

User Guide



Boombox with iPod® Dock

NS-B3112A

Before using your new product, please read these instructions to prevent any damage.

Insignia NS-B3112A

Boombox with iPod® Dock

Contents

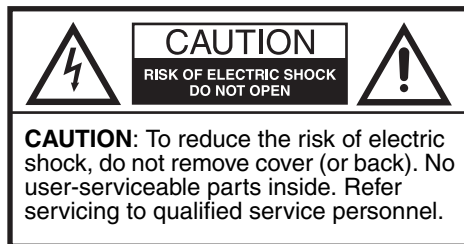
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Welcome

Congratulations on your purchase of a high-quality Insignia product. Your NS-B3112A represents the state of the art in boomboxes and is designed for reliable and trouble-free performance.

Safety information

To prevent fire or shock hazard, do not plug the power adapter into an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent fire or shock hazard, do not expose this boombox to rain or moisture.



Surge protectors:

We recommend that you use a surge protector when you use the AC adapter with this boombox. Lightning and power surges ARE NOT covered under the warranty for this product.



The lightning flash with arrowhead symbol within a triangle is intended to alert you to the presence of uninsulated dangerous voltage within your boombox's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



The exclamation point within a triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying your boombox.



Your boombox utilizes a Class 1 laser to read Compact Discs. Your boombox is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks are defeated. Invisible laser radiation is present when the CD door is open and the system's interlock has failed or been defeated. You should avoid direct exposure to the laser beam at all times. Do not attempt to defeat or bypass the safety switches.

Warning

To reduce the risk of fire or electric shock, do not expose your boombox to rain or moisture.

Warning

Any use of the controls or an adjustment to the procedures other than those specified herein may result in hazardous radiation.

Caution

Any change or modification to your boombox not expressly approved by Insignia or its authorized parties could void your authority to operate your boombox.

Caution

Your boombox should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on it.

Read instructions

Read all the safety and operating instructions before you use your boombox.

Retain instructions

Retain safety and operating instructions for future reference.

Follow warnings and instructions

Follow all warnings on your boombox and in the operating instructions. Follow all operating and use instructions.

Grounding or polarization

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 grounding prong. The wide blade or grounding prong are provided for your safety. If the plug does not fit, contact an electrician to replace the obsolete outlet.

Placement

When placing your boombox on a lacquered or natural finish, protect your furniture with a cloth or other protective material.

Avoid exposure to direct sunlight, temperature extremes, and moisture.

Ventilation

Slots and openings in the cabinet and the back or bottom are provided for ventilation, reliable operation, and protection from overheating. These openings must not be blocked or covered. Do not block the openings by placing your boombox on a bed, sofa, rug, or other similar surface.

Water and moisture

Do not use your boombox near water. For example, do not use it near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

Do not let water splash or drip onto your boombox. Do not place objects containing liquids, such as a vase, on top of your boombox.

The AC power adapter is used as the disconnect device. It should remain readily accessible and should not be obstructed during use. To completely disconnect power, the AC power adapter should be unplugged from the AC power outlet completely.

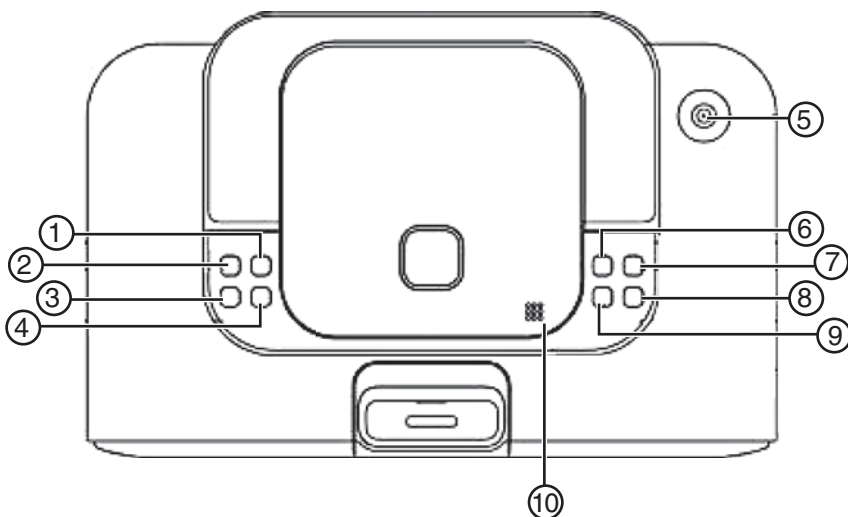
The marking plate of the AC adapter is located on the bottom of the adapter.

