

# NAKAMICHI




## QUICK START GUID

Model: SHOCKWAVE PRO 5.1

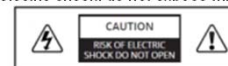
# IMPORTANT SAFETY INSTRUCTIONS

Your Unit is designed and manufactured to operate within defined design limits, and misuse may result in electric shock or fire. To prevent your Unit from being damaged, the following rules should be observed for its installation, use, and maintenance. Please read the following safety instructions before operating your Unit. Keep these instructions in a safe place for future reference.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the 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.
- To reduce the risk of electric shock or component damage, switch off the power before connecting other components to your Unit.
- Unplug the power cord before cleaning your Unit. A damp cloth is sufficient for cleaning. Do not use a liquid or a spray cleaner on your Unit. Do not use abrasive cleaners.
- Always use the accessories recommended by the manufacturer to insure compatibility.
- When moving your Unit from an area of low temperature to an area of high temperature, condensation may form in the housing. Wait before turning on your Unit to avoid causing fire, electric shock, or component damage.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of your Unit and to protect it from overheating, be sure these openings are not blocked or covered. Do not place your Unit in a bookcase or cabinet unless proper ventilation is provided.
- Never push any object into the slots and openings on your Unit enclosure. Do not place any objects on the top of your Unit. Doing so could short circuit parts causing a fire or electric shock. Never spill liquids on your Unit.
- When connected to a power outlet, power is always flowing into your Unit. To totally disconnect power, unplug the power cord.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.

- The wall socket should be located near your Unit and be easily accessible
- Keep your Unit away from moisture. Do not expose your Unit to rain or moisture. If water penetrates into your Unit, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.
- Do not use your Unit if any abnormality occurs. If any smoke or odor becomes apparent, unplug the power cord and contact your dealer immediately. Do not try to repair your unit yourself.
- Avoid using dropped or damaged appliances. If your Unit is dropped and the housing is damaged, the internal components may function abnormally. Unplug the power cord immediately and contact your dealer for repair.
- Continued use of your Unit may cause fire or electric shock.
- Do not install your Unit in an area with heavy dust or high humidity. Operating your Unit in environments with heavy dust or high humidity may cause fire or electric shock.
- Ensure that the power cord and any other cables are unplugged before moving your Unit.
- When unplugging your Unit, hold the power plug, not the cord. Pulling on the power cord may damage the wires inside the cord and cause fire or electric shock. When your Unit will not be used for an extended period of time, unplug the power cord.
- To reduce risk of electric shock, do not touch the connector with wet hands.
- Insert the remote control batteries in accordance with instructions. Incorrect polarity may cause the battery to leak which can damage the remote control or injure the operator.
- **The marking label of the subwoofer was located on the external bottom enclosure of the product.**
- **The equipment shall be used at maximum 35 degree Celsius ambient temperature.**
- See the important note and rating located on the back of the unit.
- WARNING - This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near the equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain, or moisture.
- **To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.**
- CAUTION - Danger of explosion or fire if batteries are mistreated. Replace only with the same or specified type.
- Do not leave the batteries exposed to direct sunlight for a long period of time with doors and windows closed. Do not disassemble the batteries or dispose of it in fire.
- Where the MAINS plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of not isolated dangerous voltage within the product that may be sufficient magnitude to constitute a risk of shock to persons.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of not isolated dangerous voltage within the product that may be sufficient magnitude to constitute a risk of shock to persons.



**Warning:** This equipment is a Class II or double insulated electrical appliances. It has been designed in such way that it does not require a safety connection to electrical earth.

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## PACKAGE CONTENTS



Shockwafe Pro  
Sound Bar



Wireless  
Subwoofer



2 x Satellite  
Speakers



Remote Control  
with Batteries



Subwoofer Power Cable



2 x Satellite Speaker  
Audio Cables



HDMI Cable



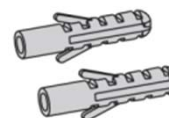
Digital Optical Cable



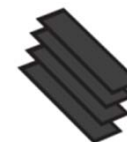
3.5mm Audio Cable



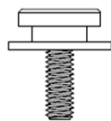
8 x Wall Screws



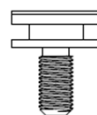
8 x Screw Brackets



4 x Velcro Strips



2 x Mounting Screws  
(Sound Bar)



2 x Mounting Screws  
(Satellite Speakers)

