

INSIGNIA™

# 2.1 Bluetooth Computer Speakers

NS-PSB4521/NS-PSB4521-C



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

# INSIGNIA™

## Contents

---

Important Safety Instructions .....	1
Setting up your speaker system .....	4
Turning your speaker system on or off .....	4
Connecting a device using an audio cable .....	5
Using your speaker system in Bluetooth mode.....	5
Pairing with a Bluetooth device .....	5
Reconnecting to a paired device .....	6
Connecting to a different device .....	6
Selecting a sound source .....	6
Playing from a Bluetooth device .....	6
Troubleshooting .....	6
Specifications .....	6
Legal notices .....	7
ONE-YEAR LIMITED WARRANTY - INSIGNIA .....	8

## Important Safety Instructions

- 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 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.

### Warnings

- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your speaker system. This label is located on the back of your speaker system.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your speaker system.

## 2.1 Bluetooth Computer Speakers

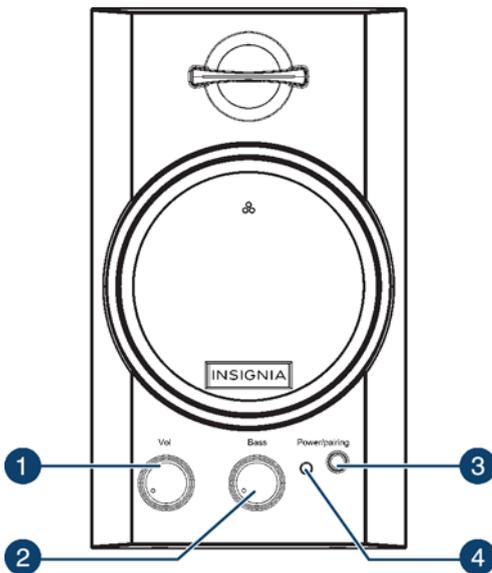
### Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-PSB4521 represents the state of the art in Bluetooth speaker design and is designed for reliable and trouble-free performance.

#### Package contents

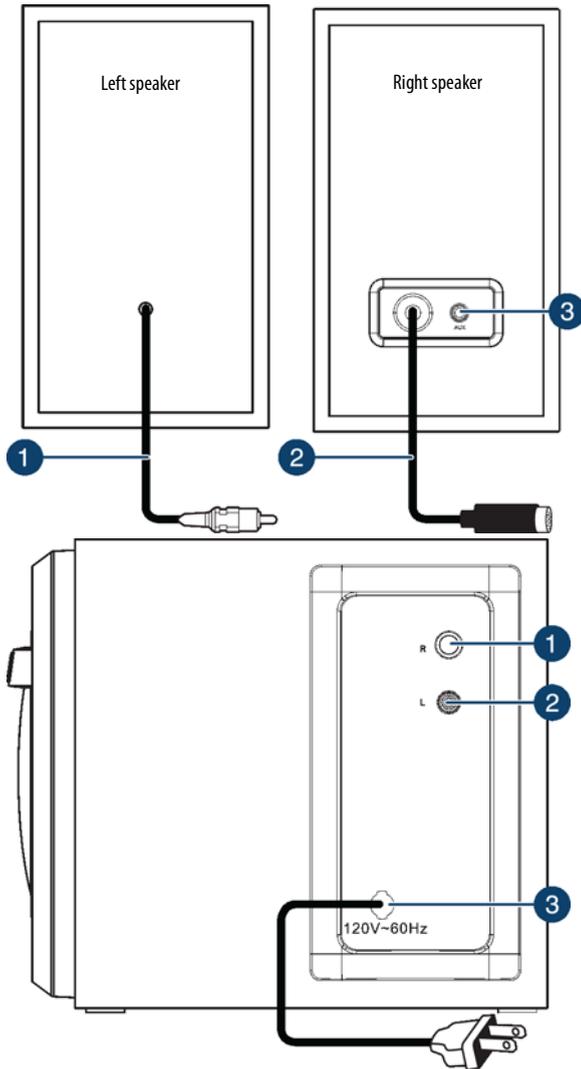
- 2.1 Bluetooth Computer Speakers which includes:
  - Subwoofer with an attached 5-foot (1.5-meter) power cord
  - Right satellite speaker with an attached 5-foot (1.5-meter) cable
  - Left satellite speaker with an attached 5-foot (1.5-meter) cable
- 3.5mm stereo audio cable 5-foot (1.5-meter)
- *Quick Setup Guide*

