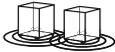# Nakamichi®

SHOCKWAFE ULTRA USER GUIDE

dtsX™

DOLBY AUDIO™

DSP
Quad Core
Surround Processor

Dual Wireless Subwoofers

Quad-U-Flex 3S Speakers

Surround Effects Tweeter

Bluetooth

Qualcomm® aptX™ X

HDMI 2.0
4K HDR
HDCP 2.2

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.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
AVIS RISQUE DE CHOC ÉLECTRIQUE / NE PAS OUVRIR

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.

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

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.
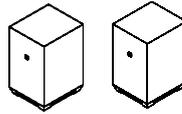
TABLE OF CONTENTS

PACKAGE CONTENTS

SHOCKWAFE ULTRA
Sound bar

Dual Wireless
Subwoofers

4 x Satellite
Speakers

Remote Control
with Batteries

2 x Subwoofer Power cables
1 x Soundbar Power cable
(Length: 5 ft.)

4 x Satellite Speaker Audio Cables
(Length 16.4 ft. each)

HDMI Cable
(Length: 5 ft.)

Digital Optical cable
(Length: 5 ft.)

3.5mm Audio Cable
(Length: 4 ft.)

20 x Wall Screws
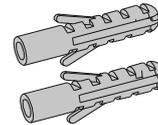
20 x Screws Brackets
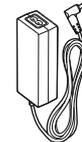
Power Adapter
(Length: 5 feet)
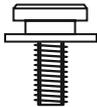
2 x Mounting Screws
(Sound bar)
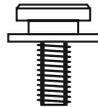
8 x Mounting Screws
(Satellite Speakers)

10 x Sound Bar
and Satellite
Wall Mount
Brackets

WALL MOUNTING TEMPLATE / MODELE DE SUPPORT MURAL / PLANTILLA PARA MONTAJE EN LA PARED
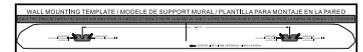
Mounting Guide

CONTROLS & CONNECTIONS

Back of Sound Bar
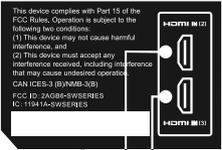
USB
USB IN (WAV & MP3 music playback and Firmware update)

OPTICAL
Digital Optical Audio in

AUX
Analog Audio In (Stereo 3.5mm)

COAXIAL
Digital Coaxial Audio in

HDMI IN [2]
(compatible with HDCP 2.2, 4K HDR pass thru)

HDMI IN [3]
(compatible with HDCP 2.2, 4K HDR pass thru)

HDMI OUT [1]
(ARC TO TV)

HDMI IN [4]
(compatible with HDCP 2.2, 4K HDR pass thru)
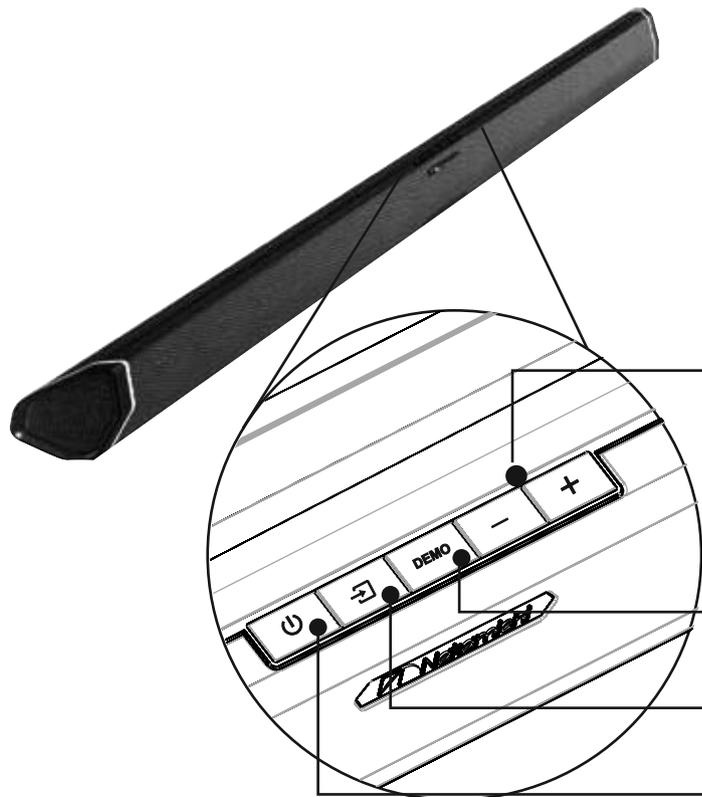
Volume
Press to increase or decrease the volume.

Demo
Press to play NAKAMICHI audio test tone.

Input
Press to change the audio source.

Power
Press to turn Sound Bar On or Standby.

Top of Sound Bar

6

Back of LEFT Subwoofer
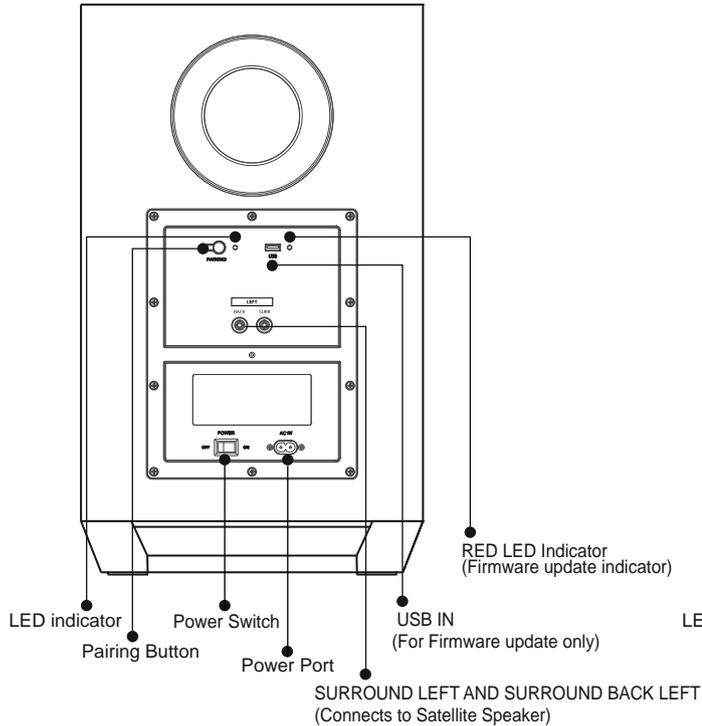
Back of RIGHT Subwoofer

LED indicator

Pairing Button

Power Switch

Power Port

USB IN
(For Firmware update only)

RED LED Indicator
(Firmware update indicator)

SURROUND LEFT AND SURROUND BACK LEFT
(Connects to Satellite Speaker)

LED indicator

Pairing Button

Power Switch

Power Port

USB IN
(For Firmware update only)

RED LED Indicator
(Firmware update indicator)

SURROUND RIGHT AND SURROUND BACK RIGHT
(Connects to Satellite Speaker)

Satellite Speaker Port
(Connects to Subwoofer)

Satellite Speaker Port
(Connects to Subwoofer)

Back of LEFT Satellite
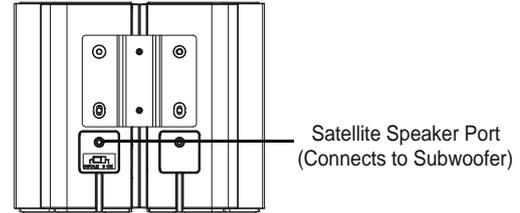
Back of Right Satellite

7

SETTING UP THE SHOCKWAFE ULTRA SYSTEM
(BETTER SURROUND: SATELLITE SPEAKERS ATTACHED)

Recommended distance. Can be more or less based on different room sizes.

3.2 ft+ (1m+)
Clearance

3.2 ft+ (1m+)
Clearance

1 Position the sound bar, subwoofers and satellite speakers as shown.

Position soundbar and satellite speakers as close to ear level as possible.

9 ft+ (2.5m+)
distance

OPTION A
6.5 ft (2m)

90°-110°

OPTION A
6.5 ft (2m)

90°-110°

Sub Left

Sub Right

5 ft (1.5m)

5 ft (1.5m)

90°-110°

90°-110°

DIPOLE

DIPOLE

OPTION B
6.5 ft (2m)

OPTION B
6.5 ft (2m)

Satellite Speaker Switch

Surround Left

Surround Right

Satellite Speaker Switch

8

Note: Illustration is not to scale, Speaker stands not included.

SETTING UP THE SHOCKWAFE ULTRA SYSTEM
(BEST SURROUND: SATELLITE SPEAKERS DETACHED)

Recommended distance. Can be more or less based on different room sizes.

3.2 ft+ (1m+) Clearance

3.2 ft+ (1m+) Clearance

9 ft+ (2.5m+) distance

SURROUND LEFT
6.5 ft (2m)

SURROUND RIGHT
6.5 ft (2m)

90°-110°

90°-110°

Sub Left

Sub Right

5 ft (1.5m)

5 ft (1.5m)

90°-110°

90°-110°

9 CH
Satellite Speaker Switch

SURROUND BACK LEFT
6.5 ft (2m)

SURROUND BACK RIGHT
6.5 ft (2m)

9 CH
Satellite Speaker Switch
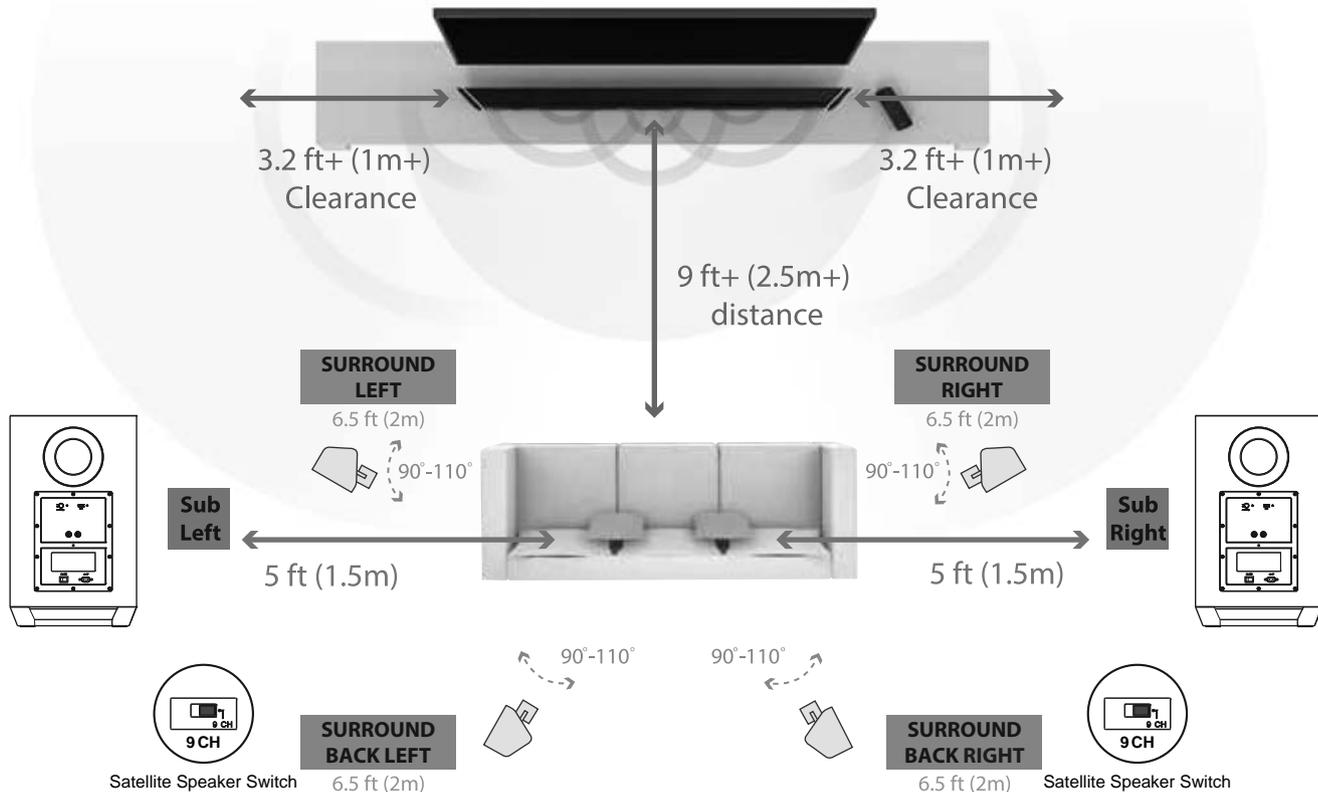
Note: Illustration is not to scale, Speaker stands not included.
When speakers are detached, be sure to toggle the switch behind the satellite speaker from DIPOLE to 9CH.

