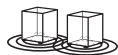




SHOCKWAVE **ULTRA 9.2** USER GUIDE



DOLBY AUDIO™



Dual Wireless Subwoofers



Quad-U-Flex 3S Speakers



Surround Effects Tweeter



**Qualcomm™
aptX™**



STOP
PLEASE DO NOT
RETURN THIS UNIT

Talk to a SHOCKWAVE soundbar specialist
support@nakamichi-usa.com

Our one-stop support solution:

www.nakamichi-usa.com/faq

Phone Support: **(415) 805 6913**

(Weekdays 10am - 7pm PST; Weekends 10am - 5pm PST)

STOP
PLEASE DO NOT
RETURN THIS UNIT

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.



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.

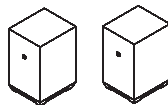
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PACKAGE CONTENTS



1 x SHOCKWAFE ULTRA 9.2
Soundbar



2 x Wireless
Subwoofers



4 x Satellite
Speakers



1 x Remote Control
with Batteries



2 x Subwoofer Power Cables
1 x Soundbar Power Cable
(Length: 5 ft.)



4 x Satellite Speaker Audio Cables
(Length 32.8 ft.)



HDMI Cable
(Length: 5 ft.)



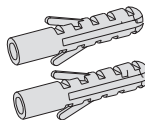
Digital Optical Cable
(Length: 5 ft.)



3.5mm Audio Cable
(Length: 4 ft.)



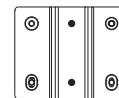
20 x Wall Screws



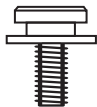
20 x Screw Brackets



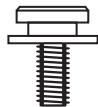
Soundbar Power Adapter
(Length: 5 feet)



2 x Satellite
Speaker (Dipole)
Mounting Brackets



2 x Mounting Screws
(Soundbar)



8 x Mounting Screws
(Satellite Speakers)