Features

Package contents:

- Boombox
- AC power adapter
- *User Guide*

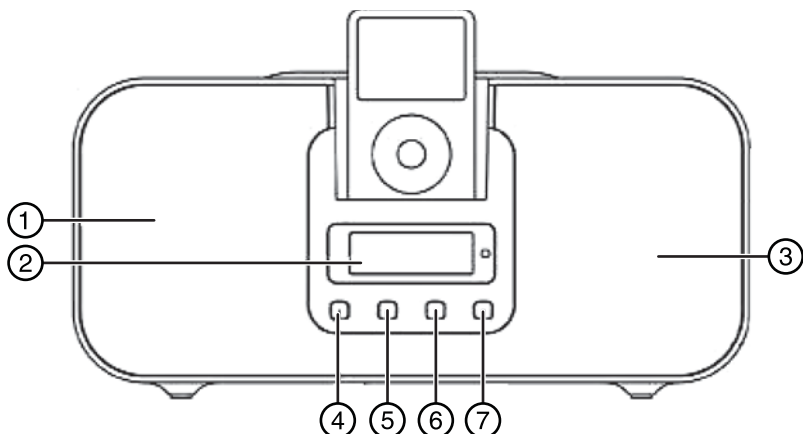
Top panel



#	Description	Function
1	STOP button	Press to stop CD playback.
2	PLAY/PAUSE button	Press to begin CD playback or iPod® playback when your iPod® is connected to the boombox. Press again to pause playback.
3	SKIP/TUNE DOWN button	In radio mode, press to tune or scan the your boombox to a lower frequency. In CD or iPod® mode, press to skip to the previous track.
4	SKIP/TUNE UP button	In radio mode, press to tune or scan the your boombox to a higher frequency. In CD or iPod® mode, press to skip to the next track.
5	FM antenna	Telescoping antenna to improve FM reception.
6	FUNCTION button	Press to select the function of your boombox. Choices include AM , FM , CD , iPod® , or Line-in .
7	⏻ Standby/ON button	Press to turn on your boombox. Press again to return your boombox to standby mode.

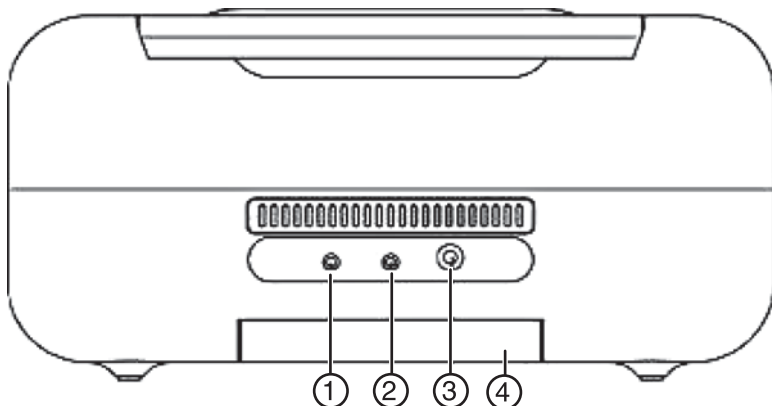
#	Description	Function
8	Volume up button	Press to increase the volume.
9	Volume down button	Press to decrease the volume.
10	CD compartment	Place a CD label side up in this compartment to begin playback.

Front panel



#	Description	Function
1	Left speaker	Produces sound from left stereo channel.
2	LCD display	Provides information about the radio and CD functions.
3	Right speaker	Produces sound from right stereo channel.
4	BASS/TREBLE button	Press repeatedly to adjust the bass and treble settings of your boombox. The settings will be stored and shown on the bass or treble indicator on the display (on the front of your boombox).
5	SOUND button	Press to select a preset sound equalization setting. Choices include JAZZ , POP , CLASSIC , ROCK , or FLAT (no equalization and no display).
6	PRESET/PLAY MODE button	In radio mode, press to tune to a preset station. In CD playback mode, press to cycle through repeat, random, or intro options.
7	MEMORY button	In radio mode, press to tune to a preset station.