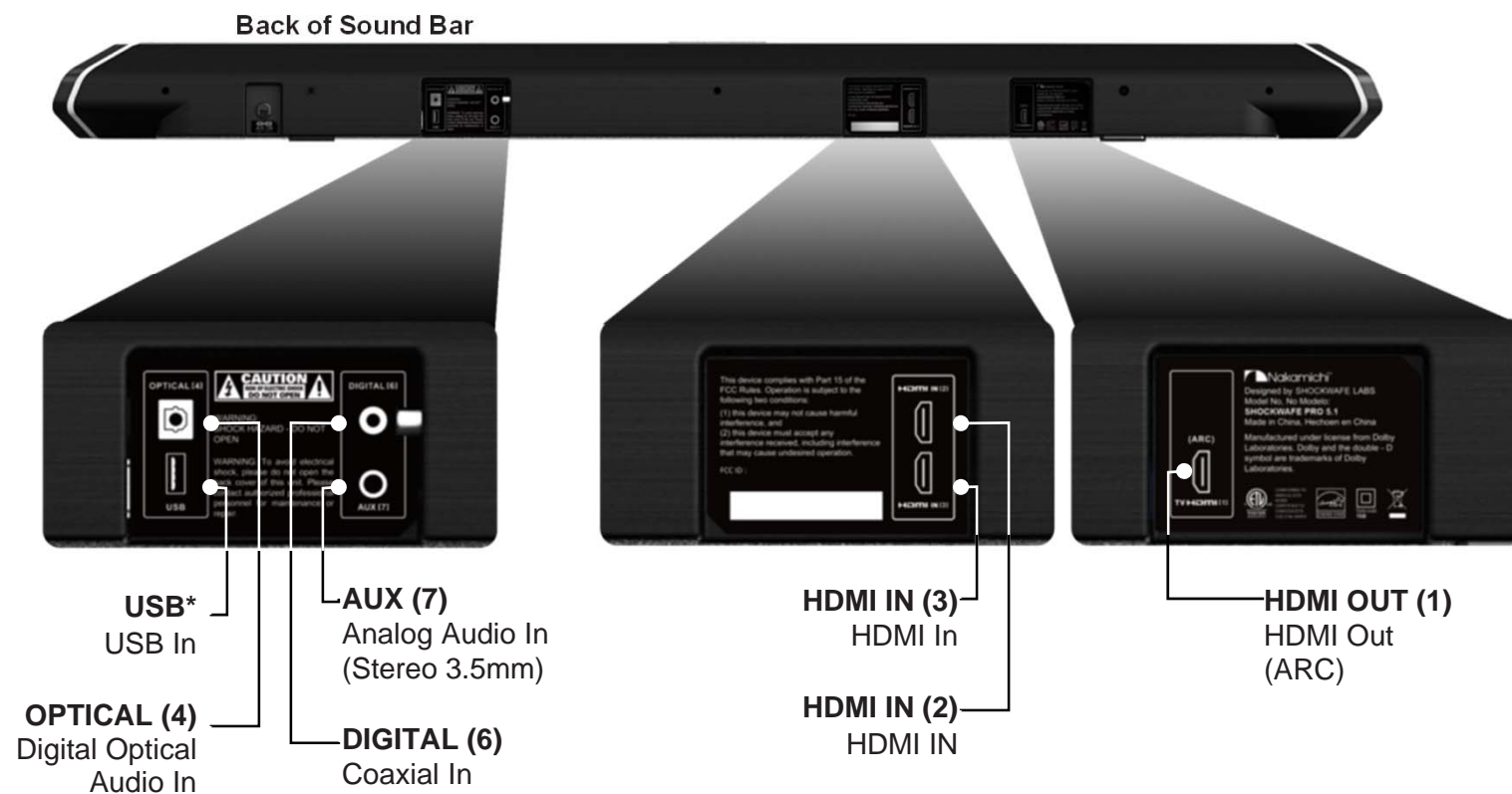


2 x Satellite  
Wall Mount  
Brackets

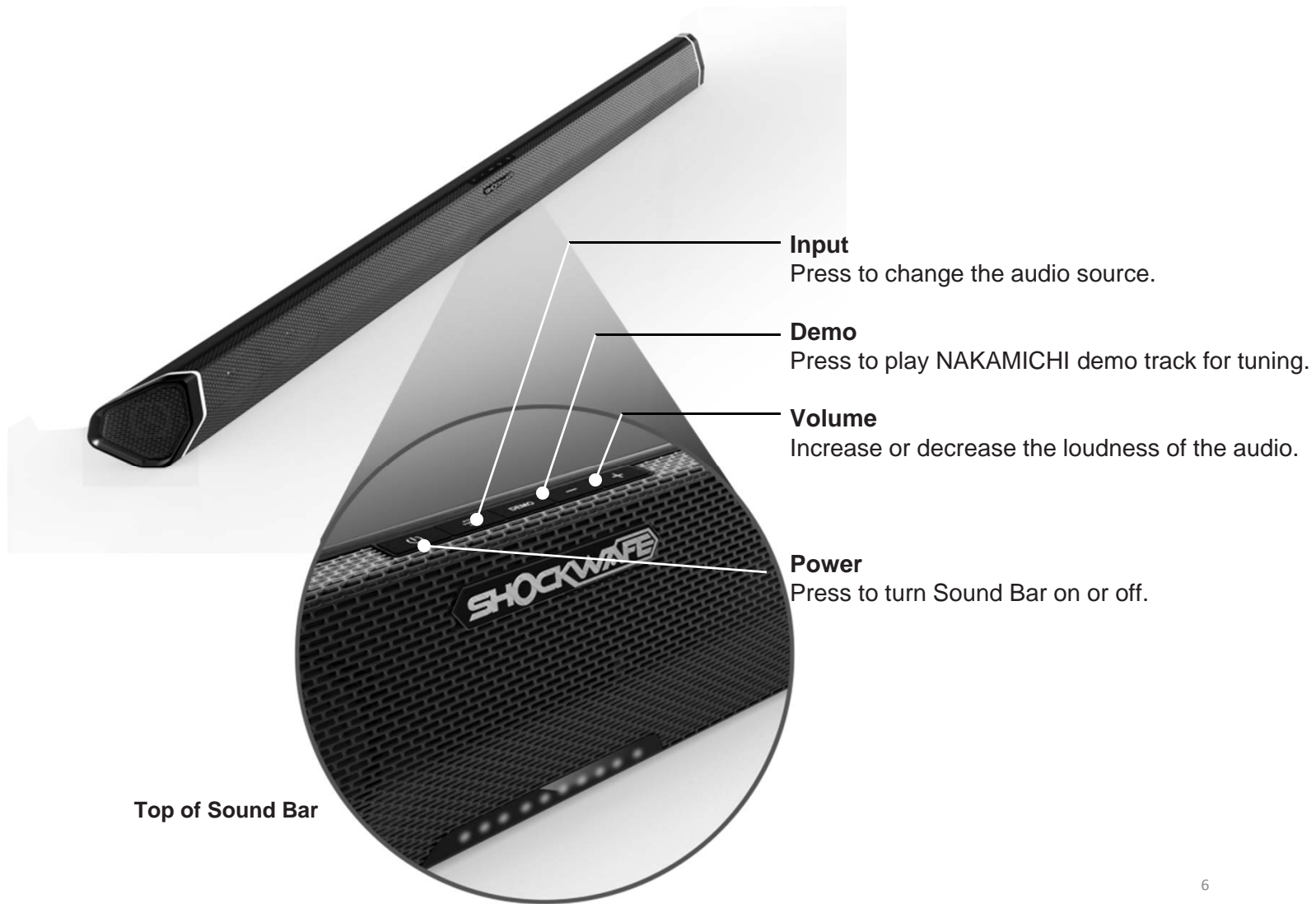


2 x Sound Bar  
Wall Mount  
Brackets

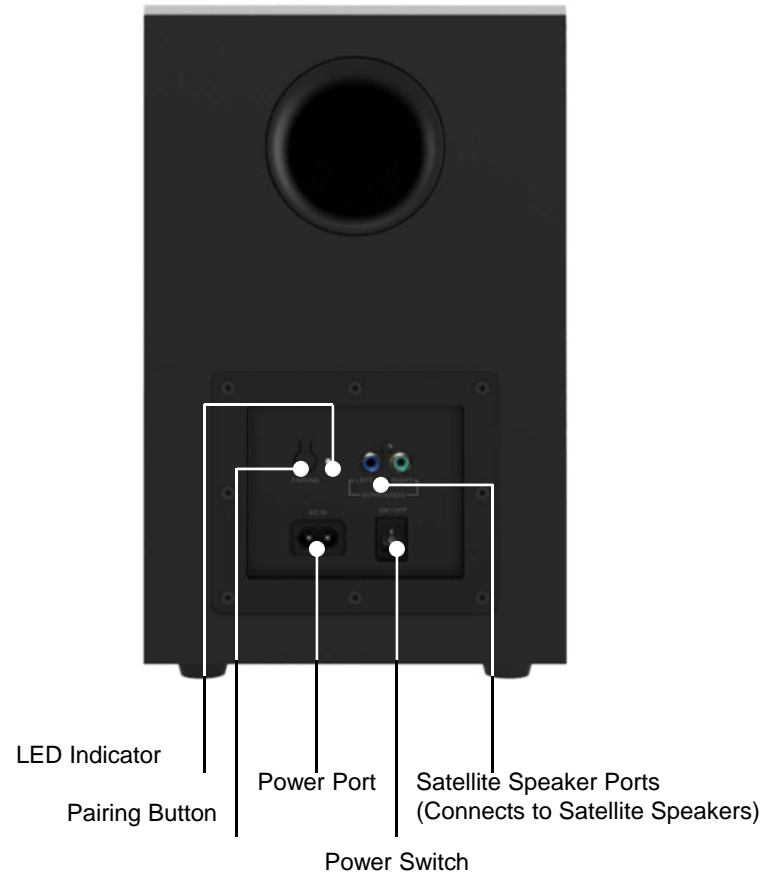
# CONTROLS & CONNECTIONS



\* For Firmware update only.



### Back of Subwoofer



### Back of Satellite Speaker



# FIRST-TIME SETUP

1



CHOOSE ONE CABLE

GOOD  
OR  
BETTER  
OR  
BEST

AND CONNECT  
IT TO YOUR TV



\* Not all TVs have the audio outputs shown above. To connect the Sound Bar directly to your other devices (Blu-Ray player, game system, etc.) see your device's user manual.

\* Cables appearance may differ from the ones supplied.

† When using either of the Digital Inputs, if there is no audio: (A) try setting the TV output to PCM or (B) Connect directly to your Blu-ray/other source, some TVs do not pass through digital audio.

‡ Cable not included.





**Do not use HDMI IN for First-Time Setup.**  
See Advanced Setup if you would like to connect HDMI devices (such as Blu-ray™ players, cable boxes, and game consoles) to your Sound Bar.

HDMI CABLE  
**BEST**

Connect the **Sound Bar** to your **TV\*** using **one** of the connection types to the left. Choose the best possible connection type. Be sure the TV port is an audio output, not an audio input.

HDMI cables send Video (Out) and receive Audio from the TV. See the Connecting with HDMI section for more information.

\* Not all TVs have the audio outputs shown above. To connect the Sound Bar directly to your other devices (Blu-ray player, game system, etc) see your device's user manual.