9

Detaching the speakers for 9.2 setup

1

2

LEFT
Place the rubber stoppers into the slots.

3 **4**

RIGHT
Unscrew the catch and place the rubber stoppers into the slots.

5 **6**
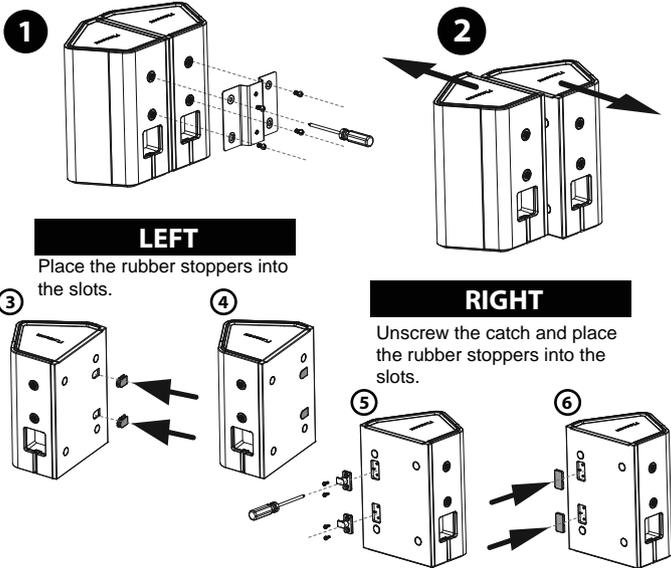
2 Plug the Power adapter to the sound bar and into an electrical outlet.

Back of Sound Bar

DC IN
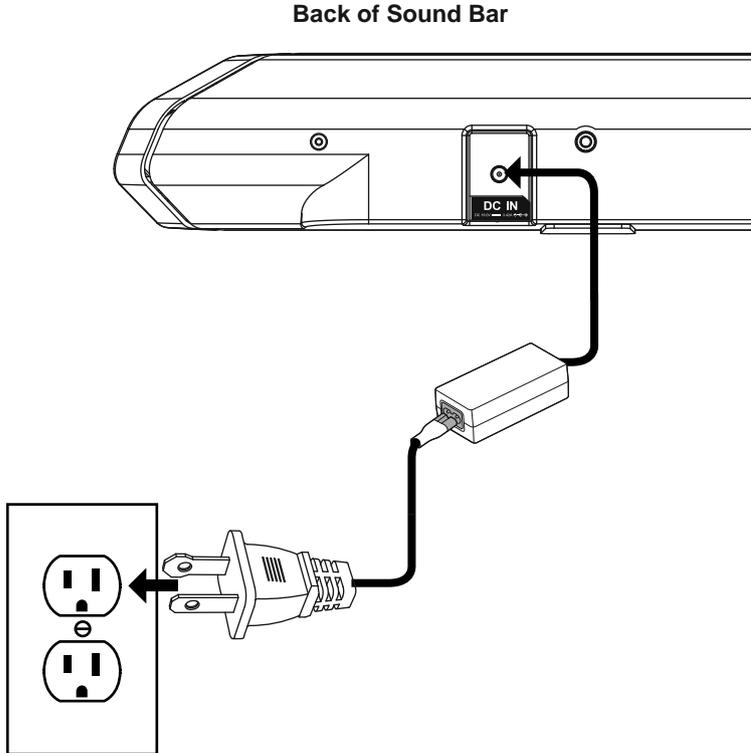
3 Connect the SURROUND LEFT AND SURROUND BACK LEFT to the LEFT subwoofer using the included satellite speaker audio cables.

LEFT

LEFT
SURR

LEFT
BACK

LEFT

BACK   SURR
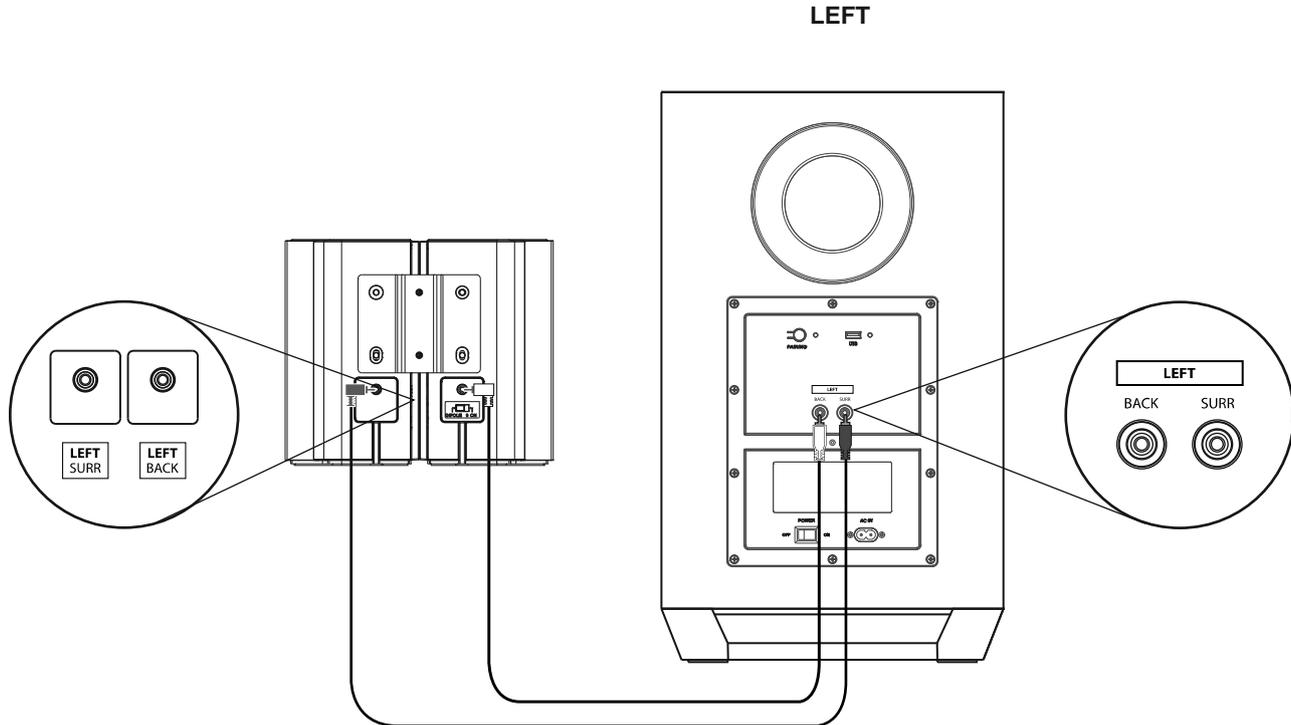
Connect the SURROUND RIGHT AND SURROUND BACK RIGHT to the RIGHT subwoofer using the included satellite speaker audio cables.

RIGHT
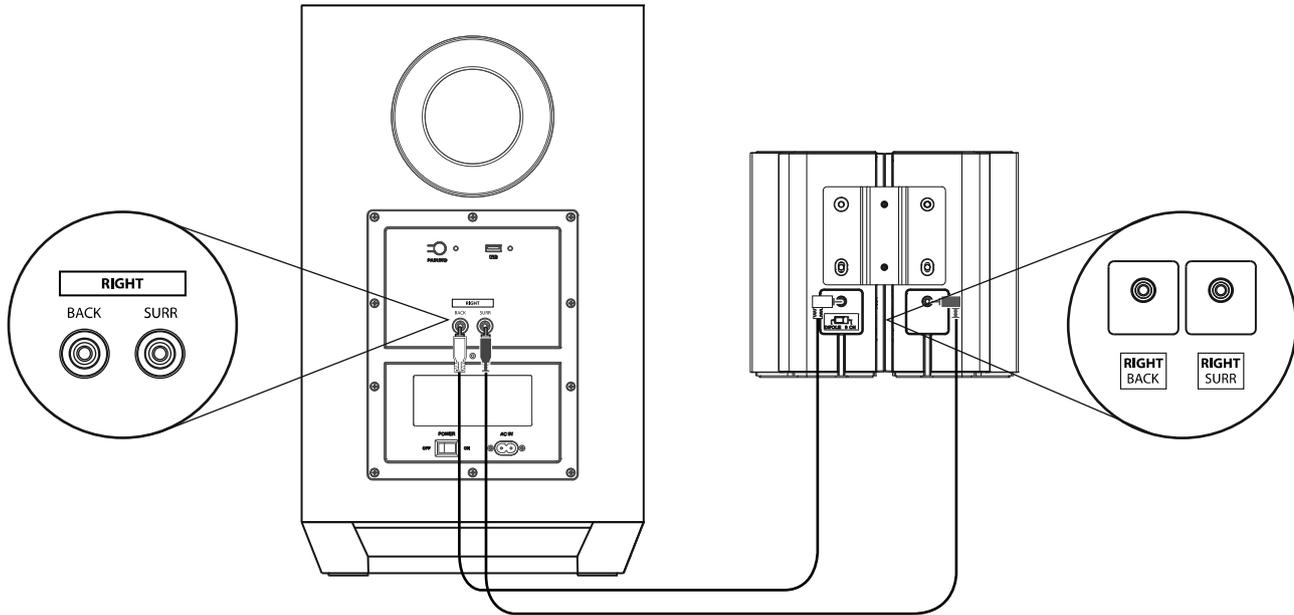
LEFT & RIGHT Subwoofers
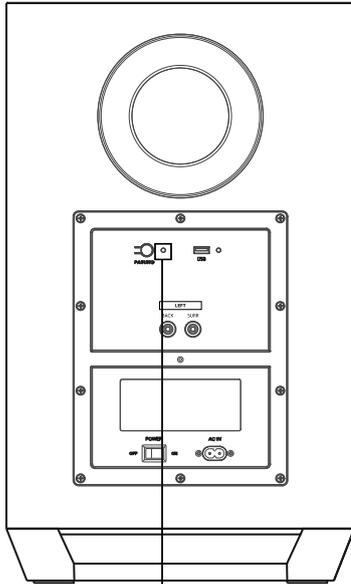
Blue LED Indicator

Blinking Blue light: subwoofer ready to pair
Blue light stays on: subwoofer successfully paired

4

AC IN
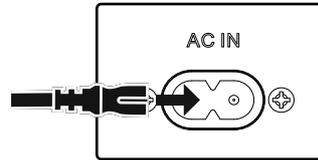
Connect a power cable to the subwoofer.