#### Front of right speaker



#	Item	Description
1	Vol	Turn to increase or decrease the volume level. The default level is 50%.
2	Bass	Turn to increase or decrease the bass level. The default level is 50%.
3	Power/pairing	Press for about half a second to turn your speaker system on or off. See <a href="#">“Turning your speaker system on or off”</a> on page 4. Press and hold for three seconds to enter pairing mode. See <a href="#">“Pairing with a Bluetooth device”</a> on page 5.
4	LED	<b>Blue and blinking slowly</b> —Your speaker system is turned on and is not in pairing mode. <b>Blue and blinking rapidly</b> —Your speaker system is in pairing mode. <b>Blue and solidly lit</b> —Your speaker system is paired to a Bluetooth device. <b>Green and solidly lit</b> —Your speaker system is in AUX IN mode. See <a href="#">“Connecting a device using an audio cable”</a> on page 5.

## Back of speakers

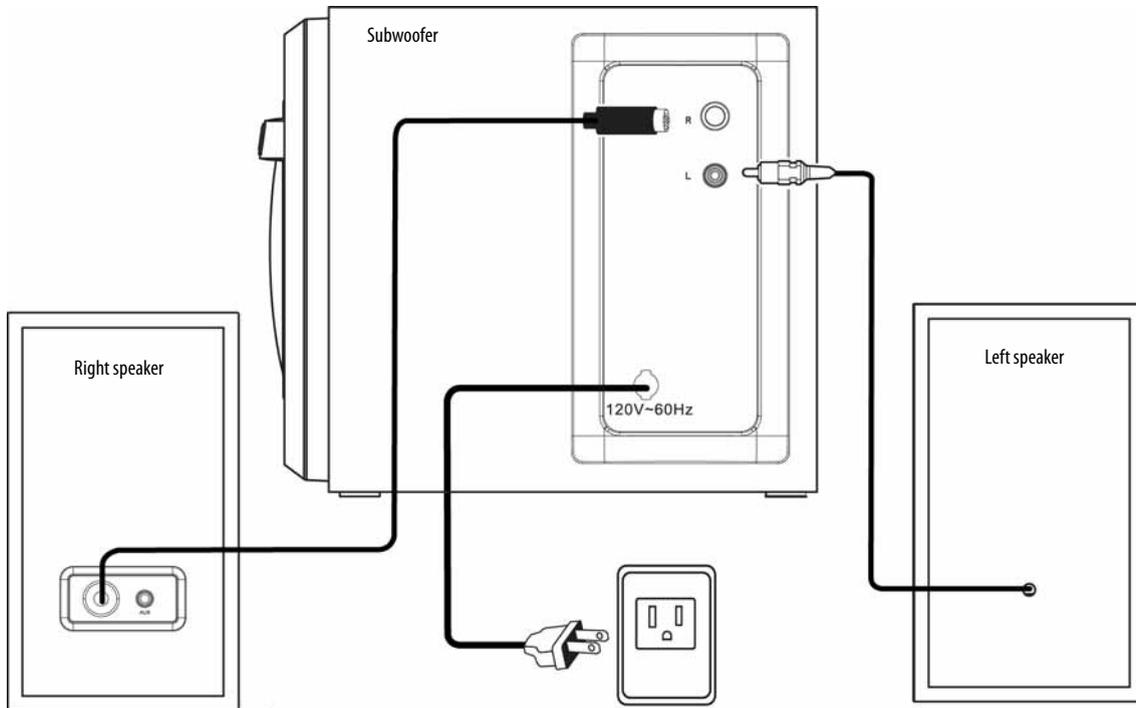


#	Item	Description
1	Audio cable	Plug this cable into the L jack on the subwoofer. See <a href="#">"Setting up your speaker system"</a> on page 4.
2	Audio cable	Plug this cable into the R jack on the subwoofer. See <a href="#">"Setting up your speaker system"</a> on page 4.
3	AUX jack	Plug the 3.5mm stereo audio cable into this jack and into the audio out or headphone jack on an audio device. See <a href="#">"Connecting a device using an audio cable"</a> on page 5.

## Subwoofer

#	Item	Description
1	R jack	Plug the cable attached to the right speaker into this jack.
2	L jack	Plug the cable attached to the left speaker into this jack.
3	Power cord	Plug the power cord into a power outlet.