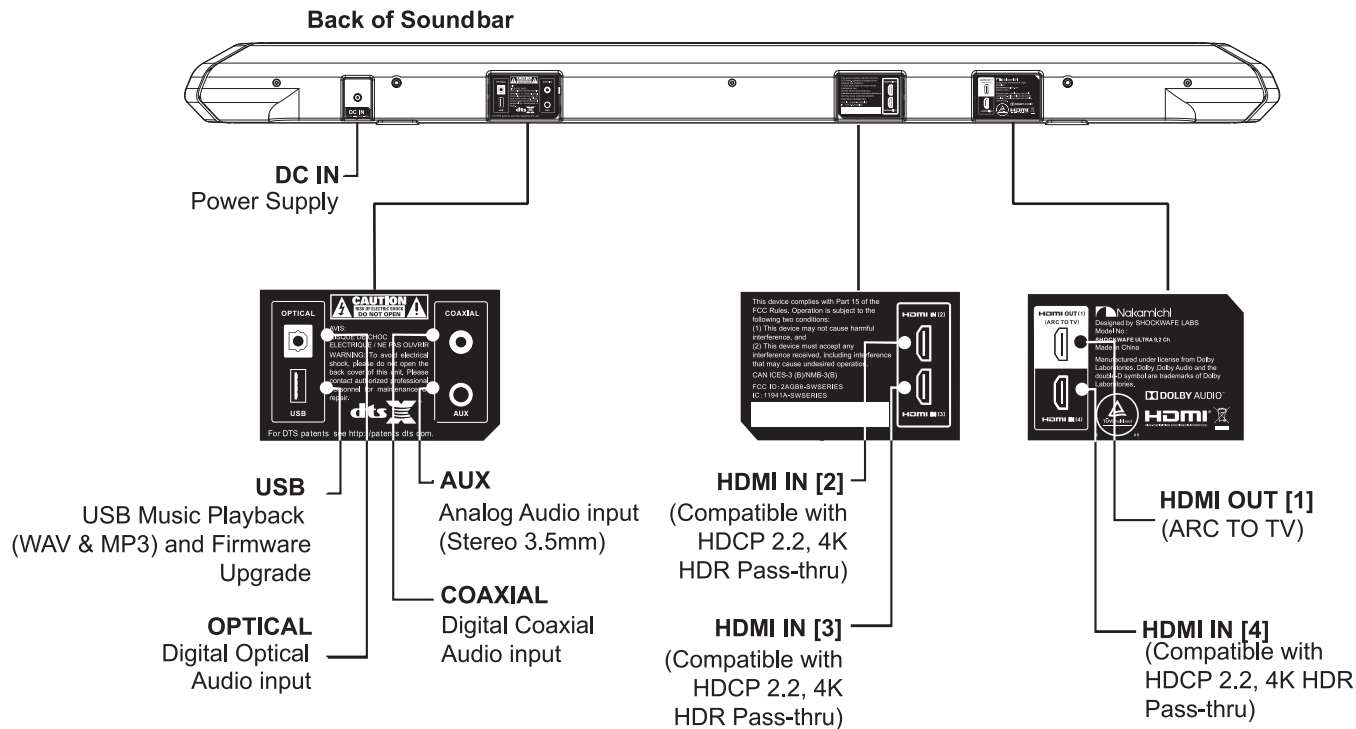


10 x Soundbar
and Satellite
Wall Mount Brackets



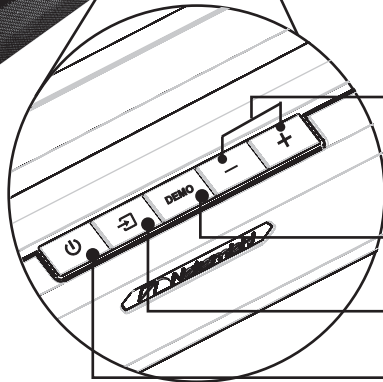
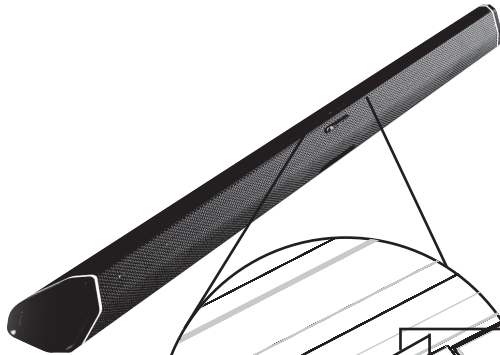
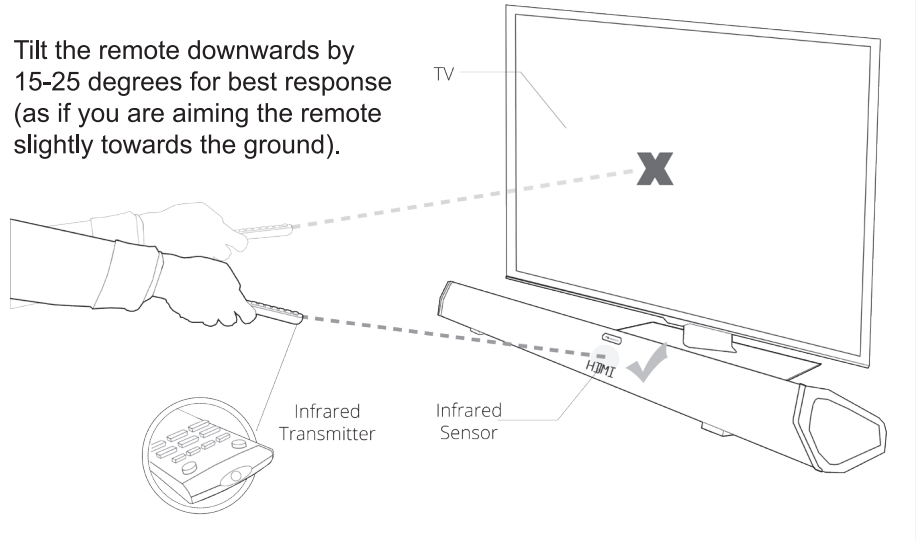
Mounting Guide

CONTROLS & CONNECTIONS



REMOTE ANGLE

Tilt the remote downwards by 15-25 degrees for best response (as if you are aiming the remote slightly towards the ground).



Volume

Press to increase or decrease the volume.

Demo

Press to play NAKAMICHI audio test tone on each channel.