5
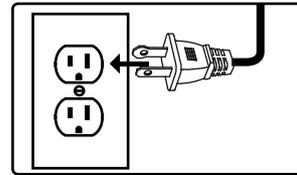
Plug the power cable into a power outlet.

6

POWER

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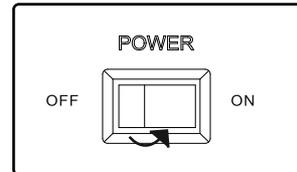
Flip the power switch into the **ON** position.

7

Top
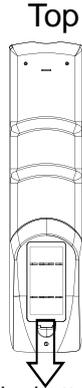
Remove the battery cover by pulling it out from the remote.

8

Top
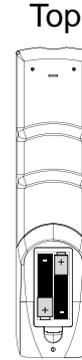
Insert the batteries included in the accessories and gently push the battery cover back into place.

9 Turn your Soundbar on by pressing the Power button. Use respective input keys to select an audio input source to be played.

Power

BLUETOOTH / USB MODE ONLY

▶II ■ I◀◀ ▶▶I

HDMI ARC | HDMI 2 | HDMI 3

HDMI 4 | OPTICAL | COAXIAL

Source

※ | AUX | USB

SYSTEM MEMORY

1 | 2 | NIGHT

MUSIC | MOVIE | ENTER TAINMENT

CLEAR VOICE | STEREO | PURE DIRECT | DSP OFF

V | S | D | DSP

SETUP | dts:X | MENU

+
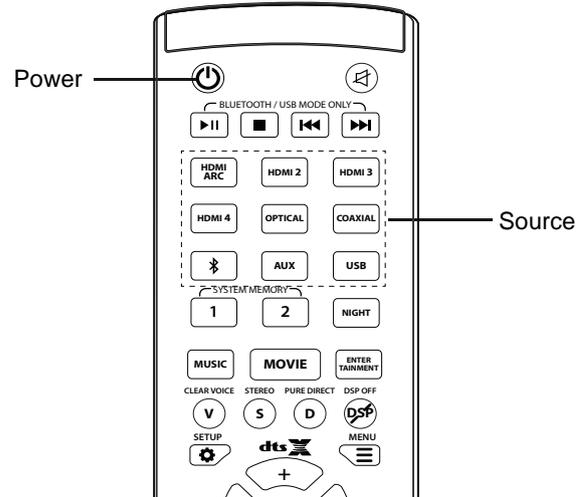
SETTING YOUR TV

What is HDMI Audio Return Channel (ARC)?

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

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

Audio settings for TV*

Setting the audio output:

A) Go to Settings > Sound
B) Select Speaker Setting
C) Set as Audio Out

Setting the audio format:

A) Go to Settings > Sound > Additional setting
B) Select Audio Format
C) Set as Dolby Digital / DTS / Bit stream

What is CEC?

CEC is a HDMI protocol that is only available when:
1. Your TV is CEC enabled. (Check your TV manual for more information)
2. The sound bar and TV is connected via a HDMI cable through the ARC ports.

By doing so, you are able to control the sound bar's volume and power functions with the TV remote.

Enabling CEC †

From the SYSTEM menu, enable CEC and ARC (SAC)† functions.

From the CEC menu, select Device Discovery to register the sound bar with the TV.

*More set-up on HDMI-CEC, visit: www.nakamichi-usa.com/faq

*   Steps may differ by TV manufacturer. See your TV's user manual for more information.
†   HDMI-CEC TV Trade names: Samsung (Anynet++), Sharp (Aquos Link), Sony (Bravia Sync), LG (SimpLink), Panasonic (HDAVI Control, EZ-Sync, Viera Link), Philips (EasyLink), Vizio (CEC), Hitachi (HDMI-CEC)
Naming may differ by TV manufacturer. See your TV's user manual for more information.

CONNECTING THE TV

1

Back of Sound Bar

DIGITAL OPTICAL CABLE†

BETTER

COAXIAL CABLE† ‡

BETTER

3.5MM AUDIO CABLE
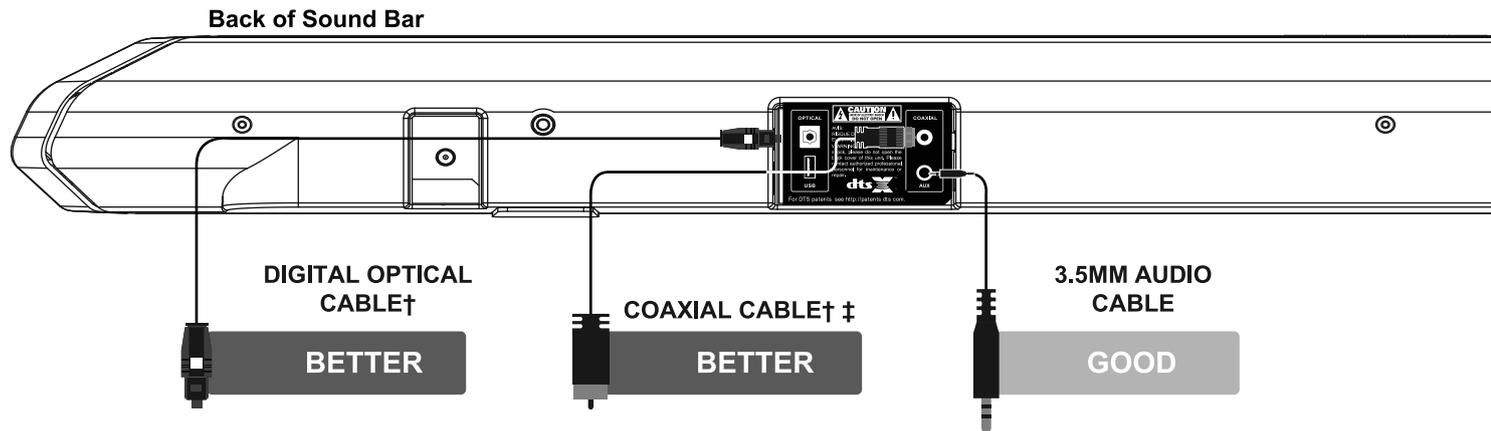
GOOD

CHOOSE ONE CABLE AND CONNECT IT TO YOUR TV

GOOD

OR

BETTER

OR

(See next page)   BEST
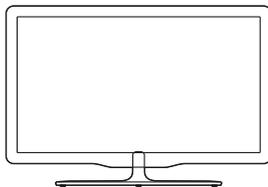
Be sure the TV port is an audio output, not an audio input.

* 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.

* Cable 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.
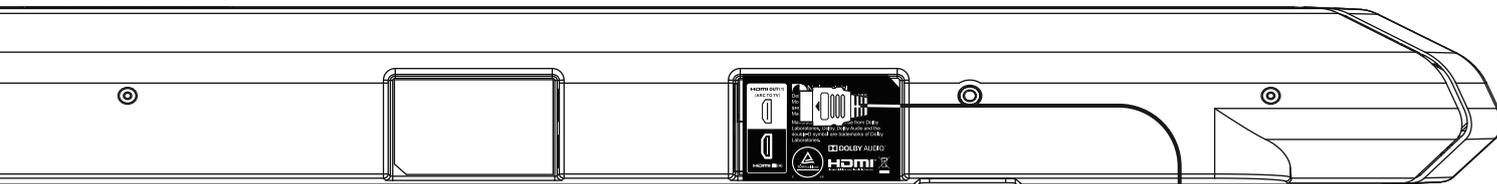
1. Connect one end of the HDMI cable to the HDMI (ARC) port at the back of your TV.

2. Connect the other end to the HDMI OUT [1] (ARC TO TV) port on your Nakamichi sound bar.

   (HDMI cables send Video (Out) and receive Audio from the TV)

HDMI CABLE

BEST

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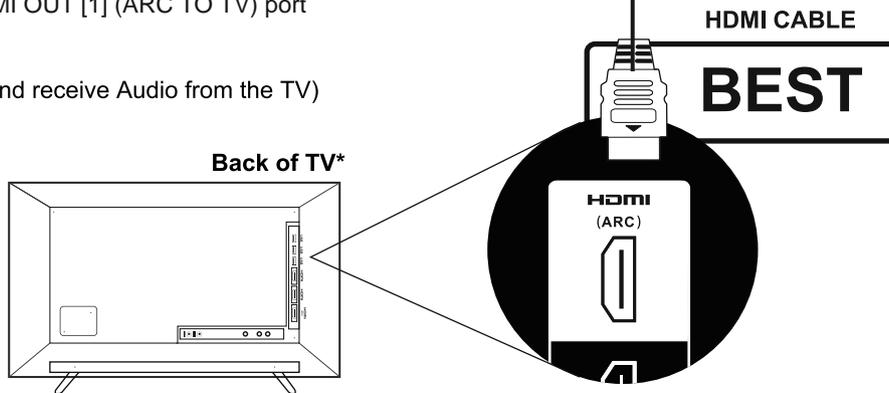
* HDMI ARC port location may differ by TV manufacturer. See your TV's user manual for more information.

