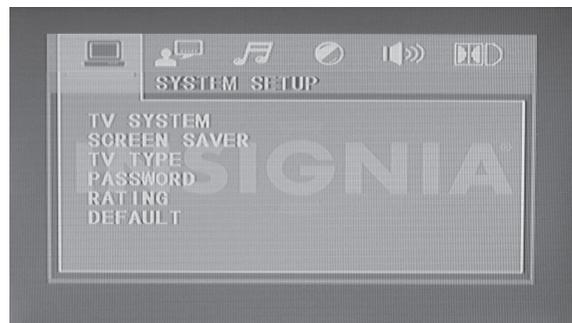
- 9 Press the number buttons to enter the password, then press **ENTER**. The parental locks are turned on.
- 10 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

**Note**

- If you try to watch a DVD with a locked rating, you will be prompted to enter your password.
- After you watch a DVD with a locked rating, the parental locks will automatically turn back on.

**Selecting the TV system for a connected TV****To select the TV system for a connected TV:**

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight **TV SYSTEM**, then press **▶** to access the settings.
- 4 Press **▲** or **▼** to highlight **NTSC** or **PAL**, then press **ENTER** to confirm your selection.
- 5 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

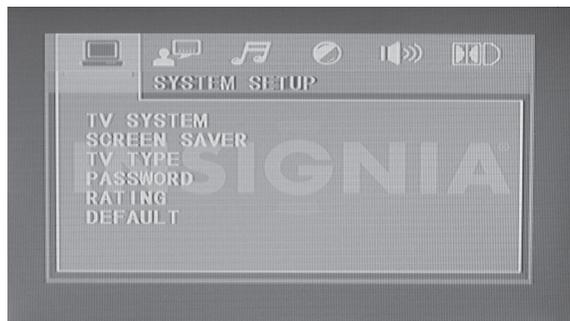
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## Resetting all settings to the factory defaults

### To reset all settings to the factory defaults:

- 1 Press **SETUP**. The on-screen menu opens.
- 2 Press **◀** or **▶** to highlight . The *SYSTEM SETUP* menu opens.



- 3 Press **▲** or **▼** to highlight **DEFAULT**, then press **▶** to access the setting.
- 4 Select **RESTORE**.
- 5 Press **◀** to return to the previous screen, or press **SETUP** to close the menu.

#### Note

When reset settings to the factory defaults, the password and parental locks settings will not be reset.

## Viewing JPEGs

### To view JPEGs:

- 1 Insert a disc, USB flash drive, or SD memory card that contains JPEG files.
- 2 Press **DVD/USB/SD**. The media list opens.
- 3 Press **▲** or **▼** to highlight **DISC**, **USB**, or **CARD**, then press **ENTER**. Your karaoke system displays the files on the inserted media.



- 4 Press **◀** to preview the highlighted file.



- 5 To control playback:
  - Press **▲** or **▼** to select a JPEGs file, then press **ENTER** to confirm the selected file.
  - Press **PLAY/PAUSE** **▶||** to play or pause.
  - Press **▲**, **▼**, **◀**, or **▶** on the remote control to rotate an image.
  - Press **ZOOM** to enlarge an image.

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## Troubleshooting

Problem	Solution
<b>Power source</b>	
No power	Make sure that the AC/DC adaptor is connected. See "Connecting the power cord" on page 13. Your karaoke system is not turned on. See "Turning your karaoke system on or off" on page 14.
No power when plugged in	<ul style="list-style-type: none"> <li>• Test the power outlet by plugging in another appliance and turning it on.</li> </ul>
<b>Remote control</b>	
The remote control does not work	<ul style="list-style-type: none"> <li>• Remove any obstacles between the remote and your karaoke system.</li> <li>• Use the remote near your karaoke system.</li> <li>• Point the remote to the remote sensor on your karaoke system.</li> <li>• Replace all batteries in the remote control.</li> </ul>
<b>DVD</b>	
No picture	<ul style="list-style-type: none"> <li>• The region number of the DVD does not match the region number of your karaoke system. Your karaoke system plays DVDs with a region code of 1 or All.</li> <li>• Make sure that video jacks are securely connected. See "Playing the video through an S-Video display device" on page 14 or "Playing the video through an AV display device" on page 14.</li> <li>• Make sure that you have selected to the corrected AV input for your TV. See the documentation that came with your TV.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>• Make sure that audio jacks are securely connected. See "Playing the audio through a digital coaxial sound system" on page 13 or "Playing the audio through an analog sound system" on page 14.</li> <li>• Make sure that volume is turned up.</li> <li>• Make sure that you have selected to the corrected AV input for your TV. See the documentation that came with your TV.</li> <li>• Your karaoke system is muted.</li> </ul>
The picture is not clear or jumpy	<ul style="list-style-type: none"> <li>• Clean the disc. See "Cleaning discs" on page 33.</li> <li>• The disc is scratched. Try another disc.</li> </ul>