Back panel



#	Description	Function
1	Line in jack	Connect a cable from an external audio source to this input jack to hear the sound through your boombox.
2	Headphone jack	Connect headphones to this jack.
3	DC IN jack	Insert the small connector from the AC power adapter here.
4	Battery compartment	Install eight (8) "C" size batteries in this compartment.

Setting up your boombox

Using the AC power adapter

To use the AC power adapter:


- 1 Make sure that your local AC power source matches the voltage shown on the plate located on the AC power adapter. If it does not, consult your dealer or service center.
- 2 Insert the small connector at the end of the AC power adapter cable into the **DC IN** jack on the back of your boombox.

- 3 Plug the AC power adapter into a wall power outlet.

Caution

To protect your boombox during thunderstorms, unplug the AC power adapter from the AC power outlet.

Note

Only use the supplied AC power adapter, which has the following specifications: DC=12V 1.5A . Unplug both the DC plug and the adapter when not in use. The batteries are automatically bypassed when the AC power adapter is used.

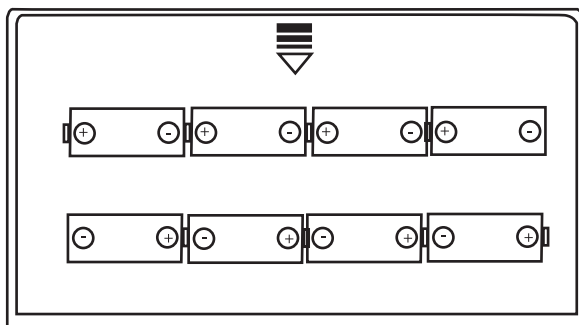
- Power Adapter Electrical Specs: 100-240 V ~ 50-60 Hz, 0.45A

- Device Electrical Specs: 12 VDC, 1.5 A

Installing the batteries

To install the batteries:


- 1 Turn your boombox over, then open and remove the door to the battery compartment.



- 2 Insert eight (8) "C" size batteries into the battery compartment. Make sure that you match the + and - symbols on the batteries with the + and - symbols in the battery compartment.
- 3 Reinstall and close the battery compartment door and return your boombox to the upright position.

Note

The AC power adapter must be disconnected from the DC IN jack on the back of your boombox in order for your boombox to operate on battery power.

When the battery indicator  appears in the display, you need to replace the batteries.

Caution

Follow these precautions when using batteries in this device:

- Use only the size and type of batteries specified.
- Make sure that you follow the correct polarity as indicated in the battery compartment when installing batteries. Reversed batteries may cause damage to your boombox.
- Do not mix different types of batteries together (for example, alkaline, rechargeable, and carbon zinc), or semi-used batteries with fresh ones.
- If your boombox is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries not intended to be recharged, because they can overheat and rupture. (Follow battery manufacturer's directions.)
- Do not throw batteries into a fire. Dispose of used batteries as hazardous waste.

Connecting headphones

To connect headphones:

- Plug the headphones (not included) into the headphone jack on the back of the unit.

Caution

Listening to music with the volume too loud can damage your hearing. Before you connect headphones, turn the volume down. After you put on the headphones, gradually increase the volume to a comfortable level.

Connecting an iPod® to your boombox

You can connect an iPod® (not included) to your boombox so you can listen to the songs stored on your iPod®.

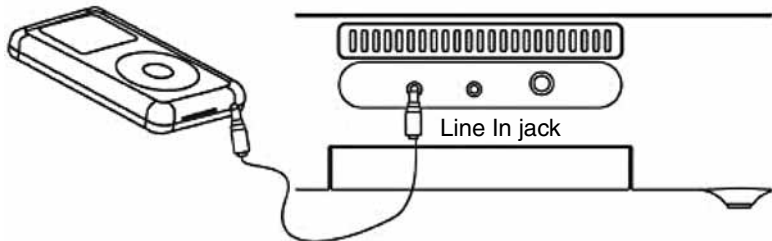
To connect an iPod® to your boombox:

- 1 Make sure that your boombox is turned off.
- 2 Insert your iPod® into the dock on the front of your boombox.

Listening to another audio device

To listen to another audio device:

- 1 Make sure the boombox is turned off
- 2 Plug one end of the auxiliary line-in cable (not included) into the **Line-in** jack on the back of your boombox.