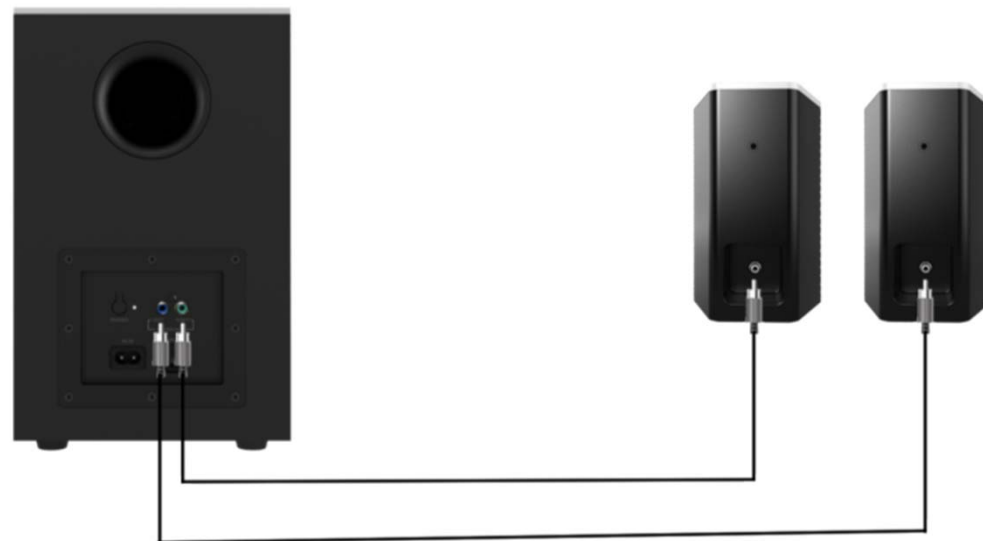
† When using the Digital Inputs, if there is no audio: (A) try setting the TV output to PCM or (B) Connect directly to your Blu-ray/other source, some TVs do not pass through digital audio.



**2** Connect the power cable to the Sound Bar **AC IN** as shown.

Plug the power cable into an electrical outlet.

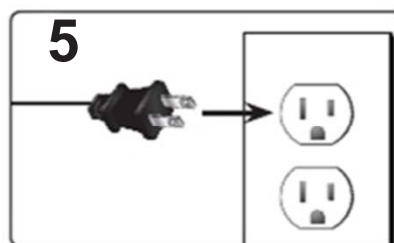
- 3** Connect the satellite speakers to the subwoofer using the included satellite speaker audio cables.



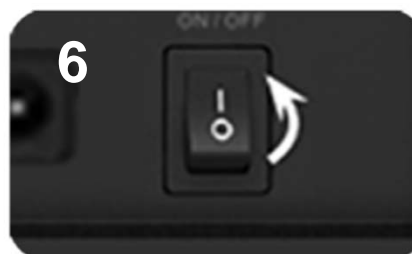
Match the color coded speaker cable to the matching speaker port color.



Connect a power cable to the subwoofer.

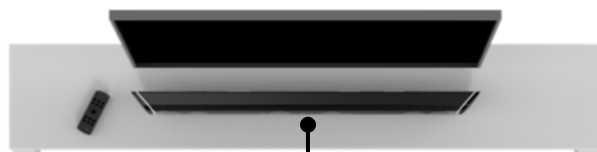


Plug the power cable into a power outlet.



Flip the power switch into the **ON** position.

- 7** For the best surround sound experience, position the Sound Bar, subwoofer, and satellite speakers as shown. The Sound Bar should be close to ear level.



Sound Bar is centered  
below the TV.



**Note:** Speaker stands not included.

8

Top



Remove the battery cover by gently sliding it away from the remote.

9

Top



Insert the included batteries and gently slide the battery cover back into place.

10

Turn your TV on, the Sound Bar will automatically turn on and begin searching for an active input.

You can press the **SOURCE** button to switch between audio sources. For example, if you are connected your TV to HDMI IN (ARC), set the Sound Bar to HDMI ARC.