## Setting up your speaker system



### To set up your speaker system for Bluetooth:

- 1 Place the speaker system on a flat stable surface. Make sure that your speaker system is at least 5 feet (1.5 meters) away from a video device such as a TV or computer monitor because your speaker system is not video shielded. An unshielded video cable can cause video distortions or permanently damage a video display.
- 2 Plug the cable attached to the left speaker into the **L** jack on the subwoofer.
- 3 Plug the cable attached to the right speaker into the **R** jack on the subwoofer.
- 4 Plug the power cord attached to the subwoofer into a power outlet.

#### Notes

- When unplugging the power cord, pull the plug and not the cable.
- We recommend using a surge protector.
- Do not bundle the power cord with the speaker cables to avoid audio distortion.

## Turning your speaker system on or off

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

- To turn on your speaker system, press the **Power/pairing** button for about half a second. Your speaker system turns on and automatically enters pairing mode. The blue LED blinks rapidly.

#### Note

Your speaker system stays in pairing mode for 10 minutes, then exits pairing mode (the blue LED blinks slowly). To start pairing mode again, press the **Power/pairing** button for three seconds.

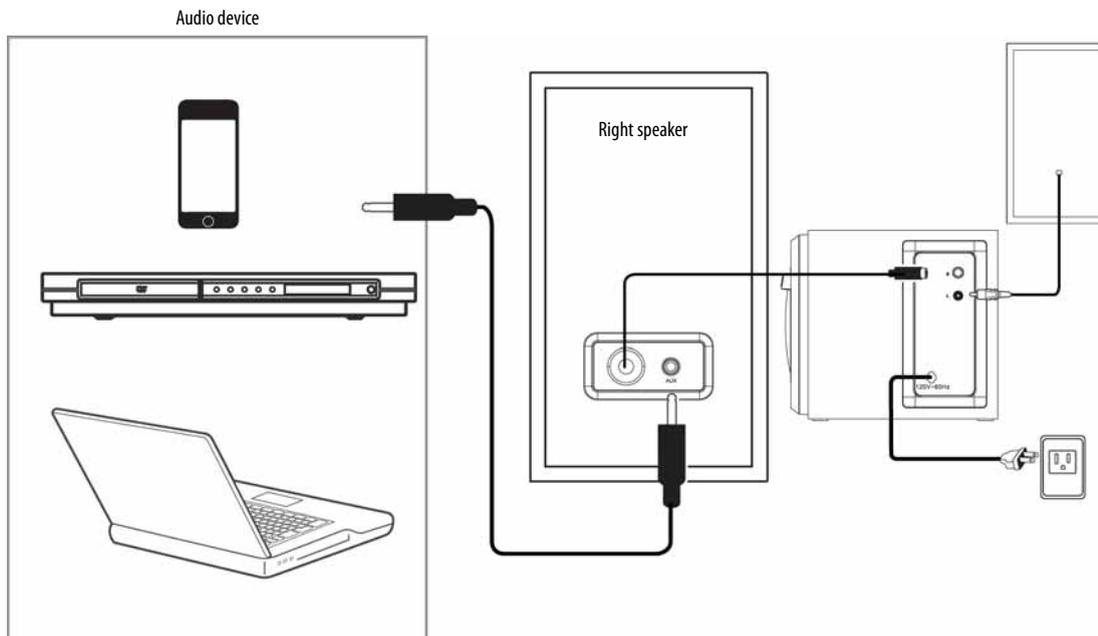
- To turn off your speaker system, press the **Power/pairing** button for about half a second. Your speaker system and the LED turn off.

## Connecting a device using an audio cable

You can use the included 3.5mm stereo audio cable to connect a device to your speaker system.

If you connect a source to the AUX jack, the system will disable Bluetooth connectivity and only play a source from the AUX-connected device.

### To connect a wired device:



- 1 Make all the connections described in "[Setting up your speaker system](#)" on page 4.
- 2 Connect one end of the included 3.5mm stereo audio cable to the **AUX** jack on the back of the right speaker, then connect the other end of the cable to the audio out or headphone jack on the audio device.

#### Note

You may need to lower the volume level when using a wired device.

## Using your speaker system in Bluetooth mode

### Pairing with a Bluetooth device

Make sure there is nothing connected to the AUX input jack before proceeding with the Bluetooth setup.

Before you can use your speaker system with a Bluetooth device, you need to pair your device to your speaker.

You can pair Bluetooth devices such as an iPad, iPhone, iPod touch, Android phone, Android tablet, or any audio device that supports the Bluetooth 3.0 + EDR A2DP protocol. The steps for pairing a device vary from device to device, so refer to the instructions that can with your device for specific pairing instructions.