ADVANCED SETUP - NON HDMI

Back of Sound Bar

OPTICAL
Digital Optical
Audio In

COAXIAL †
Digital
Coaxial In

AUX
Analog Audio In
(Stereo 3.5mm)

Game Console

Network Media Player

Tablet/MP3 Player/Computer
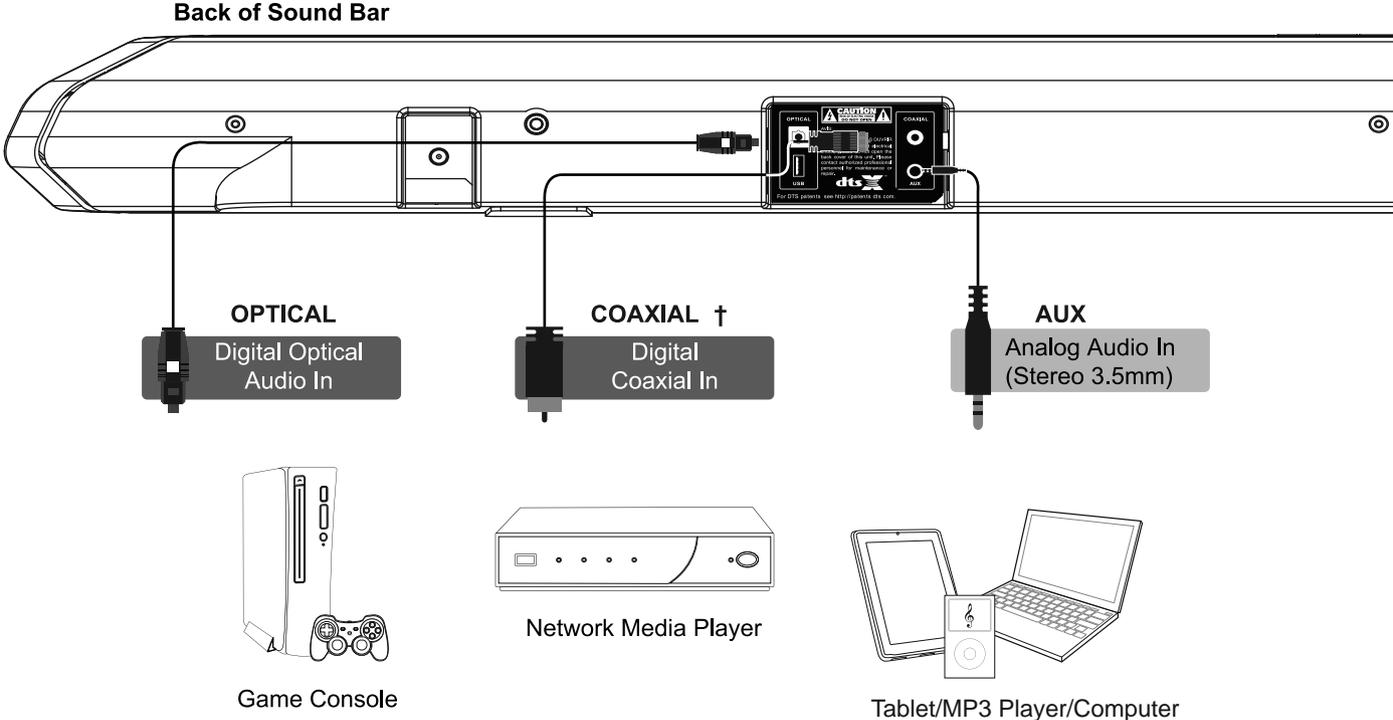
† Cable not included

ADVANCED SETUP - HDMI

HDMI cables transmit both audio and video. To view video from these devices, turn the Soundbar on, then set the **Soundbar input** to HDMI IN [2], HDMI IN [3] or HDMI IN [4]. Set your **TV input** to the HDMI ARC port to which the Soundbar is connected.

Back of Sound Bar

HDMI IN [2]
(compatible with HDCP 2.2, 4K HDR pass thru)

HDMI IN [3]
(compatible with HDCP 2.2, 4K HDR pass thru)

HDMI IN [4]
(compatible with HDCP 2.2, 4K HDR pass thru)

HDMI OUT [1]
(ARC TO TV)

Blu-ray Player

OR

Cable/Satellite Box

GAME CONSOLE

BACK OF TV
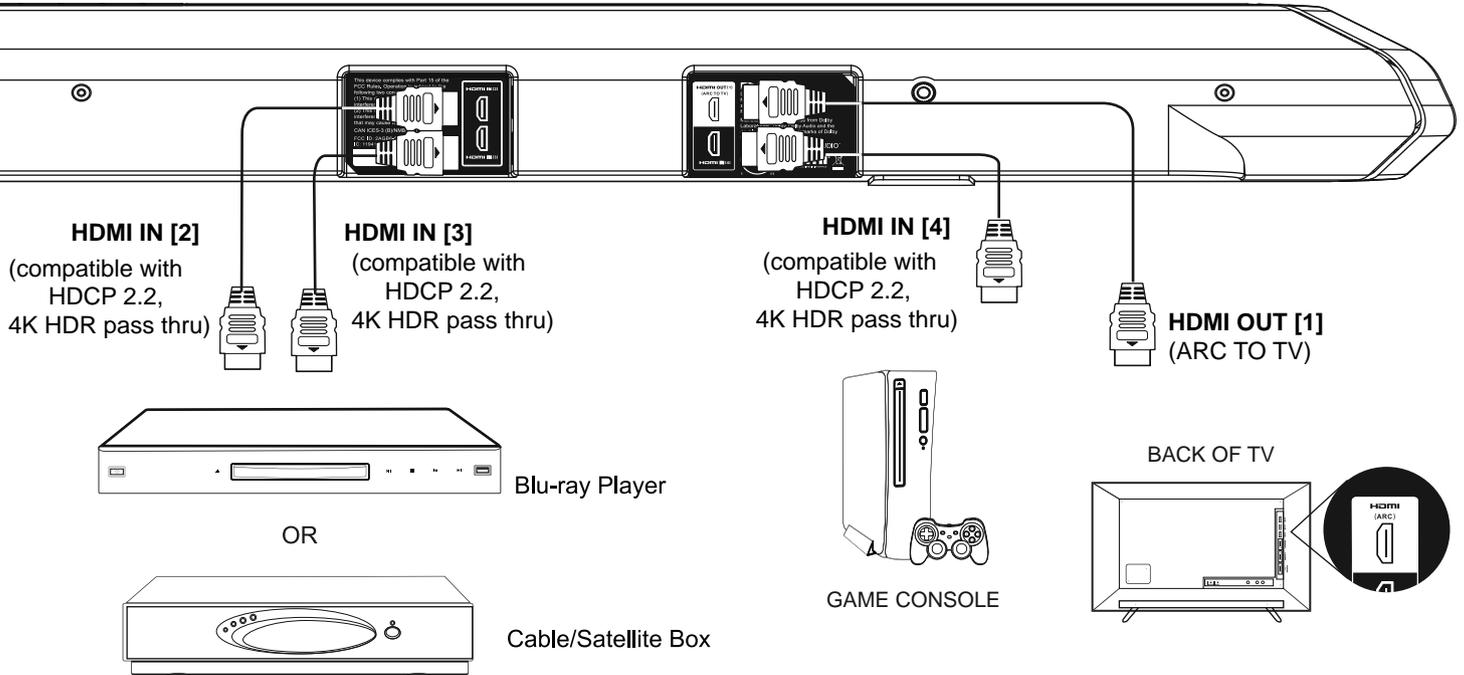
* Cables appearance may differ from the ones supplied.

19

One Device Setup:

HDMI IN (Preferably ARC)

HDMI OUT [1]
(ARC TO TV)

HDMI IN [2]

HDMI OUT
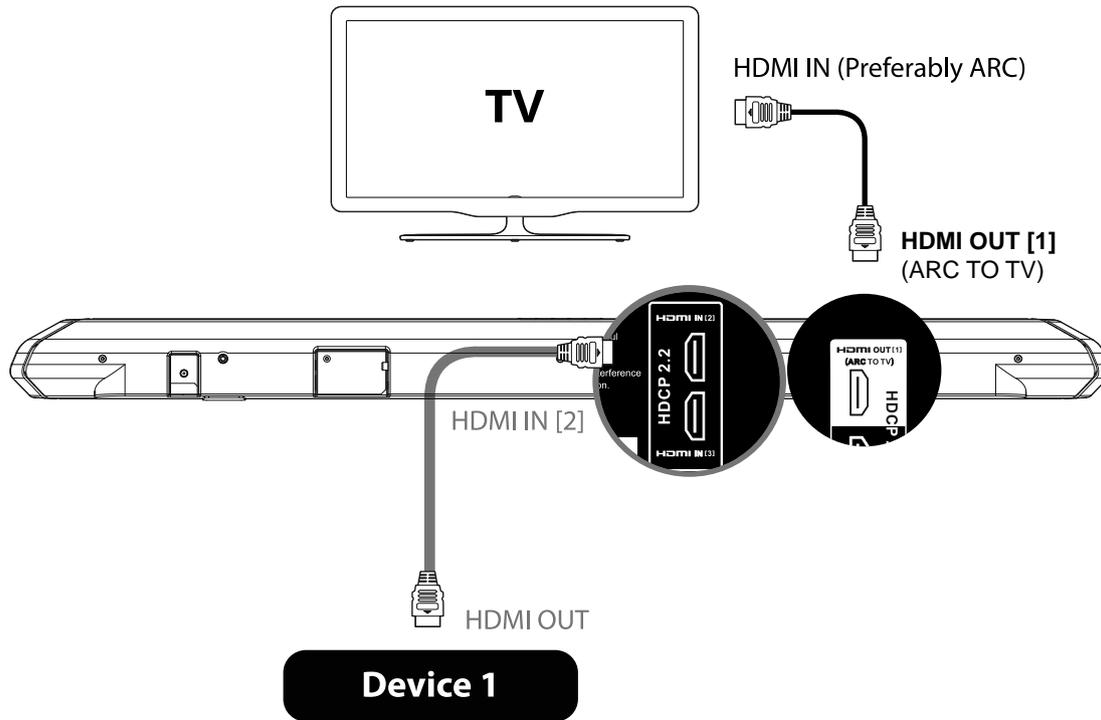
Device 1

If your TV is previously connected to a sound system or soundbar, disconnect the TV AC Power cord from the wall for one minute. Plug the TV power back in and then connect the HDMI ARC to the Soundbar to ensure proper HDMI handshake.

If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

Two Devices Setup:

TV

HDMI IN (Preferably ARC)

HDMI OUT [1]
(ARC TO TV)

HDMI IN [2]

HDMI IN [3]

HDMI OUT

HDMI OUT
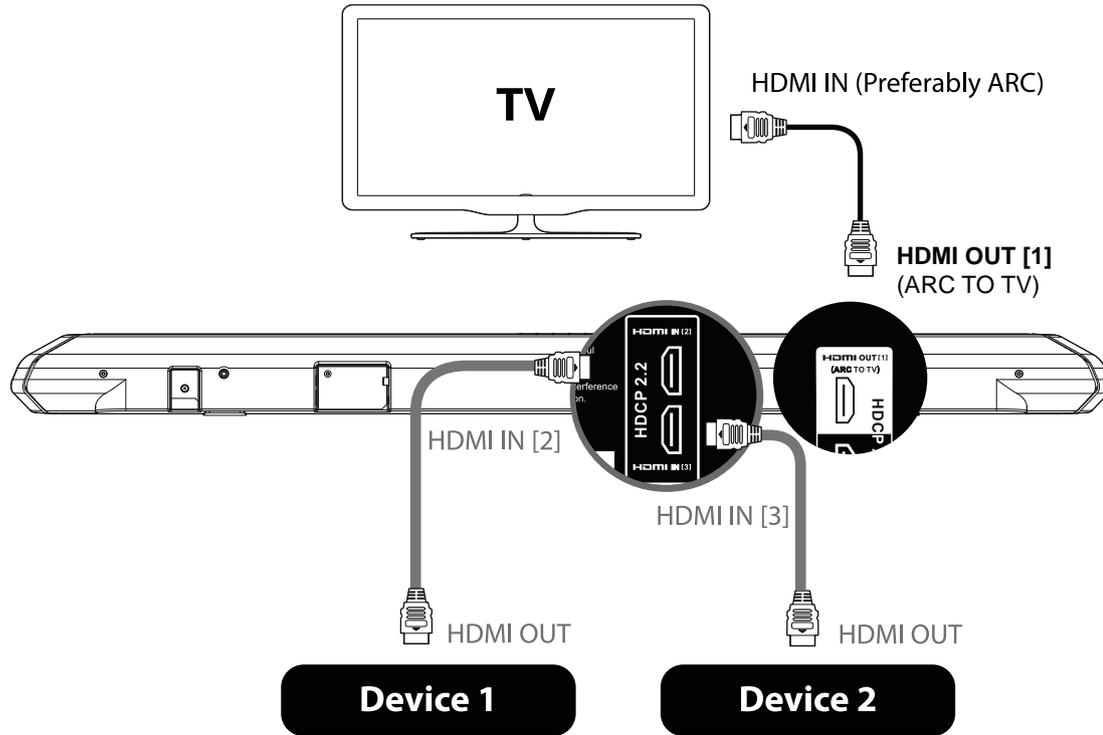
Device 1

Device 2

If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

Three Devices Setup:

TV

HDMI IN (Preferably ARC)

HDMI OUT [1]
(ARC TO TV)

HDMI IN (2)

HDMI OUT(1)
(ARC TO TV)

HDCP 2.2

HDCP 2.2

HDMI IN (3)

HDMI IN (4)

HDMI IN [2]

HDMI IN [3]

HDMI IN [4]

HDMI OUT

HDMI OUT

HDMI OUT

Device 1

Device 2

Device 3

If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

Four Devices Setup:

TV

HDMI IN (Preferably ARC)

VIDEO connection

HDMI OUT [1]
(ARC TO TV)

HDMI OUT

AUDIO

Device 4

AUDIO

HDMI IN [2]

HDMI OUT

Device 4

Device 1

HDMI IN [3]

HDMI OUT

Device 2

HDMI IN [4]

HDMI OUT

Device 3

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

OPTICAL   COAXIAL

AVIS:
RISQUE DE CHOC
ELECTRIQUE / NE PAS OUVRIR
WARNING: To avoid electrical

HDCP 2.2

HDCP 2.2

If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

AUDIO SETTINGS FOR STREAMING DEVICES

Blu-Ray™/DVD™ Players
A) Go to Settings
B) Select Audio
C) Set as Dolby Digital / DTS / Bit stream

Amazon™ Fire TV
A) Go to Settings
B) Select Display & Sounds
C) Select Audio
D) Set Dolby Digital Plus

Apple™ TV 3
A) Go to Settings
B) Select Audio & Video
C) Set as Audio Output to 16 Bit

Apple™ TV 4
A) Go to Settings
B) Select Audio & Video
C) Select Surround Sound
D) Set as Dolby Digital 5.1

**Roku™ 4
(Optical Connection Recommanded)**
A) Go to Settings
B) Select Audio
C) Select Audio Mode
D) Set to DD DTS

PlayStation® 4
Setting the audio output:
A) Go to Settings
B) Select Sound Settings
C) Select Audio Output Settings
D) Set Connector Type to HDMI Audio or Optical audio

Setting the secondary audio format:
A) Play the movie (this step is important)
B) Press the Options button on the controller
C) Go to Settings > Audio Format
D) Set to Dolby Digital 5.1 / DTS 5.1 / Bitstream

XBox® One
A) Go to Settings
B) Select Display & Sound
C) Set Audio Output
D) Set Digital Audio to HDMI Audio or Optical Audio
E) Set Audio Options to Bit stream Out

*Be sure to connect via the **HDMI OUT** port when the HDMI cable is used on the Xbox One.*

XBox® 360
A) Go to Settings
B) Select System
C) Select Console Settings
D) Select Audio
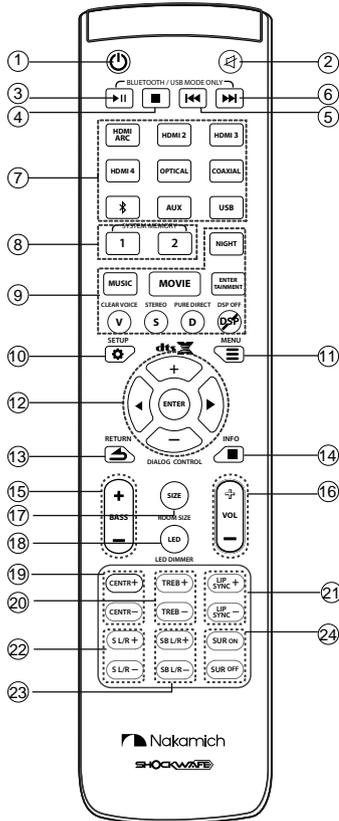E) Select Digital Output
F) Set to Dolby Digital 5.1

Xfinity®
A) Go to Setting
B) Select Audio Codec
C) Select HDMI or Optical
D) Set Audio Range to Normal
E) Set Audio Output to Fixed

We are constantly updating this list.
If you do not find your streaming device here,

Please visit :
www.nakamichi-usa.com/audio-setting

Contact us:
support@nakamichi-usa.com

USING THE REMOTE

① **Power** ⏻
Press to turn on/off the Soundbar.

② **Mute** ⊿
Press to mute/unmute the Soundbar.

③ **Play/ Pause** ▶ǀǀ
Press to play/pause track in Bluetooth or USB mode.

④ **Stop** ■
Press to stop track in USB mode.

⑤ **Previous** ◀◀
Press to return to the previous track in Bluetooth or USB mode.

⑥ **Next** ▶▶
Press to skip to the next track in Bluetooth or USB mode.

⑦ **Input Source**
Press to select an audio input source.

⑧ **System Memory**
Press and hold to save your volume and current settings. See Page 31.

⑨ **EQs**
Press to cycle through different EQs.

⑩ **SETUP** ✿
Press to display the setup settings: DTS:X & DOLDY DRC, ECO mode and Factory reset. To use Setup function, please switch to HDMI ARC input. See Page 27.

⑪ **MENU** ☰
Press to display menu settings: Firmware upgrade and Wireless subwoofer pairing. To use Menu function, please switch to USB input.

⑫ **DTS:X**
Dialog Control for DTS:X encoded material only. Press to adjust the DTS:X audio content's Dialog (Vocal) level.
Left, Right Arrow and Enter.
Press to change the setting in Setup and Menu function.

⑬ **Return** ⏏
Press to return to the previous selection in Setup and Menu function.

⑭ **Info** ■
Press to display the information display on the front LED Display.

⑮ **Bass +/-**
Press to adjust the dual subwoofers' level.

⑯ **Vol +/-**
Press to adjust the volume of the Soundbar.

⑰ **Room Size**
Press to select a pre-defined optimized room size (Small, Medium and Large) .

⑱ **LED Dimmer**
Press to adjust the front LED Display's brightness.

⑲ **Center +/-**
Press to adjust the center level.

⑳ **Treble +/-**
Press to adjust the high tones (treble) level.

㉑ **Lip Sync +/-**
Press to adjust the deviations in timing between audio and video playback. Works for input: HDMI 1 to 4, Optical and Coaxial.

㉒ **SURR L & R +/-**
Press to adjust the surround left & right speakers' volume.

㉓ **SURR Back L & R +/-**
Press to adjust the surround back left & right speakers' volume.

㉔ **SURR On/Off**
Press to enable/disabled surround sound. When enabled (On), all inputs will produce 9.2 surround sound. When disabled (Off), the satellite speakers will be disabled.

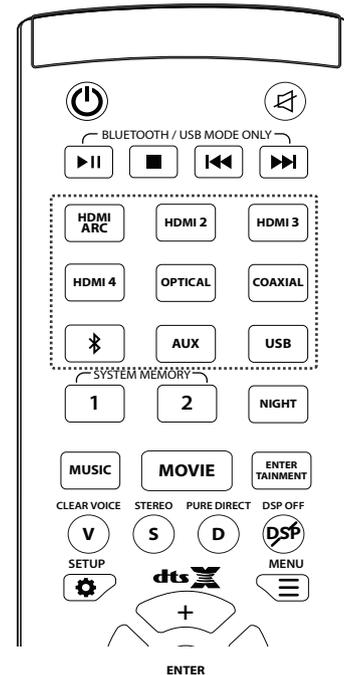# ACCESSING SOURCE ON YOUR REMOTE

Press respective buttons to select an audio input source.

Each input source (function) will be displayed on the Soundbar's front LED display.

Input source (function):

Button	5 LED DIGITS on Sound Bar
HDMI ARC	ARC
HDMI 2	HDMI2
HDMI 3	HDMI3
HDMI 4	HDMI4
OPTICAL	OPT
COAXIAL	COAX
BLUETOOH	BT
AUX	AUX
USB	USB

ACCESSING SETUP ON YOUR REMOTE

To use SETUP function, please **switch to HDMI ARC** input.

Setting the SETUP selection:

1. **Press the SETUP (⚙) button.**
   The selection changes as follows each time the SETUP (⚙) button is pressed

   "DTS:X & DOLBY Dynamic range compression (DRC)", "Power Saving (Eco)" & "Factory Reset"

   ↓

   Change the setting value of each selection

   ↓

   Exit the SETUP

2. **Press the SETUP (⚙) button to access to different setup selection: DRC > ECO > RESET, and press ENTER.**
   Repeat these steps to display the desired setup.

SET-UP	VALUES	Press ENTER
DRC	50	Completed
ECO	100	
RESET	OFF	

   Press the RETURN button to return to the previous selection

3. Press the arrow button to change the setting value of each setup. Press ENTER to confirm.

4. Press the SETUP (⚙) button again to exit the setup menu.
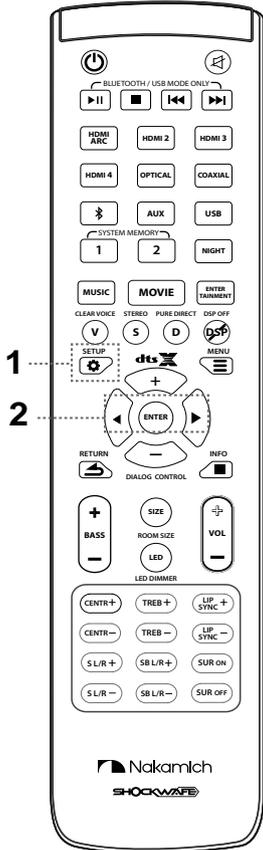
SET-UP Selection List:

SET-UP	SELECTION (Press ENTER)	VALUES	After 5 seconds
DTS:X & DOLBY Dynamic Range Compression (DRC)	DRC (Default OFF)	50%	Completed, LED display will go back to current input source.
		100%	
		OFF	
POWER SAVING (30 mins power off)	ECO (Default ECO ON)	OFF	Completed, LED display will go back to current input source.
		ON	
Factory Reset	RESET	YES	Completed, System Restarts
		ON	

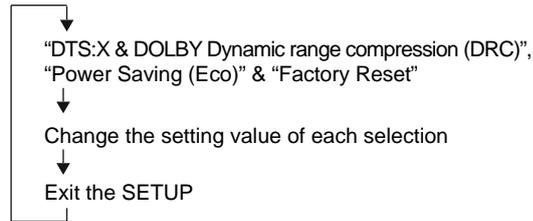*Dynamic Range Compression (DRC) is a feature to balance the range between the loudest and quietest sound.

27

ACCESSING MENU ON YOUR REMOTE

To use MENU function, please **switch to USB** input.