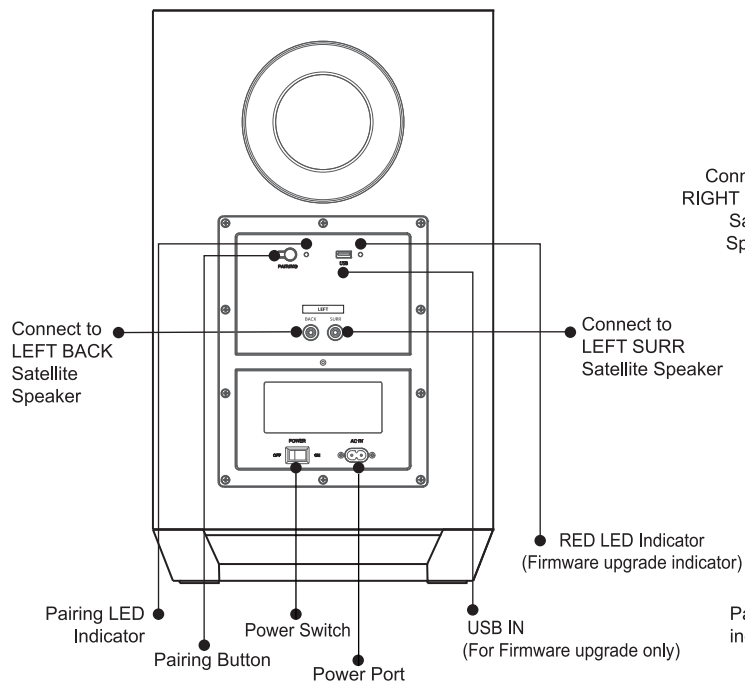
Input

Press to change the audio source.

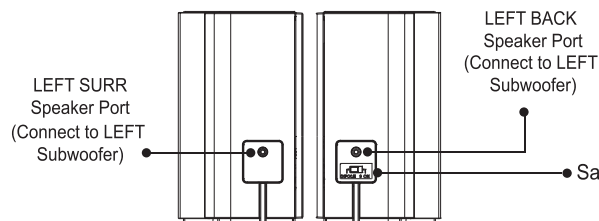
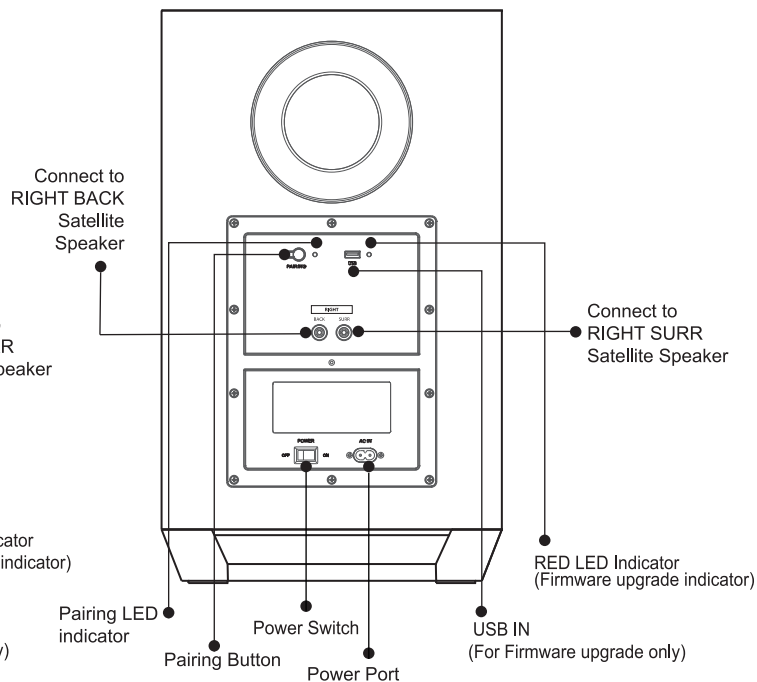
Power

Press to turn ON Soundbar or go to STANDBY mode.