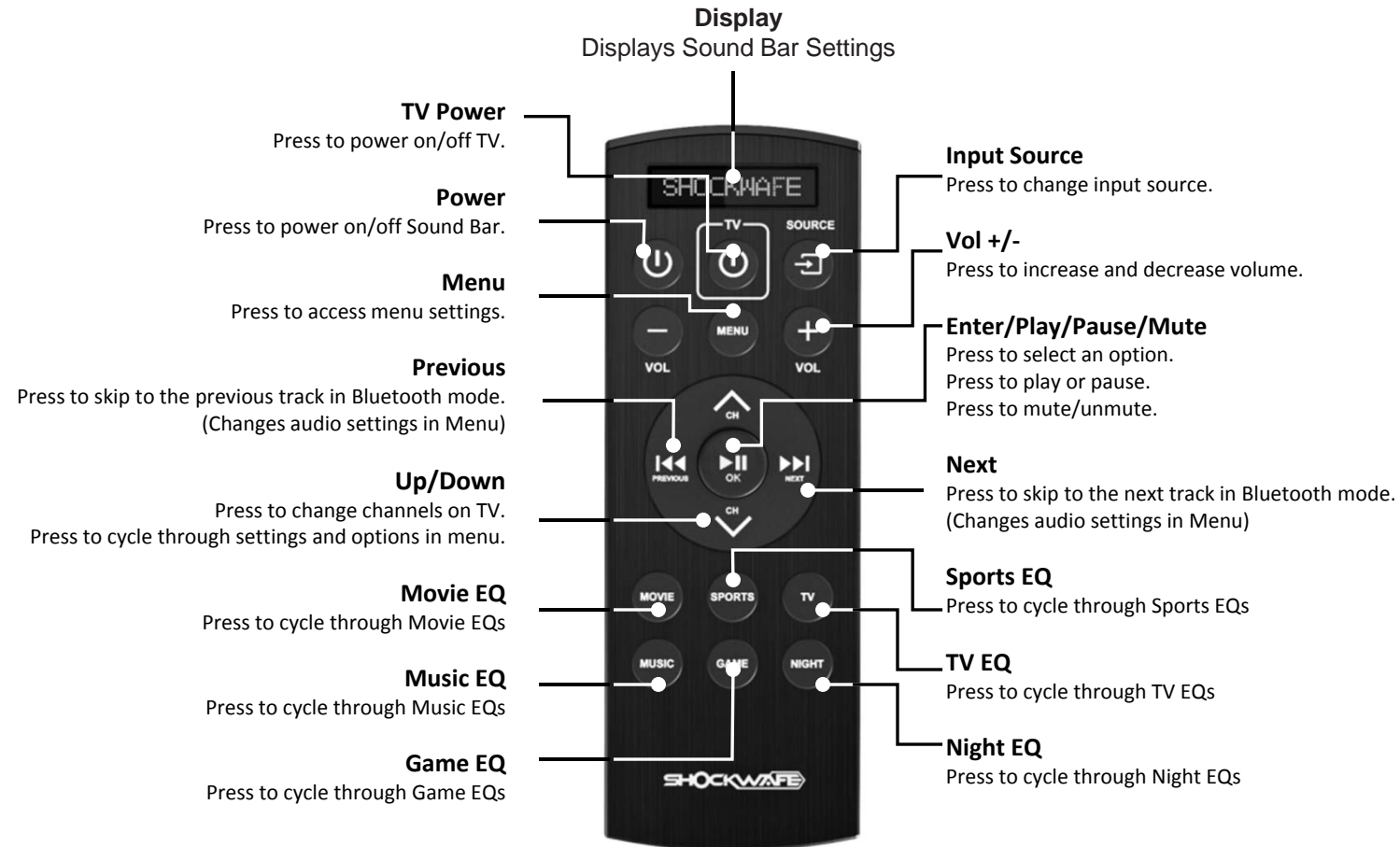
**Tip:** Pressing the **SOURCE** button will stop the auto detect function.

Power



Source

# USING THE REMOTE



# CONNECTING WITH HDMI

## What is HDMI Audio Return Channel (ARC)?

Using HDMI ARC, your TV can send audio to the sound bar using an HDMI cable.

You will need to connect your sound bar to your TV's HDMI ARC port using an HDMI cable that is ARC compatible.

To connect using HDMI\*:

1. Connect one end of the HDMI cable to the **HDMI (ARC)** port on the back of your TV.
2. Connect the other end to the **HDMI OUT (ARC)** port on your NAKAMICHI sound bar.
3. From the AUDIO menu on your TV, change the Digital Audio Setting to Dolby Digital or Bitstream.
4. From the SYSTEM menu, enable CEC and ARC (SAC)<sup>†</sup> functions.
5. From the CEC menu, select **Device Discovery** to register the sound bar with the TV.



If you want to use the volume buttons on the TV remote control to control the sound bar, enable System Audio Control from the CEC menu.

\* Steps may differ by TV manufacturer. See your TV's user manual for more information.

† CEC Function naming may differ by TV manufacturer. See your TV's user manual for more information.






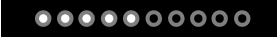




\* HDMI ARC port location may differ by TV manufacturer. See your TV's user manual for more information.




# FUNCTIONS ON YOUR REMOTE



LEDs located here.







Press the **Menu** button and use the **Up/Down Arrow** buttons on the remote to access the different functions and acoustic settings of the Sound Bar. Each function and setting will be displayed on the remote control's LCD display. The LED Indicators on the Sound Bar will behave differently with each function.

Function	LED Behavior	Description
Center Volume CENTER 0 CENTER 10	 FIVE Left LEDs indicate Center Volume at 5. (Default: 5)	Press the <b>Next/Previous</b> button to increase/decrease the center speakers sound level. The LED indicators will move to the right with increasing levels and to the left with decreasing levels.
Rear Speakers Volume REAR 0 REAR 10	 FIVE Left LEDs indicate Rear Speakers Volume at 5. (Default: 5)	Press the <b>Next/Previous</b> button to increase/decrease the rear speakers sound level. The LED indicators will move to the right with increasing levels and to the left with decreasing levels.
Rear Speakers Balance REAR BAL + REAR BAL -	 Two center LEDs indicate Rear Speakers Balance is centered.	Press the <b>Next/Previous</b> button to move the rear speakers balance towards the left/right rear channel speaker. The LED indicators will move to the right when levels are adjusted to the right and to the left when adjusted to the left.
Subwoofer Volume SUB VOL 0 SUB VOL 10	 FIVE Left LEDs indicate Subwoofer Volume at 5. (Default: 5)	Press the <b>Next/Previous</b> button to increase/decrease the subwoofer speakers sound level. The LED indicators will move to the right with increasing levels and to the left with decreasing levels.
Surround ON/OFF SURRE ON SURRE OFF	<b>ON</b>  <b>OFF</b> 	Press the <b>Next/Previous</b> button to enable/disable surround. When enable (ON), all the inputs will produce 5.1 surround sound. When disable (OFF), 5.1 surround sound sources will be down mixed to 2.1 stereo.