Setting the MENU selection:

1. Press the MENU (≡) button to select

FWUPG

SUB PAIR

Firmware Upgrade (USB) or Wireless Subwoofer Pairing and press ENTER.

2. Soundbar performing task.

FW UPGRADE

UPG --

DONE

Press the RETURN(⏏) button to return to the previous selection

3. Press the MENU (≡) button to exit the MENU selection
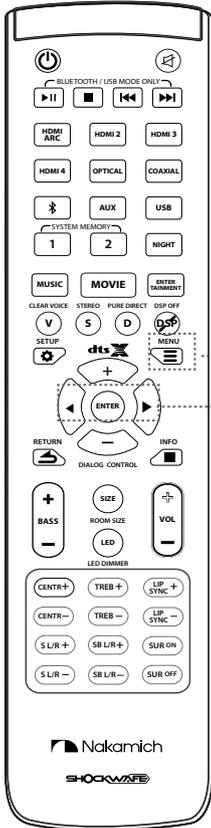
SET-UP Selection List:

MENU	SELECTION	FUNCTIONS
FIRMWARE UPGRADE (USB)	FWUPG	UPGRADING
		DONE
		FAIL
WIRELESS SUBWOOFER PAIRING	SUB PAIR	PAIRING
		DONE
		FAIL

1

2

ACCESSING INFO ON YOUR REMOTE

Switching information displayed on the front panel LED display.

Information regarding the Firmware version, Decoder format, EQs mode, Volume, Bass, Center, Treble, front Surround and Surround back is displayed.

1. Press the INFO button.

Display changes as follows each time the INFO button is pressed.
The information varies according to the input source.

Firmware Version

↓

Decoder format: Audio format playing, e.g. DTS, DOLBY or PCM

↓

EQ mode: e.g. Movie, Music, Stereo...

↓

Volume

↓

Bass levels

↓

Center channel levels

↓

Treble levels

↓

Surround Left & Right channel levels

↓

Surround Back Left & Right channel levels

↓
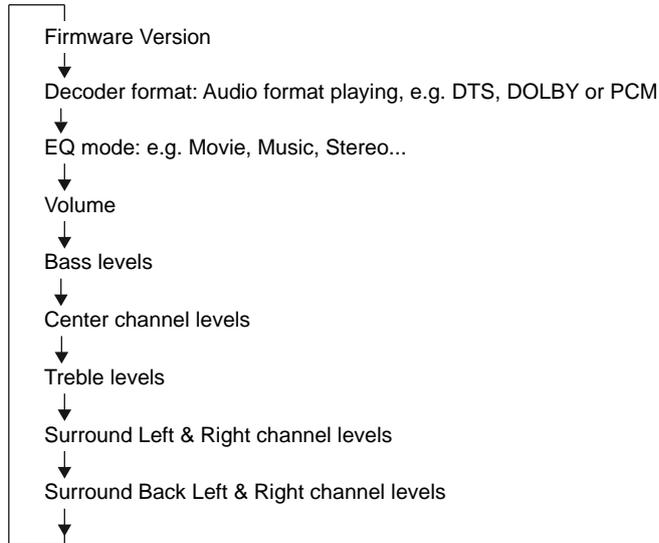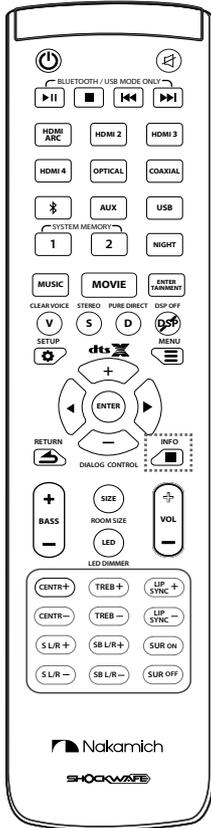
ACCESSING EQs ON YOUR REMOTE

Press the EQs buttons on your remote to select the desired EQs settings for your preferences. Each EQs settings will be displayed on the Soundbar's LED Display. MOVIE EQ is the default EQ setting. Every change in EQ, the system will remember the last setting.

| NIGHT	BASS LOW	Reduces the Bass volume to level 01 for night time listening.
	ON	Enables the Subwoofers.
MUSIC	MUSIC	Reproduces the acoustic environment and lets you feel as if you are seating in front of the stage.
MOVIE	MOVIE	Reproduces the thrilling environment of action films and lets you feel the dynamic and excitement of action scenes.
ENTERTAINMENT	SPORTS	Reproduces the energetic environment of live sports broadcasting, converging a commentator's voice on the center and broadening the overall atmosphere of the stadium.
	NEWS	Reproduces excitement of live talk shows, it enhances the ambience of gaiety while keeping the dialog at a comfortable.
	GAME	Reproduces sound field effects for adventure games to represent the depth and spatial feeling of the environment.
CLEAR VOICE	CLEAR VOICE	Enhances clarity of dialog playback.
STEREO	STEREO	2-channel stereo playback using the right front and left front channels is enabled. When multi-channel audio signals are inputted, they are down-mixed to 2 channels.
PURE DIRECT	PURE DIRECT	Disable DTS Neural:X upmixing. Audio remapping ON.
	NATIVE	Disable DTS Neural:X upmixing. Audio remapping OFF. Direct decoder format to native 2.0/ 5.1/ 7.1 channel audio.
	PURE DIRECT OFF	Enable DTS Neural:X upmixing.
DSP OFF	DSP OFF	Audio playback without using any pre-defined Nakamichi EQ settings.

LED Display of EQs Settings:

BASS 01	B LOW
ON	B ON
MUSIC	MUSIC
MOVIE	MOVIE
SPORTS	SPRTS
NEWS	NEWS
GAME	GAME
CLEAR VOICE	CLEAR VOICE
STEREO	STEREO
PURE DIRECT	PURE DIRECT
NATIVE	NATIVE
DSP OFF	DSP OFF

* Neural:X technology, please refer to pg. 42

SAVING AUDIO SETTING TO SYSTEM MEMORY

Two sets of audio settings can be saved on the Soundbar's memory, enabling quick loading of settings optimized for user preference.
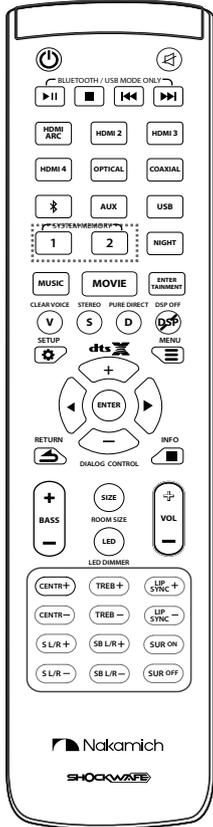
LED Display on Sound bar:

Function	Button	5 LED DIGITS on Sound Bar
SYSTEM MEMORY	Customized Memory 1 Long press to SAVE1	SAVE1
	Once saved, show M1SET	M1SET
	Customized Memory 2 Long press to SAVE2	SAVE2
	Once saved, show M2SET	M2SET

Saving settings to system memory:

1. Hold down the SYSTEM MEMORY 1 or 2 button until "SAVE1" or "SAVE2", corresponding to the button pressed, is displayed on LED.

2. When the SYSTEM MEMORY 1 or 2 settings are saved, "M1SET" or "M2SET" is displayed.

If system settings are already stored in the selected memory 1 or 2, the system overwrites the old settings.

Loading settings
1.Press the SYSTEM MEMORY 1 or 2 button once and the corresponding settings will be loaded. If the SYSTEM MEMORY 1 button is pressed, "M1" will be displayed.

The following audio settings can be saved to system memory:
a) EQ mode
b) Volume
c) Bass
d) Treble
e) Center
f) Surround L&R
g) Surround Back L&R

ACCESSING ROOM SIZE ON YOUR REMOTE

Three preset room configurations for Small, Medium and Large rooms are saved to this unit's memory, enabling quick loading of settings **optimized** for different room sizes.

Room Size	Small	Medium (Average)	Large
Square feet	199	326	484 or more
Room dimension: Length x Width (feet)	14 x 14	18 x 18	22 x 22 or bigger

LARGE ROOM
22ft x 22ft
(484ft. sq.)

Greater than or equal to (12.1ft)

Greater than or equal to

(9.8ft)   (9.8ft)

Greater than or equal to
(8.2ft)   (8.2ft)
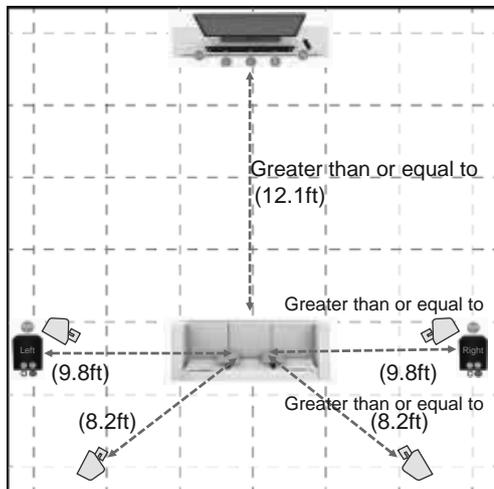
MEDIUM ROOM
18ft x 18ft
(326ft. sq.)

(9.8ft)

(8.2ft)   (8.2ft)

(6.5ft)   (6.5ft)
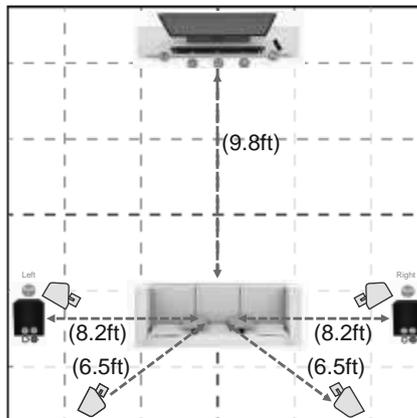
SMALL ROOM
14ft x 14ft
(199ft. sq.)

(6.5ft)

(6.5ft)   (6.5ft)

(5ft)   (5ft)
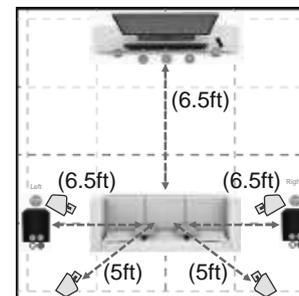
USING BLUETOOTH MODE

Stream music wirelessly from your mobile device via Bluetooth (BT) with aptX. BT audio transmission is often compressed using bit-rate reduction. Qualcomm aptX audio technology enhances BT wireless sound quality by replicating the entire frequency of the audio, reproducing pure sound and ensuring that listeners hear everything as the artist intended.

Maximizing Signal

A Bluetooth signal has a range of up to 30 feet.

If you hear any break-up or disconnect while streaming music from your device, move the source device closer to the Sound Bar.

BLUETOOTH PAIRING

To pair the Soundbar with a Bluetooth device:

1. Press the Bluetooth (✳) button on the remote control. The LED display on the soundbar will display "BT" blinking.
   Note: Set your Bluetooth device into pairing mode prior to pairing with the Soundbar.

2. You can now search for the Soundbar (SHOCKWAFE) using your Bluetooth device. For more information, refer to the user documentation that comes with the device.