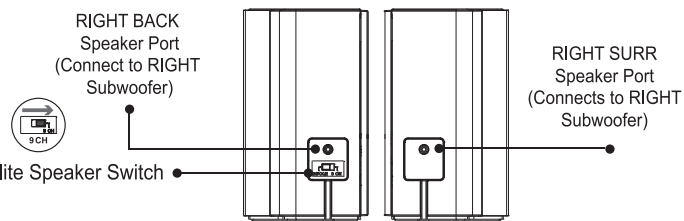
Back of LEFT Subwoofer



Back of RIGHT Subwoofer



Back of LEFT Satellite Speakers

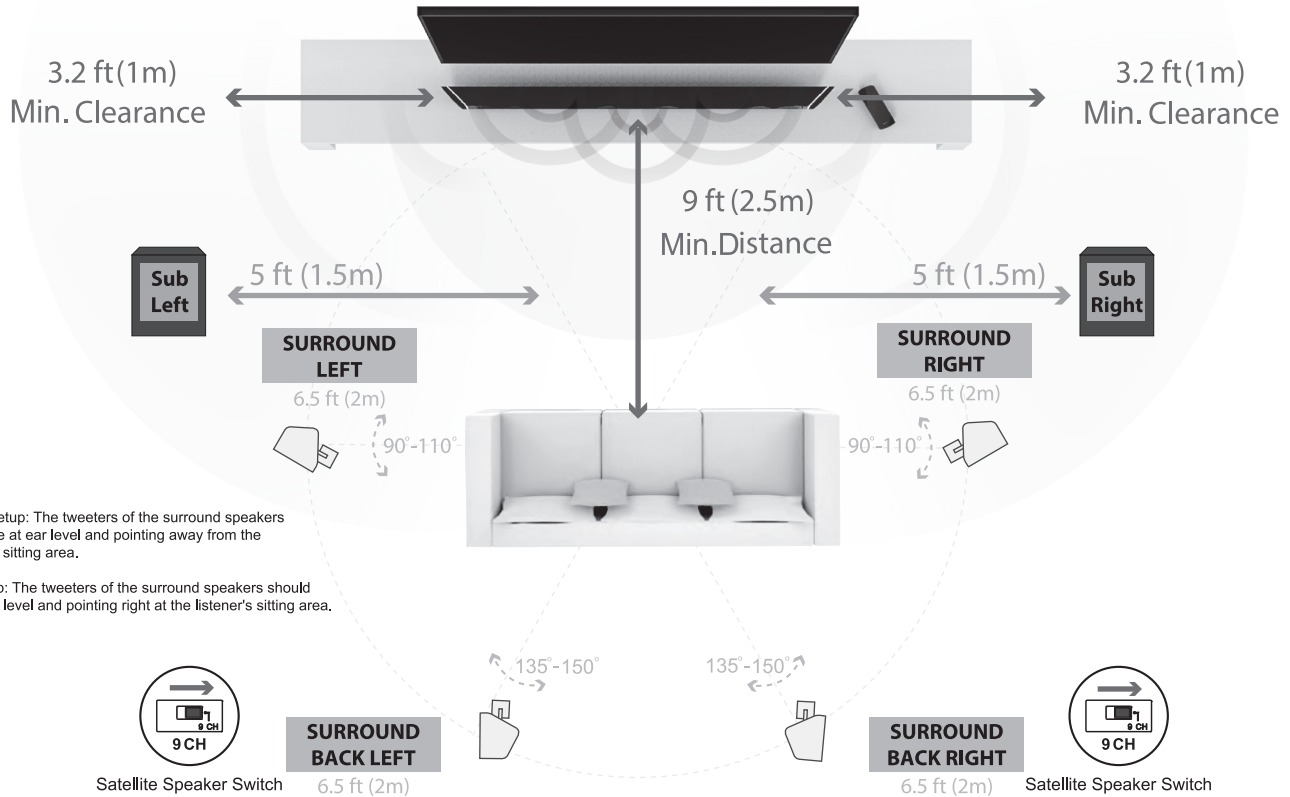


Back of Right Satellite Speakers

1 SETTING UP THE SHOCKWAVE ULTRA 9.2 SYSTEM

OPTION A: BEST SURROUND SATELLITE SPEAKERS DETACHED

Recommended speaker placement with optimal distance. Actual distance can vary based on actual room layout.