#### Note

Your speaker system can store pairing information for as many as eight Bluetooth devices.

### To pair with a Bluetooth device:

- 1 Make sure that your Bluetooth device supports the Bluetooth 3.0 + EDR A2DP protocol and that your device is not paired with another device. To determine what Bluetooth protocol your device supports, see the documentation that came with your device.
- 2 Make sure that your speaker system is turned on.
- 3 If the blue LED is not blinking rapidly, press and hold the **Power/pairing** button for three seconds.
- 4 Make sure that your Bluetooth device is within 32 feet (10 meters) of your speaker system.
- 5 Turn on your Bluetooth device, turn on the Bluetooth feature, then set your device to pairing mode. For instructions, see the documentation that came with your Bluetooth device.
- 6 On your Bluetooth device, select **Insignia NS-PSB4521**. Your speaker system pairs with the Bluetooth device and the blue LED lights solid.

#### Note

If you are pairing with a computer, make sure that your Bluetooth speaker is selected as the computer's default playback device. See the computer's documentation for instructions.

## Reconnecting to a paired device

The Bluetooth connection is lost if you:

- Turn off your speaker system
- Move the Bluetooth device out of range of your speaker system
- Turn off your Bluetooth device
- Turn off the Bluetooth feature on your Bluetooth device

When your speaker system is not paired to a device, the blue LED blinks slowly.

### To reconnect a paired a device:

- 1 If your speaker system is turned off, turn it on.  
The blue LED on your speaker system blinks rapidly and your speaker system searches for the last connected Bluetooth device. When your speaker system pairs with the device, the blue LED lights solid.
- 2 Make sure that your Bluetooth device is turned on, the Bluetooth feature on the device is turned on, and the device is within range of your speaker system with no obstructions between your speaker system and the device.

#### Note

The auto connect feature may not work with some Bluetooth devices. If a device does not automatically reconnect, you need to select your speaker system on your Bluetooth device. Follow the instructions in "[Pairing with a Bluetooth device](#)" on page 5.

## Connecting to a different device

### To connect to a different device:

- 1 If a Bluetooth device is connected to your speaker system:
  - Move the device out of range of your speaker system.
  - OR
  - Turn off the Bluetooth function on the Bluetooth device.
  - OR
  - Unpair your speaker system in the Bluetooth device list.
- 2 Follow the instructions in "[Pairing with a Bluetooth device](#)" on page 5.

## Selecting a sound source

Your speaker system lets you listen to either Bluetooth (wireless) or AUX IN (wired) sound sources. The speaker is in Bluetooth mode unless an audio cable is connected to the AUX IN jack. The blue LED will blink quickly when pairing and will remain on when connected in Bluetooth mode. If you connect a device to the AUX IN jack, the speaker system will switch to AUX IN mode. The blue LED will immediately change to green.

## Playing from a Bluetooth device

- 1 Turn on your speaker system and Bluetooth device. Make sure that your speaker system and your Bluetooth device are paired.
- 2 On the Bluetooth device, select the content you want to play, then press the play button.
- 3 Use the controls on the Bluetooth device to control playback.

#### Notes

- If your speaker system is paired to a phone, the audio pauses when you make or received a call.
- If the system has no sound output, make sure that the volume level of your Bluetooth device is not set too low or muted.

## Troubleshooting

Problem	Solution
No power	<ul style="list-style-type: none"> <li>• Make sure that the power cord is securely and correctly connected.</li> <li>• Make sure that the power outlet is working. Test the outlet by plugging a device, such as a lamp, into it.</li> </ul>
No sound or low volume in Bluetooth mode	<ul style="list-style-type: none"> <li>• Turn up the volume on your speaker system.</li> <li>• Turn up the volume on your Bluetooth device.</li> <li>• Make sure that your Bluetooth device is not muted.</li> </ul>
No sound or low volume in AUX IN mode	<ul style="list-style-type: none"> <li>• Make sure that the 3.5mm stereo audio cable is <b>NOT</b> connected. See "<a href="#">Connecting a device using an audio cable</a>" on page 5.</li> <li>• Turn up the volume on your speaker system.</li> <li>• Turn up the volume on your audio device.</li> <li>• Make sure that the connected audio device is not muted.</li> </ul>
Bluetooth connection cannot be established	<ul style="list-style-type: none"> <li>• Shorten the distance between your Bluetooth device and your speaker system.</li> <li>• Turn off your device, then turn it on again to clear the device name. Make the connection again. See "<a href="#">Pairing with a Bluetooth device</a>" on page 5.</li> <li>• Make sure that your speaker system and Bluetooth device are both in pairing mode.</li> <li>• Make sure that your Bluetooth device supports the Bluetooth 3.0 + EDR A2DP protocol.</li> <li>• Make sure that your Bluetooth device is not connected to any other device.</li> <li>• Make sure that you have selected <b>Insignia NS-PSB4521</b> on your Bluetooth device.</li> <li>• Make sure that the AUX cable is disconnected.</li> </ul>
My speaker system and my Bluetooth device keep unpairing	<ul style="list-style-type: none"> <li>• Shorten the distance between your Bluetooth device and your speaker system.</li> <li>• If battery charge level on your Bluetooth device is low, recharge the battery.</li> </ul>