3. Play audio from your Bluetooth device. Volume can be controlled on your source device and Soundbar remote control.

Note: If the soundbar detects the Bluetooth device previously connected, the Soundbar automatically connects to the Bluetooth device after Step 1

To disconnect the Soundbar with a paired Bluetooth device:
1. Hold down the Bluetooth (✳) button on the remote control. The LED display on the soundbar will display "BT" blinking. The Soundbar is ready to pair with a new device.
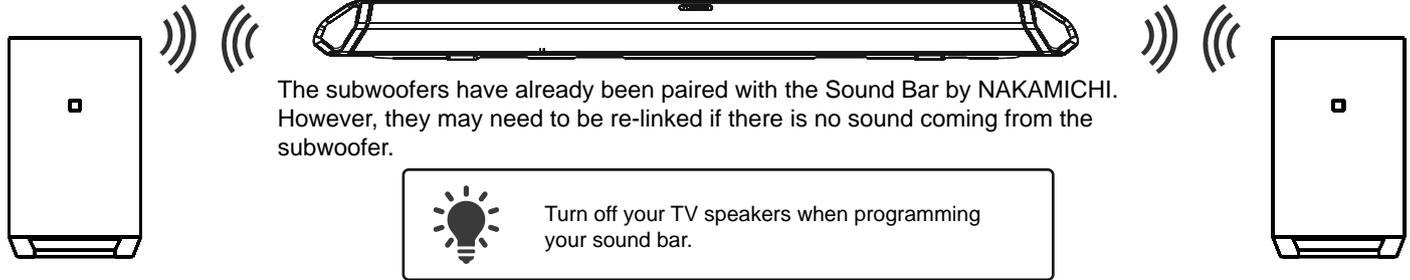
> 💡 Your Sound Bar is not equipped with a microphone, so it cannot operate as a hands-free device for a smartphone.

> ⚠️ 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 SOUNDBAR

The subwoofers have already been paired with the Sound Bar by NAKAMICHI. However, they may need to be re-linked if there is no sound coming from the subwoofer.

Turn off your TV speakers when programming your sound bar.

1
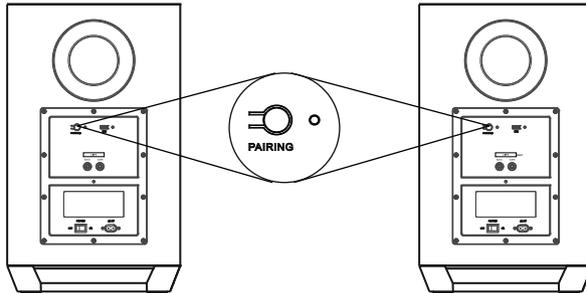
Ensure that the Soundbar is switched OFF. On the two Subwoofers, first confirm that the power switches are in the ON position at the back of the LEFT Subwoofer and then the RIGHT Subwoofer. Press the PAIRING button on the LEFT and then the RIGHT Subwoofer. The BLUE LED on the back of the two subwoofers will begin the blink.

2 Power and switch ON the soundbar.

3 Switch to USB mode, press and hold the DEMO button for 5 seconds. **OR** Using the remote control, (a) Switch to USB mode, (b) Toggle the MENU button to "SUB PAIR" and (c) Press ENTER. The LED display on the Soundbar will display "SUB PAIR" then "PAIR-". Once the linking is completed, the BLUE LED on the back of the two subwoofers will light up continuously. The two subwoofers are now linked with the Soundbar.
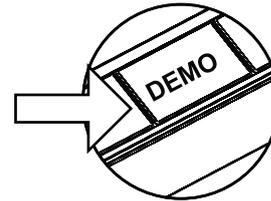
WALL - MOUNTING THE SOUND BAR

1

Back of Sound Bar

Wall-Mount Screw Holes

Insert the two mounting screws into the
wall-mount screw holes, and then tighten them.

2

WALL MOUNTING TEMPLATE / MODELE DE SUPPORT MURAL / PLANTILLA PARA MONTAJE EN LA PAREO

LEAVE THIS SPACE BETWEEN THE SOUND BAR AND YOUR TV/LAISSEZ CET ESPACE ENTRE LA BARRE DE SON ET VOTRE TELEVISEUR/DEJE ESTE ESPACIO ENTEE LA BARRA DE SONIDO Y EL TELEVSIOR

27.82 inch

MARK HERE
APPOSEZ UNE MARQUE ICI
MARQUE AQUI

MARK HERE
APPOSEZ UNE MARQUE ICI

MARK HERE
APPOSEZ UNE MARQUE ICI
MARQUE AQUI

MARK HERE
APPOSEZ UNE MARQUE ICI
MARQUE AQUI

CENTER LINE / LIGNE CENTRALE / LINEA CENTRAL

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).

Choose the screw type and length appropriate to your home's construction. If in doubt, consult a professional installer.

⚠️ 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
Screw Size: M4 x 10

WALL - MOUNTING THE SATELLITE SPEAKERS

To wall-mount the satellite speakers:

1. Attach the mounting screws to the back of the satellite speaker.

2. 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 tools are 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.

BEST: Detached

Mounting Screws

BETTER: Attached

Mounting Screws
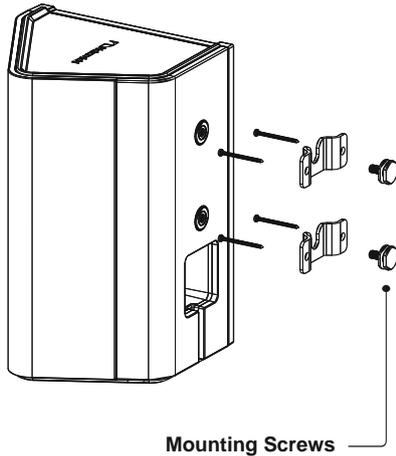
FIRMWARE UPGRADE

New firmware that provides additional features or product improvements will be release as needed. Firmware updates can be downloaded at www.nakamichi-usa.com/fw

Do not perform this procedure unless firmware update is necessary. Make sure you read the information supplied with the updates before updating the firmware.

Checking the firmware version:

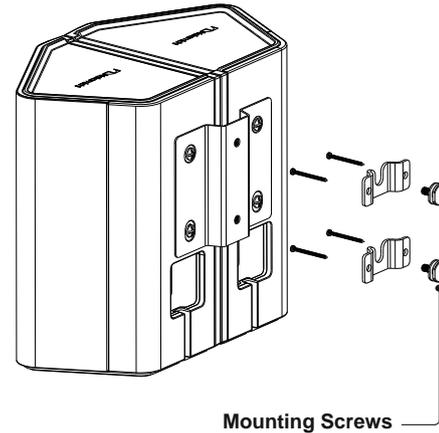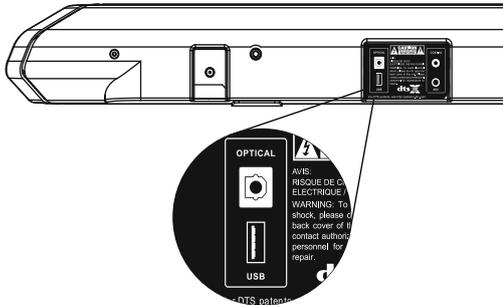On the remote control toggle the INFO button until the LED display "FW XX". The firmware version will be displayed.

SOUNDBAR FIRMWARE UPGRADE

1. Press the USB button on the remote control to USB mode.
2. Insert the USB stick with the unzipped firmware into the Soundbar's USB port.
3. Press and hold the ENTER button.
4. Firmware updating process will be displayed on the LED screen.
5. Once the firmware is completed, the Soundbar will restart automatically.

SUBWOOFER FIRMWARE UPGRADE
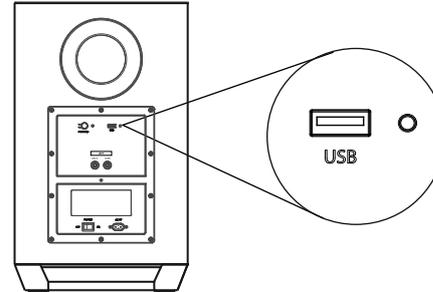
1. Insert the USB stick with the unzipped firmware into the LEFT Subwoofer's USB port.
2. Firmware upgrading will start automatically. The RED LED light will start blinking during the firmware updating process.
3. Once firmware update is completed, the RED LED light will turn off.
4. Repeat step (1) for the RIGHT subwoofer.

*When you perform firmware upgrade, ensure that BOTH the LEFT & RIGHT subwoofer's firmware are upgraded.

UPGRADE PROCESS

SOUNDBAR FIRMWARE UPGRADE

Firmware upgrade process **may take up to 5 to 10 minutes.**

Update progress is displayed on the front panel display when the firmware is upgrading. During each upgrading stage, there will be a numeric percentage to show its progress.

UPGRADING	UPG--

MCU	MCU00
DSP	DSP00
HDMI	HDM00
Wireless	TX00
Bluetooth	BT00

DONE	DONE
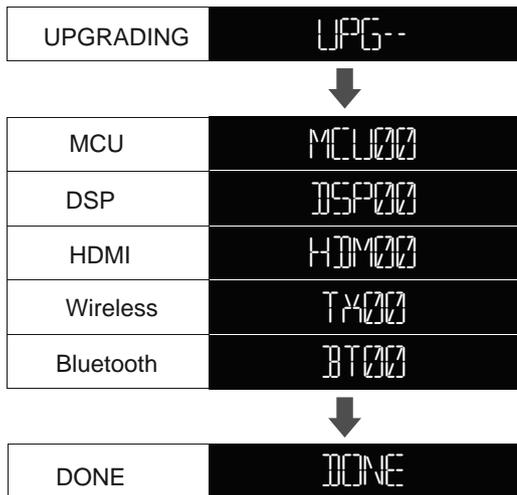
Once the firmware is completed, the Soundbar will restart automatically to factory default setting.

SUBWOOFER FIRMWARE UPGRADE

Firmware upgrade process **may take up to 5 to 10 minutes.**

After inserting the USB stick to the subwoofer's USB port, the subwoofer is accessing the firmware and may takes up to 2 minutes before the RED LED light will starting blinking.

5 to 10 minutes
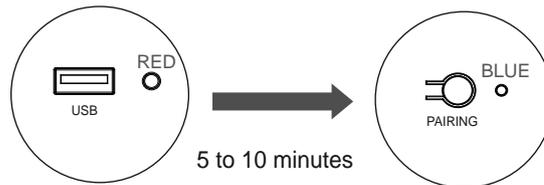
Once the firmware is completed, the RED LED light will turn off, and the BLUE LED next to the Pairing button will light up.

HELP & TROUBLESHOOTING

There is no power.
- Press the POWER button on the remote control or on the top of your Sound Bar.
- Ensure the power cord is securely connected.
- Plug a different device into the electrical outlet to verify that the outlet is working correctly.

There is no sound.
- Increase the volume. Press Volume Up on the remote control or on the top of your Sound Bar.
- Press MUTE on the remote to ensure the Sound Bar is not muted.
- Press SOURCE on the remote or on the top of your Sound Bar to select a different input source.
- 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.
- Your TV may be set to variable audio output. Confirm that the audio output setting is set to FIXED or STANDARD, not VARIABLE. Consult your TV's user manual for more detailed information.
- If using Bluetooth, ensure that the volume on your source device is turned up and that the device is not muted.