Function	LED Behavior	Description
Bluetooth Pairing  BT PAIR PAIRING...	  LEDs flash from left to right and back continuously when searching for devices.	Press the <b>Enter</b> button on the remote. The sound bar will be discoverable for 15 minutes. You can now search for the sound bar (SHOCKWAVE PRO 5.1) using your Bluetooth device. The sound bar will power down if no device is found. Note: Set your Bluetooth device into pairing mode prior to the sound bar.
Demo Track  DEMO	  LEDs flash from left to right and back continuously when searching for devices.	Press the <b>Enter</b> button on the Remote. The Sound Bar will play the Nakamichi Demonstration Track. Use this track to adjust volume levels of the Center, Rear and Subwoofer or the balance of the Rear Speakers.
Reset  RESET NO RESET YES CONFIRM YES CONFIRMED	  Upon Reset all LEDs will blink once.	Press the <b>Next/Previous</b> and <b>Enter</b> buttons to select and reset your remote and sound bar to the factory default settings. All paired Bluetooth devices will be unpaired. All programmed IR remotes will also be removed.

## EQs ON YOUR REMOTE

Press either Movie, Sports, Music, TV,, Game or Night EQ buttons on your remote to toggle through more EQ settings under that genre. Each function and setting will be displayed on the remote control's LCD display. The LED Indicators on the Sound Bar will behave differently with each function.

EQ	LED Behavior	Description
Movie		Press <b>MOVIE</b> button to toggle between MOVIE EQ in this sequence: <i>Movie, Action, Sci-Fi, Animation, Comedy and Drama</i> .
	Fifth LED will blink once to indicate change of Movie EQ.	
Sports		Press <b>SPORTS</b> button to toggle between SPORTS EQ in this sequence: <i>Sports, Football, Baseball, Basketball, Fighting and Racing</i> .
	Sixth LED will blink once to indicate change of Sports EQ.	
TV		Press <b>TV</b> button to toggle between TV EQ in this sequence: <i>TV, Action, Sci-Fi, Animation, Comedy and News</i> .
	Seventh LED will blink once to indicate change of TV EQ.	
Music		Press <b>MUSIC</b> button to toggle between MUSIC EQ in this sequence: <i>Music, Rock, Pop, R&amp;B and Country</i>
	Eighth LED will blink once to indicate change of Music EQ.	
Gaming		Press <b>GAME</b> button to toggle GAMING EQ.
	Ninth LED will blink once to indicate change of Gaming EQ.	
Night		Press <b>NIGHT</b> button to toggle between NIGHT MODE in this sequence: <i>Sub ON, Sub LOW (Bass reduced to level 2), Sub OFF and Headphones</i> .
	Tenth LED will blink once to indicate change of Night Mode.	

- In "Headphone mode", Sound Bar transmits sound to only Nakamichi headphones for personal listening.
- When in "Headphone" mode, powering off the Sound Bar and powering on again will return to "Sub ON" EQ mode. This will prevent confusion that the Sound Bar has no sound output.

## PROGRAMMING THE REMOTE

You can program your Remote to control your TV. Press the **Menu** button on the remote, then use the **Up/Down** buttons to navigate to **LRN TV RMT**. Use the **Next/Previous** buttons to toggle through **LRN POWER**, **LRN CH +**, and **LRN CH -**. Press the corresponding commands from your TV Remote when prompted.

You can erase the commands learned on your remote by simply resetting it. Press the **Menu** button on the remote, then use the **Up/Down** buttons to navigate to **LRN TV RMT**. Use the **Next/Previous** buttons to toggle through to **RESET LRN**. Press **OK** when prompted to confirm reset.



Turn off your TV when programming your Sound Bar Remote.



Leveled at 4"/10cm apart.



Point both the Sound Bar and TV remotes towards each other when programming. Maintain them level and at approximately 4"/10cm apart.

## USING BLUETOOTH MODE

Your Sound Bar supports music streaming from smartphones, tablets, and computers with Bluetooth capability. Device compatibility will vary, see your device's documentation for more information.

Once you have paired your source device to the Sound Bar, as long as you stay within range of the Sound Bar, your device should remain paired.

If the input is changed, the Bluetooth device will disconnect. If the source is changed back to Bluetooth, any paired Bluetooth device will reconnect automatically.



Your Sound Bar is not equipped with a microphone, so it cannot operate as a hands-free device for a smartphone.

### Maximizing Signal

A Bluetooth signal has a range of up to 30 feet. Keep in mind that Bluetooth is a compressed audio format, so streamed music may lose some integrity when compared to a wired connection.

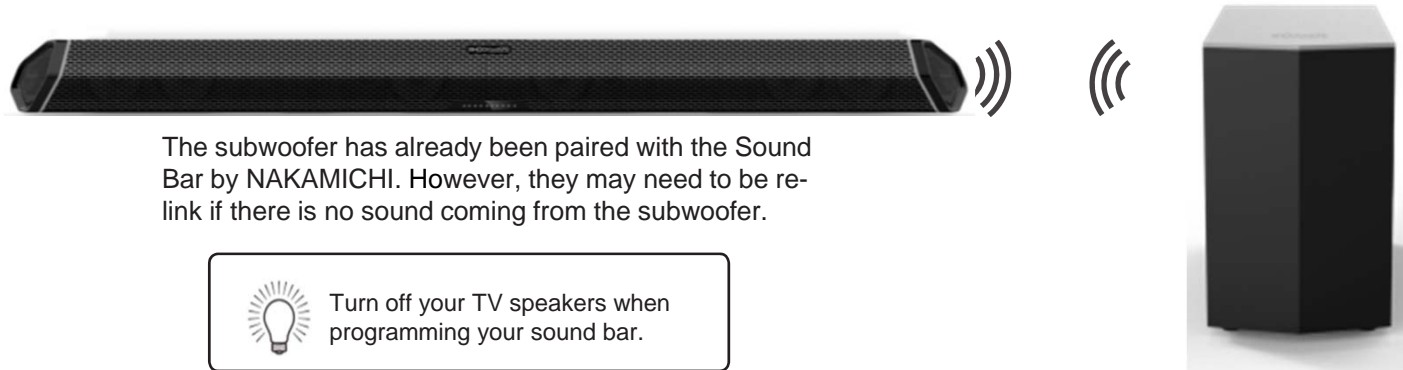
Try the following if your sound quality is less than optimal:

- If you hear any break-up or disconnect while streaming music from your device, move the source device closer to the Sound Bar.
- Be sure that there are no solid obstructions in the line-of-sight between the Sound Bar and the source device.
- Other wireless devices can affect Bluetooth range, including wireless security cameras, wireless video baby monitors, cordless phones, and microwave ovens. Turning off or moving these devices may improve Bluetooth range.



Reduce the volume levels on your device and on the Sound Bar before pressing Play. High volume levels can damage your hearing.

## RE-LINKING THE SUBWOOFER WITH THE SOUND BAR



1



First confirm that the Sound Bar is switched off. Power on the Subwoofer. **Press and hold** the pairing button on the back of the subwoofer for 5 seconds. The LED on the back of the subwoofer will begin to blink.

2

Power on the Sound Bar. The sound Bar and Subwoofer will re-link automatically. Once the linking is completed, the LED on the back of the Subwoofer will light continuously.

If automatic re-link does not work, **press and hold** the **DEMO** button on the Sound Bar to initiate re-link.

# ADVANCED SETUP

Back of Sound Bar



Game Console



Network Media Player



Tablet/MP3 Player/Laptop

† Cable not included.



## ADVANCED SETUP - HDMI



HDMI cables transmit both audio and video. To view video from these devices, turn the Sound Bar on, then set the Sound Bar input to HDMI-ARC. Set your TV input to the HDMI port to which the Sound Bar is connected.



Blu-ray Player

OR



Cable/Satellite Box

## WALL-MOUNTING THE SOUND BAR

1

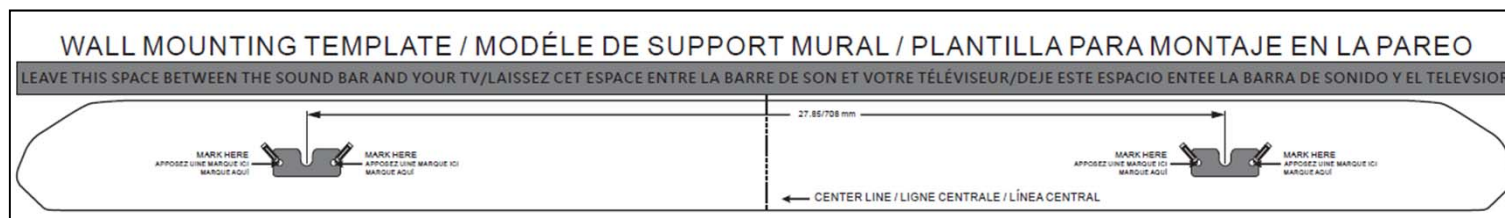
Back of Sound Bar

Wall-Mount Screw Holes



Insert the two wall-mount screws into the wall-mount screw holes, and then tighten them with a Phillips screwdriver.

2



Place the included wall mounting template against the wall under your TV. Mark the four bracket holes using a pencil.

3

Be sure your screws are attached to wood studs, drywall anchors (for drywall), or concrete anchors (for brick/concrete walls).

Screws for attaching the brackets to the wall are not included. Choose the screw type and length appropriate to your home's construction. If in doubt, consult a professional installer.



**Wall Mount Screw**  
Screw Size: M4 x 10



If you are unfamiliar with power tools or the layout of electrical wiring in the walls of your home, consult a professional installer.

## WALL-MOUNTING THE SATELLITE SPEAKERS

To wall-mount the satellite speakers:

1. Attach the wall mount screw to the back of the satellite speaker.
2. Attach the wall mount to the back of the satellite speaker.
3. Align and mount the satellite speaker with the wall mount bracket.

Be sure your screws are attached to wood studs or drywall anchors (for drywall) or concrete anchors (for brick/concrete walls). Wall mounting hardware is not included.



If you are unfamiliar with power tools or the layout of electrical wiring in the walls of your home, consult a professional installer.