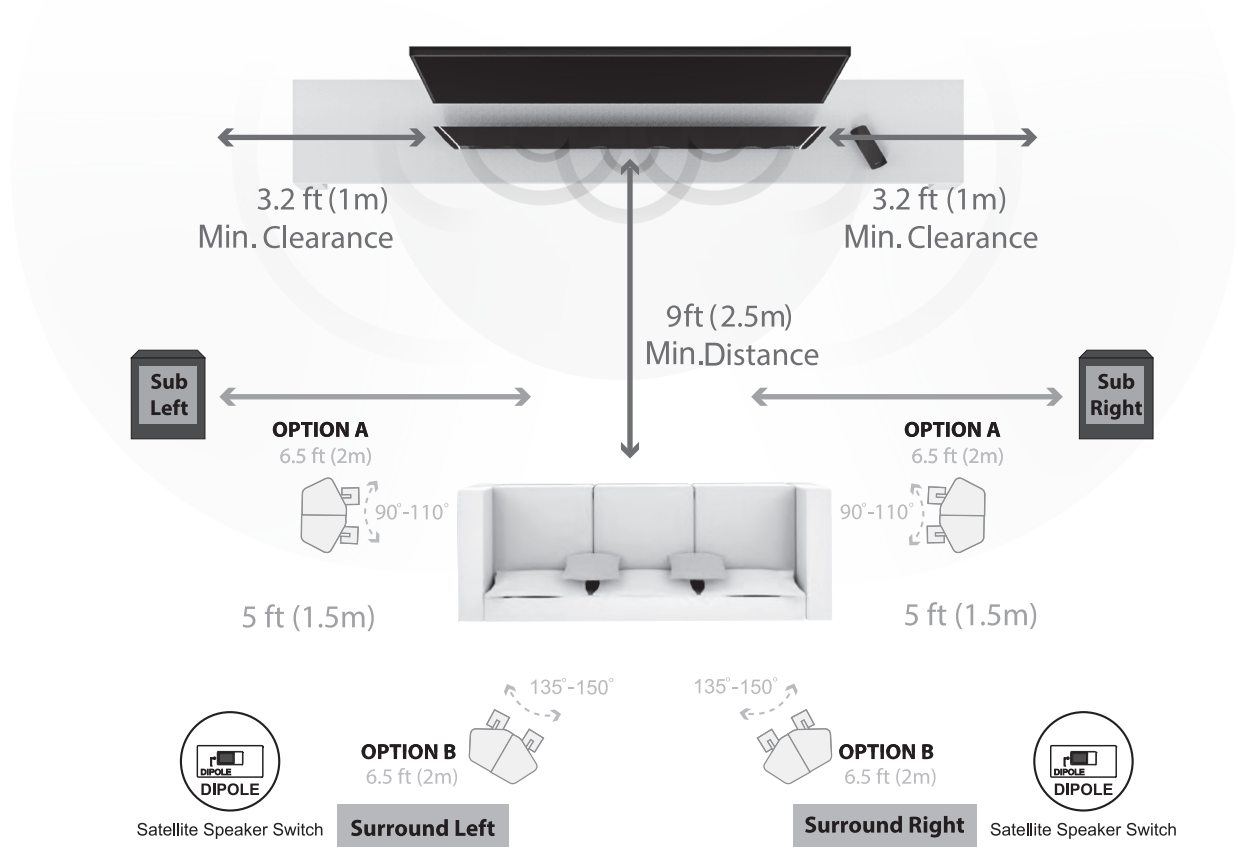


Tips:

1. Dipole Setup: The tweeters of the surround speakers should be at ear level and pointing away from the listener's sitting area.
3. 9.2 Setup: The tweeters of the surround speakers should be at ear level and pointing right at the listener's sitting area.

Note: Illustration is not to scale, Speaker stands not included.
Toggle the satellite speaker switch to 9 CH mode.