I hear sound cutting out.
- See Page 24 for optimal source device settings.
- Go to www. nakamichi-usa.com/audio-setting for the most updated list.
- Contact: support@nakamichi-usa.com (we guarantee a response within 24 hours.)

The remote isn't working.
- Replace the remote batteries with new ones.
- Point the remote directly at the center of the Sound Bar when pressing a button.
- If using a Bluetooth connection, some of the buttons on the remote may not be supported the streaming application.(e.g., Pandora doesn't support the Back button.)

Resetting the SHOCKWAFE.
- On the remote control, select HDMI ARC mode > Toggle SETUP button to "RESET" > Press ENTER > Select "YES" > Press ENTER.

For web support, please visit: www.nakamichi-usa.com/faq

ONE YEAR LIMITED WARRANTY

LIMITED WARRANTY (U.S. Only)

Nakamichi LLC ("Nakamichi") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Nakamichi will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Nakamichi will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Nakamichi elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Nakamichi will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, **freight prepaid,** in either its original packaging or packaging affording an equal degree of protection to the Nakamichi authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Nakamichi will not be responsible for any such damage or loss.** A dated purchase receipt is required.

CUSTOMER SUPPORT

Thank you for your purchase of this Product.
If you have any questions or comment, please visit our website at www.nakamichi-usa.com/faq or
email them to **support@nakamichi-usa.com**
Phone Support: **(415) 805 6913** (Mon - Fri 10am - 7pm PST)

GLOSSARY

This section explains the technical terms used in this user manual.

What is DTS:X Object Based Audio?
With traditional audio technologies, which channels (speakers) should output what types of sounds when creating audio sources was pre-defined. This is called "channel-based audio". In contrast, new audio systems such as DTS:X use a new technology called object-based audio. This technology processes each sound (e.g., the sound of a car or an actor's voice) contained in an audio source as an "object" and memorizes each object's sound changes and positional changes in a sound field to control these changes during playback. The greatest advantage of applying object-based audio to a home surround sound system is the power to control the audio output method based on device features and the number of speakers used for playback.

AUDIO INFORMATION
Dolby Digital
Dolby Digital is a compressed digital audio format developed by Dolby Laboratories, Inc. that supports 5.1-channel audio. This technology is used for audio on most DVD discs.

DTS: X Dialog Control
DTS: X Dialog Control allows you to boost the dialog. This can be useful in noisy environments to help make the dialog more intelligible. People with impaired hearing may also benefit. Note that the content creator may disable the use of this feature in the mix, so that DTS:X Dialog Control may not always be available.

DTS Digital Surround
DTS Digital Surround is a compressed digital audio format developed by DTS, Inc. that supports 5.1-channel audio. This technology is used for audio on most DVD discs.

DTS-HD High Resolution Audio
DTS-HD High Resolution Audio is a compressed digital audio format developed by DTS, Inc. that supports 7.1-channel and 96 kHz/24-bit audio. DTS-HD High Resolution Audio remains fully compatible with the existing multichannel audio systems that support DTS Digital Surround. This technology is used for audio on BD (Blu-ray discs).

DTS-HD Master Audio
DTS-HD Master Audio is an advanced lossless audio format developed to offer a high-definition home theater experience with the quality of the studio master by DTS, Inc. DTS-HD Master Audio can carry up to eight channels of 96 kHz/24-bit audio (up to six channels of 192 kHz/24-bit audio) simultaneously. This technology is used for audio on BD (Blu-ray discs).

DTS:X
DTS:X is the next generation object-based, multi-dimensional audio technology from DTS. Unbound from channels, DTS:X conveys the fluid movement of sound to create an incredibly rich, realistic and immersive soundscape - in front of, behind, beside and above the audience - more accurately than ever before. DTS:X offers the ability to automatically adapt the audio to the speaker layout that best fits the space, from a television's built-in speakers to a home surround theater system to a dozen or more speakers in a commercial cinema. Immerse yourself at www.dts.com/dtsx

Neural:X
Neural:X is the latest downmixing/upmixing and spatial remapping technology from DTS. It is built in to DTS:X to provide upmix of Neural:X-encoded and non-encoded (PCM) data. In DTS:X for Soundbars, Neural:X can produce up to 11.x channels.

PCM (Pulse Code Modulation)
PCM is a signal format under which an analog audio signal is digitized, recorded, and transmitted. This technology is the basis of all other audio format. This technology is used as a lossless audio format called Linear PCM for audio on a variety of media, including CDs and BD (Blu-ray discs).

WAV (Waveform Audio)
Waveform Audio File Format (WAVE, or more commonly known as WAV due to its filename extension) (rarely, Audio for Windows) is a Microsoft and IBM audio file format standard for storing an audio bitstream on PCs.

MP3
One of the compressed digital audio format used by MPEG. With psychoacoustic technologies, this compression method achieves a high compression rate. Reportedly, it is capable of compressing data quantity by about 1/10 maintaining a certain level of audio quality.

Lip sync
Video output sometimes lags behind audio output due to the complexity of signal processing caused by an increase in video signal capacity. Lip sync is a technique for automatically correcting the timing lag between audio and video output.

HDMI INFORMATION

HDMI
HDMI (High-Definition Multimedia Interface) is the world-wide standard interface for digital audio/video signal transmission. This interface transmits both digital audio and digital video signals using a single cable without any loss. HDMI complies with HDCP (High-bandwidth Digital Content Protection) and provides a secure audio/video interface. For further information on HDMI, visit the HDMI website at "http://www.hdmi.org/".

GLOSSARY

HDCP

HDCP (High-bandwidth Digital Content Protection) is a digital copy protection form that prevents copying of digital contents as it travels across connections (such as HDMI).

HDMI CEC CONTROL

HDMI CEC Control allows you to operate external devices via HDMI. If you connect a TV that supports HDMI CEC control to the Soundbar with an HDMI cable, you can control the Soundbar (such as power and volume) with TV remote control operations.

Operation available from the TV's remote control:
- Standby synchronization.
- Volume control including mute.

HDMI SIGNAL
Audio Signals

Audio signal types	Audio signal formats	Compatible media
2ch Linear PCM	2ch, 32-192 kHz, 16/24 bit	CD, DVD-Video, DVD-Audio, etc.
Multi-ch Linear PCM	7ch, 32-192 kHz, 16/24 bit	DVD-Audio, Blu-ray disc, HD DVD, etc.
Bitstream (SD Audio)	Dolby Digital, DTS	DVD-Video, etc.
Bitstream (HD Audio)	Dolby Audio, Dolby Digital, DTS DIGITAL, DTS-HD High Resolution Audio, DTS-HD Master Audio, DTS: X	Blu-ray disc, HD DVD

- Refer to documentation supplied with the playback device, and set the device appropriately.
- To decode audio bitstream signals on this unit, set the input source device appropriately so that the device outputs the bitstream audio signals directly. Refer to documentation supplied with the device for details.

This Soundbar is compatible with the follow resolutions:

• VGA	• 720p/60 Hz, 50 Hz
• 480i/60 Hz	• 1080i/60 Hz, 50 Hz
• 480p/60 Hz	• 1080p/60 Hz, 50 Hz, 30 Hz, 25 Hz, 24 Hz
• 576i/50 Hz	• 4K/60 Hz, 50 Hz, 30 Hz, 25 Hz, 24 Hz
• 576p/50 Hz	

HDMI (ARC)

Audio signal types	Audio signal formats	Compatible media
2ch Linear PCM	2ch, 32-96 kHz, 16/24 bit	TV
Bitstream (5.1ch)	Dolby Digital, DTS Digital	TV

DIGITAL AUDIO SIGNAL
• OPTICAL/COAXIAL

Audio signal types	Audio signal formats	Compatible media
2ch Linear PCM	2ch, 32-96 kHz, 16/24 bit	CD, DVD-Video, DVD-Audio, etc.
Bitstream (5.1ch)	Dolby Digital, DTS Digital	DVD-Video, etc.

What is aptX™?
Qualcomm® aptX™ audio technology enhances the wireless sound quality of many of the world's finest smartphones, speakers, headphones and tablets. Previously, these devices often had a reputation for providing average quality sound via Bluetooth, but with aptX, Bluetooth-enabled products can overcome that barrier and consistently deliver higher quality audio wirelessly.

aptX is a key product differentiator in products—where the ability to have a true audiophile experience is paramount.

43

SPECIFICATIONS

SOUNDBAR DRIVERS
Left & Right, Front Effects Tweeters Left & Right
4 x 2.5" Full Range Drivers
2 x 1" High Frequency Tweeter
Center
2 x 2.5" Full Range Drivers

SURROUND LEFT & RIGHT
1 x 3" Full Range Drivers (Each side)
1 x 1" High Frequency Tweeter (Each side)

SURROUND BACK LEFT & RIGHT
1 x 3" Full Range Drivers (Each side)
1 x 1" High Frequency Tweeter (Each side)

WIRELESS LEFT & RIGHT SUBWOOFERS
2 x 10" Down Firing Drivers

PERFORMANCE
Channels: 9.2
Sound Pressure Level SPL: 110 dB
RMS Power: 250 W
Frequency Response: 30Hz – 22 kHz
Peak Powering Handling: 1000 W

REMOTE CONTROL
52 Keypads, Backlit LED
6 EQ Modes – Movie, Music, Sports, News, Game, Clear Voice.

CONNECTIVITY
HDMI Out (ARC to TV) x 1 [HDCP 2.2]
HDMI Input x 3 (4K HDR Pass Thru) [HDCP 2.2]
OPTICAL Input x 1
COAXIAL Input x 1
Analog AUX Audio Input x 1
BLUETOOTH 4.1, aptX
USB x 1

AUDIO PROCESSING
Dolby Audio
DTS Digital
DTS-HD High Resolution Audio
DTS-HD Master Audio
DTS: X

DIMENSIONS, WEIGHT & POWER
Soundbar: 45.5 x 3.3 x 3.0 Inch, 7.27 lb.
Subwoofer: 13.5 x 12 x 20.5 Inch, 23.4 lbs. (Each)
Satellite: 9.5 x 6 x 8 Inch, 5.7 lbs. (Each)
RMS Power Output:
90 W (Soundbar)
15W x 2 (Surround Left & Right)
15W x 2 (Surround Back Left & Right)
50W x 2 (Subwoofer)
Voltage
Soundbar: 100 – 240V, 50/60 Hz
Subwoofer: 110 - 240V, 50/60 Hz

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, whick 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 deviceis designed and manufactured not to exceed the emission limits for exposure to radiofrequency (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.

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.

For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS in combination with the Symbol, DTS:X, and the DTSX logo are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Nakamichi LLC is under license.Other trademarks and trade names are those of their respective owners.

Qualcomm aptX is a product of Qualcomm Technologies International, Ltd. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries, used with permission. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries, used with permission.

STOP
PLEASE DO NOT
RETURN THIS UNIT

Talk to a SHOCKWAFE sound bar specialist
support@nakamichi-usa.com
For web support, please visit:
www.nakamichi-usa.com/faq
Phone Support: **(415) 805 6913** (Mon - Fri 10am -7pm PST)

24HRS OR LESS
RESPONSE TIME
GUARANTEED