Problem	Solution
<b>CD+G Karaoke</b>	
The disc does not play	<ul style="list-style-type: none"> <li>• There is no disc inside your karaoke system.</li> <li>• Insert the disc correctly with the playback side facing down.</li> <li>• Clean the disc. See "Cleaning discs" on page 33.</li> </ul>
No song lyrics appear on the TV screen	<ul style="list-style-type: none"> <li>• Connect the video cable to your karaoke system's <b>VIDEO OUT</b> jack and to the TV's <b>VIDEO IN</b> jack.</li> <li>• Make sure that you have selected to the corrected AV input for your TV. See the documentation that came with your TV.</li> <li>• Clean the CD+G. See "Cleaning discs" on page 33.</li> </ul>

## Maintaining

### Storing discs

- Do not store discs in a place that is exposed to direct sunlight or heat.
- Do not store discs in a place that is exposed to moisture and dust, such as a bathroom or near a humidifier.
- Store discs vertically in their cases. Stacking discs or placing objects on discs when not in their cases may cause warping.

### Handling discs

- To keep a disc clean, do not touch the play side (non-label side) of the disc.
- Do not attach paper or tape to the disc.



### Cleaning discs

- Before playback, wipe the disc outwards from the center (not in a circle) with a clean cloth.



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## Specifications

Specifications are subject to change without notice. Measurements and weights may vary slightly.

Audio	Output (maximum): 5W + 5W (RMS) Impedance: 8 Ohms
CD/DVD player	Frequency response: 100Hz to 20 kHz Signal-to-noise ratio: 50dB Number of programs: 16 steps random access programming Sampling system: 8 times over
Compatible discs	CD, CD+G, DVD Region code 1 
Microphone	-72dB 600 Ohms impedance with 6.3 dynamic microphone
AC power	120V ~ 60Hz
Dimensions (H x W x D)	8.7 x 17.3 x 9.6 inches (22.1 x 44.0 x 24.6 cm)
Weight	8 lbs (4 kg)

## Glossary of karaoke terms

### Echo

Adds depth and resonance to a singer's voice without affecting the music. The echo effect is produced by creating minor controlled feed-back in the singer's voice.

### Multiplex

Some multiplex CD+Gs have two versions of a song. One version is a stereo recording without the lead singer. The other version is recorded with music and background vocals on the left channel and the lead singer recorded on the right channel. The "split-track" recording lets you control the volume of the lead singer by rotation the **BALANCE** knob. You can sing a duet with the lead singer or use the lead singer as a guide while you learn the song, gradually fading out the lead singer voice until you can sing the song alone.

### Auto Voice Control (AVC)

When AVC is activated, the vocals on a multiplex CD stop playing when a singer begins singing through the microphone. When the singer stops singing, the vocals on the CD start playing again. This feature only works with multiplex CDs.

## CD+G

Stands for “Compact Disc plus Graphics.” A CD+G has a video track that displays the song lyrics in sync with the music. The lyrics usually change color as when they are to be sung.

## 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.

### FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

### DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

### Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

### Dolby License Notice and Trademark Acknowledgement

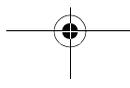
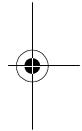
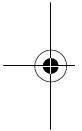


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## One-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new product ("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 30 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. Should the Insignia-approved repair person not correct the issue on the first call, an Insignia television (size and features to be determined by Insignia) will be loaned to you until your TV is repaired and returned, at no charge to you. This feature is only available to Insignia television consumers residing in the United States.

### ***Where is the warranty valid?***

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

### ***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

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- 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

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Contact Insignia:

For customer service please call 1-877-467-4289  
[www.insignia-products.com](http://www.insignia-products.com)

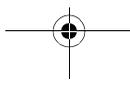
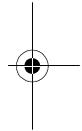
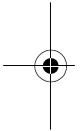
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