Wall Mount Screw

## HELP & TROUBLESHOOTING

There is no power.	<ul style="list-style-type: none"><li>• Press the <b>POWER</b> button on the remote control or on the top of your Sound Bar.</li><li>• Ensure the power cord is securely connected.</li><li>• Plug a different device into the electrical outlet to verify that the outlet is working correctly.</li></ul>
There is no sound.	<ul style="list-style-type: none"><li>• Increase the volume. Press <b>Volume Up</b> on the remote control or on the top of your Sound Bar.</li><li>• Press <b>MUTE</b> on the remote to ensure the Sound Bar is not muted.</li><li>• Press <b>SOURCE</b> on the remote or on the top of your Sound Bar to select a different input source.</li><li>• When using either of the Digital Inputs, if there is no audio: (A) Try setting the TV output to PCM or (B) Connect directly to your Blu-ray/other source, some TVs do not pass through digital audio.</li><li>• On digital inputs, the input LEDs will flash rapidly if an unsupported format is present. Set the source to output PCM.</li><li>• Your TV may be set to variable audio output. Confirm that the audio output setting is set to <b>FIXED</b> or <b>STANDARD</b>, not <b>VARIABLE</b>. Consult your TV's user manual for more detailed information.</li><li>• If using Bluetooth, ensure that the volume on your source device is turned up and that the device is not muted.</li></ul>
I hear buzzing or humming.	<ul style="list-style-type: none"><li>• Ensure all cables and wires are securely connected.</li><li>• Connect a different source device (TV, Blu-ray player, etc) to see if the buzzing persists. If it does not, the problem may be with the original device.</li><li>• Connect your device to a different input on the Sound Bar.</li></ul>
The remote isn't working.	<ul style="list-style-type: none"><li>• Replace the remote batteries with new ones.</li><li>• Point the remote directly at the center of the Sound Bar when pressing a button.</li><li>• If using a Bluetooth connection, some of the buttons on the remote may not be supported by the streaming application. (e.g., Pandora doesn't support the Back button.)</li></ul>

## ONE YEAR LIMITED WARRANTY (U.S. Only)

Nakamichi Corporation USA ("Nakamichi") warrants to the original retail purchasers (the "Original Purchasers") only. The Original Purchasers refer to the purchasers who purchase this Product from Nakamichi's authorized retailers ("Nakamichi Retailers"). This warranty will terminate automatically prior to its stated expiration if the Original Purchaser sells or transfers this Product to any other party. Nakamichi warrants that the LOUDSPEAKER(S), PASSIVE CROSSOVER COMPONENT(S) and ENCLOSURE on this Product will be free from defects in materials and workmanship for a period of one (1) year from the date of original retail purchase from Nakamichi Retailer. Furthermore, Nakamichi warrants that any AMPLIFIER OR OTHER ELECTRONIC COMPONENT that may be included in this Product will be free from defects in materials and workmanship for a period of one (1) year from the date of original retail purchase from Nakamichi Retailer. Defective Products must be shipped, together with proof of purchase in the form of original sales receipts from Nakamichi or Nakamichi's Retailer showing the Product Name and date of purchase, freight and insurance prepaid, to Nakamichi's Support Centre at 2645 Brooklyn Queens Expressway W., Woodside, NY 11377. This Product must be shipped in either its original packaging or packaging of affording equal degree of protection; in any case the risk of loss or damage in transit is to be borne by you.

If upon examination at Nakamichi's Support Centre it is determined that the unit was defective in materials or workmanship at anytime during this Warranty period, Nakamichi will, at its option, repair or replace this Product at no additional charge, except as set forth below. All replaced parts and Products become the property of Nakamichi. Products replaced or repaired under this warranty will be returned to you, within a reasonable time, freight prepaid. This warranty does not include service or parts to repair damage caused by accident, disaster, acts of GOD, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defect in materials or workmanship, or service, repair, or modification of the Product which has not been authorized or approved by Nakamichi. This warranty shall terminate if the serial number on the Product has been removed, tampered with or defaced.

There are no other express or implied warranties. Nakamichi's liability is limited to repair or, at its sole option, replacement of this Product. Incidental, special and consequential damages are disclaimed where permitted by law. This Warranty applies only to Products purchased in the United States of America.

## CUSTOMER SUPPORT

Thank you for your purchase of this Product. If you have any question or comment, please visit our website at [www.nakamichi-usa.com/support](http://www.nakamichi-usa.com/support) or email them to [support@nakamichi-usa.com](mailto:support@nakamichi-usa.com).

**Nakamichi Corporation USA**  
2645 Brooklyn Queens Expressway W., Woodside, NY 11377

## SPECIFICATIONS

<b>Sound Bar:</b>	Two 2.5" Full-Range Drivers (Centre) Four 2.5" Full-Range Drivers (Left and Right) Two 1.0" High Frequency Tweeters ( Left and Right)
<b>Power Consumption:</b>	<b>80W</b>
<b>Satellite:</b>	One 2.5" Full-Range Drivers (Each Satellite)
<b>Power Consumption:</b>	<b>15Wx2</b>
<b>Subwoofer:</b>	One 8" Subwoofer Driver
<b>Power Consumption:</b>	<b>60W</b>
<b>Inputs:</b>	Three HDMI (ARC on output HDMI) One Optical (Toslink) One Digital Coaxial Audio One 3.5mm Stereo Audio Bluetooth (Wireless) One USB (For firmware upgrade)
<b>Sound Pressure Level (System):</b>	104dB
<b>Frequency Response (System):</b>	35Hz – 22kHz
<b>Voltage:</b>	120V, 60Hz
<b>Compliances:</b>	FCC, CAN ICES-3

# LEGAL & COMPLIANCE

## FCC Class B Radio Interference Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This device complies with Part 15 of the FCC Rules. Operation 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Notice:

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

## RF Exposure Information

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC Statement

1. This device complies with Industry Canada licence-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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## IC Radiation Exposure Statement

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## Disposal and Recycling

You must dispose of this product properly, according to local laws and regulations. Because this product contains electronic components and a battery, it must be disposed of separately from household waste. Contact local authorities to learn about disposal and recycling options.

Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories.



This product qualifies for ENERGY STAR in the "factory default" setting and this is the setting in which power savings will be achieved. Changing the factory default settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR rating.

We want to help you save energy.