B: BETTER SURROUND SATELLITE SPEAKERS ATTACHED



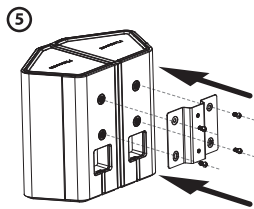
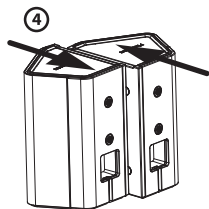
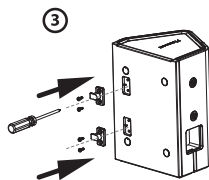
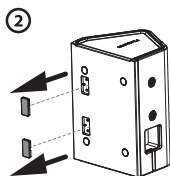
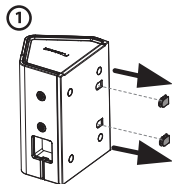
**Note: Illustration is not to scale, Speaker stands not included.
Toggle the satellite speaker switch to DIPOLE mode.**

OPTIONAL

Attaching the speakers for dipole setup

LEFT SPEAKER

Remove the rubber stoppers from the slots.



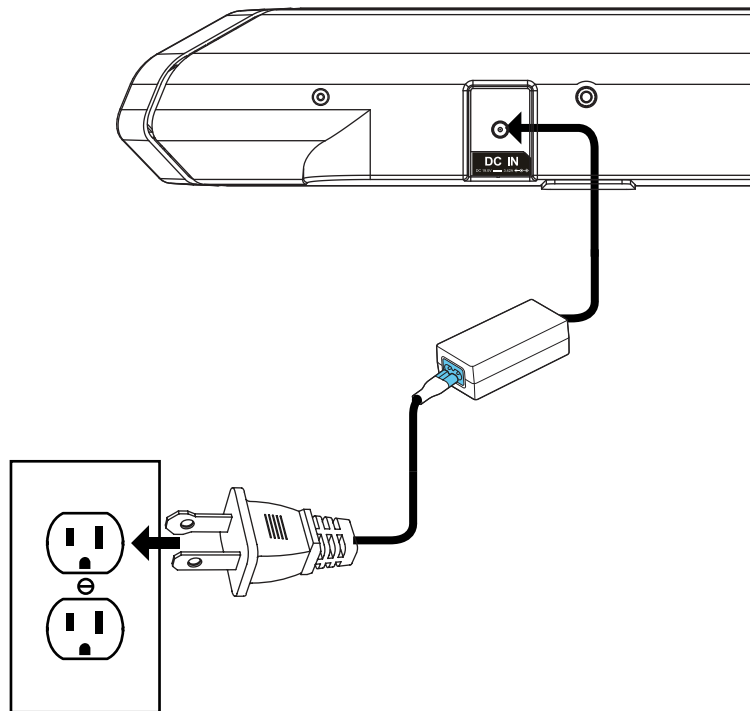
6

Flip the switch at the back of the rear speakers from **9 CH** to **DIPOLE**.



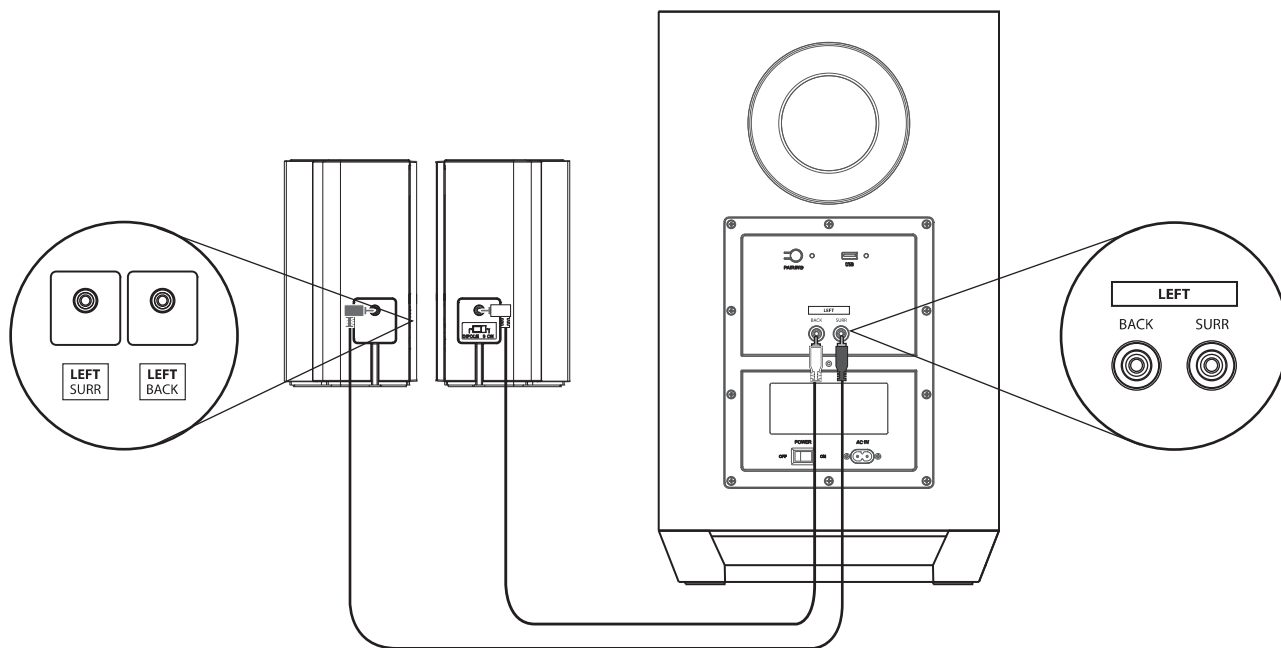
- 2** Plug in power adapter to the soundbar and connect power cable to electrical outlet.