- 3 Plug the other end of the cord into the **Line-out** jack on the audio device.
- 4 Turn on the boombox.
- 5 Press **FUNCTION** one or more times until **Line-in** appears on the display.
- 6 Use the controls on the audio device to control playback.

Using your boombox

Playing the radio


To play the radio:

- 1 Press **⏻** (Standby/on) to turn on the boombox.
- 2 Press **FUNCTION** repeatedly to select the radio band you want to listen to (AM or FM)
- 3 Press **SKIP/TUNE UP** or **SKIP/TUNE DOWN** to tune the radio up or down and select the station you want. When a strong FM signal is received, **Stereo** appears on the display.
- 4 Adjust the volume to a comfortable level by pressing either the **VOLUME UP** or **VOLUME DOWN** button.
- 5 To scan to a higher or lower frequency, press and hold **SKIP/TUNE UP** or **SKIP/TUNE DOWN** for one second. The radio automatically scans to the next station.
- 6 Press **⏻** (Standby/on) to turn off the boombox.

To improve reception:

- For FM reception, raise and extended the FM antenna. You may have to reposition the antenna for best reception.
- For AM reception, turn your boombox slightly until reception improves.
- Move the AC power adapter 3 feet away from your boombox to reduce interference to radio reception.

To use presets:

- 1 Press  (Standby/on) to turn on your boombox.
- 2 Press **FUNCTION** repeatedly to select the radio band you want to listen to (AM or FM).
- 3 Press **SKIP/TUNE UP** or **SKIP/TUNE DOWN** to tune the radio up or down and select the station you want.
- 4 To save the station as a preset, press the **MEMORY** button. "P-01" blinks on the display.
- 5 Press **SKIP/TUNE UP** or **SKIP/TUNE DOWN** to select the preset number (P01-P10) you want.
- 6 Press the **MEMORY** button again to store the preset.
- 7 Repeat Steps 3 to 5 to store as many as 10 AM presets and 10 FM presets.
- 8 To select a preset station, briefly press **PRESET/PLAY** repeatedly until you reach the station you want.


Playing CDs

You can play audio CDs, CD-Rs and CD-RWs.

Caution

Do not try to play DVDs, VCDs, or data CDs. You may damage your unit.

To play CDs:

- 1 Press  (Standby/on) to turn on the boombox.
- 2 Press the **OPEN/CLOSE** area on the CD door to open the lid.
- 3 Insert a CD, label side up.
- 4 Press the **OPEN/CLOSE** area on the CD door to close it. The total number of tracks appears on the display.
- 5 Press **PLAY/PAUSE** to begin playback. The current track appears on the display. The CD stops when finished.

- 6 Press **STOP** to stop the CD before it is finished.

Notes

If a CD is inserted incorrectly, is dirty or damaged, or is not present at all, **NO** appears on the display.

To prevent damage to the CD, never open the CD door while the CD is rotating and never touch the lens.

Do not use the carrying handle when playing a CD. The CD player should only be used on a steady surface.

Your CD boombox plays standard CDs and 3" CDs.

To pause CD playback:

- 1 Press **PLAY/PAUSE**. Playback stops but the CD continues to spin and the playback symbol blinks on the display.
- 2 Press **PLAY/PAUSE** again to resume normal CD playback.

To repeat one track:

- 1 Press **PRESET/PLAY MODE** while in play/pause mode. **Repeat** appears on the display.
- 2 To repeat another track, press **SKIP/TUNING UP** or **SKIP/TUNING DOWN**.
- 3 To cancel repeat single track, press **PRESET/PLAY MODE** four times.

To repeat everything on the disc:

- 1 Press **PRESET/PLAY MODE** twice while in play/pause mode. **Repeat All** appears on the display and all tracks will repeat continuously.
- 2 To cancel repeat playback, press **PRESET/PLAY MODE** until the repeat indicator disappears from the display.

To randomly play the tracks on a CD:

- 1 Press **PRESET/PLAY MODE** three times while in play/pause mode. **Random** appears on the display and the CD tracks will play randomly.
- 2 To cancel random play, press **PRESET/PLAY MODE** until the random indicator disappears from the display.