## Specifications

Specifications are subject to change without notice.

Model	NS-PSB4521
Type	2.1 Bluetooth Desktop Speaker System
Drivers	5.25 in. subwoofer (1) 3 in. full-range drivers (2)
Bluetooth support	Bluetooth 3.0 + EDR A2DP
Input terminal	AUX IN
AC adapter	AC 120 60 Hz
Dimensions (H x W x D)	<b>Subwoofer:</b> 8.7 × 8.7 × 9.8 in. (22 × 22 × 25 cm) <b>Right satellite:</b> 6.5 × 3.7 × 4.3 in. (16.5 × 9.5 × 10.8 cm) <b>Left satellite:</b> 6.5 × 3.7 × 3.9 in. (16.5 × 9.5 × 10 cm)
Weight	7.3 lbs (3.3 kg)
Cables	<ul style="list-style-type: none"> <li>• 5 ft. (1.5 m) power cord (permanently attached)</li> <li>• 5 ft. (1.5 m) RCA cable (permanently attached)</li> <li>• 5 ft. (1.5 m) DIN cable (permanently attached)</li> <li>• 5 ft. (1.5 m) 3.5mm stereo audio cable (male to male connectors)</li> </ul>

## Legal notices

### **FCC Part 15**

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.

### **RSS-Gen & RSS-210 statement:**

This device complies with Industry Canada licence-exempt RSS standard(s).

This device complies with Industry license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

### **RSS-102 Statement:**

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

### **Bluetooth®**

For compatibility between the system and another device with Bluetooth technology, consult the device 's documentation and dealer. In some countries, there may be restrictions on using Bluetooth devices. Check with your local authorities.

 **Bluetooth** is a registered trademark of Bluetooth SIG, Inc.

# ONE-YEAR LIMITED WARRANTY - INSIGNIA

## Definitions:

The Distributor\* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded or Future Shop branded retail store or online at [www.bestbuy.com](http://www.bestbuy.com), [www.bestbuy.ca](http://www.bestbuy.ca), or [www.futureshop.ca](http://www.futureshop.ca) and is packaged with this warranty statement.

## How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your 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 Best Buy or Future Shop retail store location, please take your original receipt and the Product to any Best Buy or Future Shop store. 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 a Best Buy or Future Shop online web site ([www.bestbuy.com](http://www.bestbuy.com), [www.bestbuy.ca](http://www.bestbuy.ca), or [www.futureshop.ca](http://www.futureshop.ca)), 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 warranty service, in the United States call 1-888-BESTBUY, Canada call 1-866-BESTBUY for Future Shop call 1-800-663-2275. Call agents may diagnose and correct the issue over the phone.

## Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy or Future Shop branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

## What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance

- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. 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.insigniaproducts.com](http://www.insigniaproducts.com)

INSIGNIA is a trademark of Best Buy and its affiliated companies. Registered in some countries.

Distributed by Best Buy Purchasing, LLC  
7601 Penn Ave South, Richfield, MN 55423 U.S.A.

©2014 Best Buy. All rights reserved.

Made in China

# INSIGNIA™

1-877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico)  
[www.insigniaproducts.com](http://www.insigniaproducts.com)

INSIGNIA is a trademark of Best Buy and its affiliated companies.  
Registered in some countries.  
Distributed by Best Buy Purchasing, LLC  
7601 Penn Ave South, Richfield, MN 55423 U.S.A.  
©2014 Best Buy. All rights reserved.  
Made in China

V4 ENGLISH  
14-0387