To Intro all the tracks on the disc:

- 1 Press **PRESET/PLAY MODE** four times while in play/pause mode. **Intro** appears on the display and the first 10 seconds of all tracks on the disc will be played.
- 2 To cancel Intro playback, press **PRESET/PLAY MODE** until the Intro indicator disappears from the display.

Selecting the sound equalization

To change the sound equalization:

- 1 Press **SOUND** to select the sound equalization you want. Choose one of the following preset options: **JAZZ**, **POP**, **CLASSIC**, **ROCK**, or **FLAT** (no equalization and no display).
- 2 Briefly press **BASS/TREBLE**, then press **SKIP/TUNING UP** or **SKIP/TUNING DOWN** to set bass and treble levels. The Bass or Treble indicator is shown on the display.

Using an iPod® with your boombox

To listen to the iPod®:

- 1 Make sure that your iPod® is installed on your boombox.
- 2 Turn on your boombox.
- 3 Press **PLAY/PAUSE** to start playback.
- 4 Adjust the volume to a comfortable level by pressing either the **VOLUME UP** or **VOLUME DOWN** button.

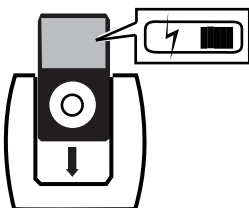
Notes

The default volume setting level is 6. If you adjust the volume setting then turn off your boombox, it will resume the default volume level of 6 when you turn it back on.

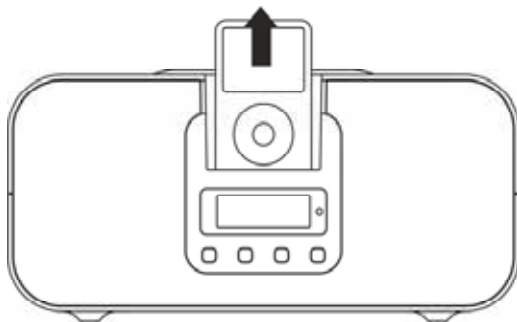
- 5 Press **SKIP/TUNE UP** or **SKIP/TUNE DOWN** to skip to the beginning of the current, last, or next track.

To charge the iPod® battery:

- 1 Turn on your iPod®.
- 2 Insert the iPod®. The battery charging indicator appears on the iPod® display.




To remove your iPod® from the boombox, pull out the iPod® with your finger, as shown in the illustration.



Troubleshooting

Caution

Do not try to repair the boombox yourself. Doing so will invalidate your warranty.

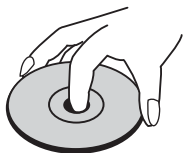
Problem	Possible cause	Solution
CD player will not play	A CD is not inserted, or is inserted incorrectly.	Insert the CD with the label facing up.
A CD skips while playing	The CD is dirty or scratched.	Wipe the CD with a cloth to clean it, or use another CD.
Noise or sound distorted on AM or FM radio broadcasts	FM—The antenna is not extended.	Extend the FM antenna.
	AM—Your boombox is not positioned correctly.	Rotate your boombox until the best reception is obtained.
No sound	The volume control is turned down.	Increase the volume.
	The AC power adapter is unplugged.	Plug in the AC power adapter and press  (Standby/on) to turn on your boombox.
	No batteries, dead batteries, or batteries not installed correctly.	Make sure that you have installed fresh batteries and that they are installed correctly.
No sound in iPod® mode	The iPod is not connected correctly.	Make sure that the connection is correct.
	Your boombox is not in iPod® mode.	Press FUNCTION to select iPod® mode.
Not charging the iPod® battery	The AC power adapter is not plugged in.	Plug in the AC power adapter.

Maintaining

Care and handling of discs

Handling discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.

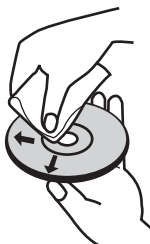


Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

Cleaning discs

Fingerprints and dust on the disc can cause poor sound quality and distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

Cleaning your boombox

To prevent fire or shock hazard, disconnect your CD boombox from the AC power source when cleaning.

The finish on your CD boombox may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.

Mild soap and a damp cloth may be used on the front panel.

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.

90-day limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-B3112A** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of 90 days 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 90 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, 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
- 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, call 1-877-467-4289 (U.S. and Canada) or
01-800-926-3000 (Mexico)
www.insigniaproducts.com

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