Back of Soundbar



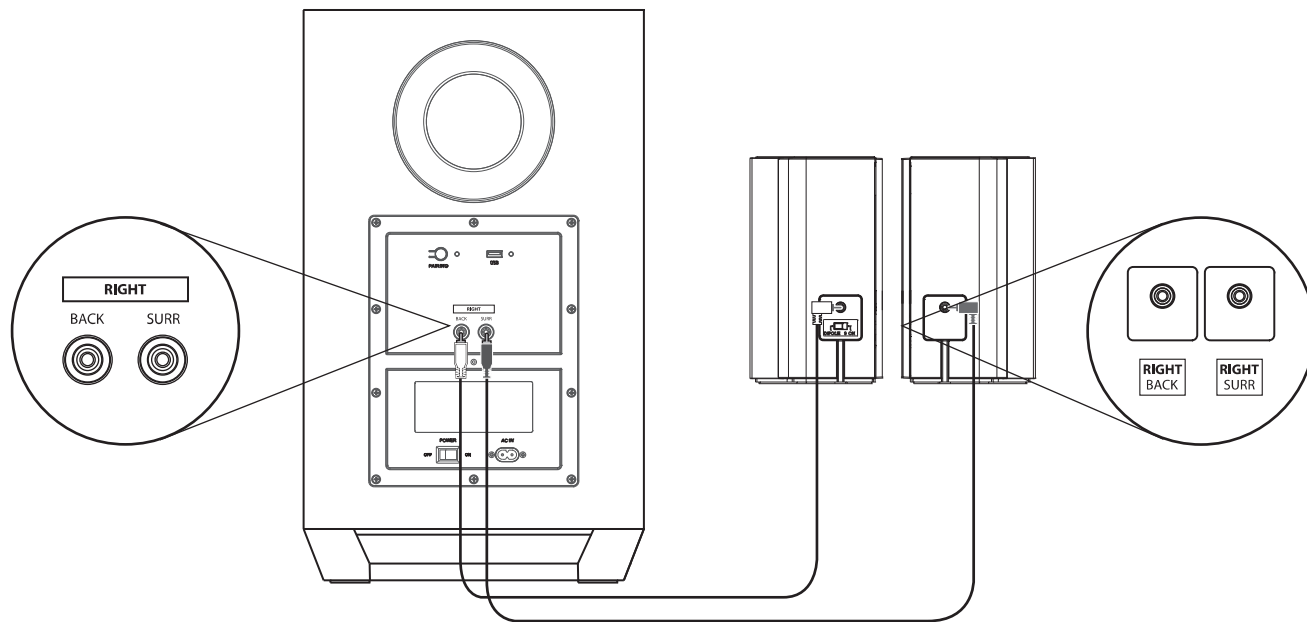
- 3** Connect the SURROUND LEFT AND SURROUND BACK LEFT to the LEFT subwoofer using the included satellite speaker audio cables.

LEFT SUBWOOFER

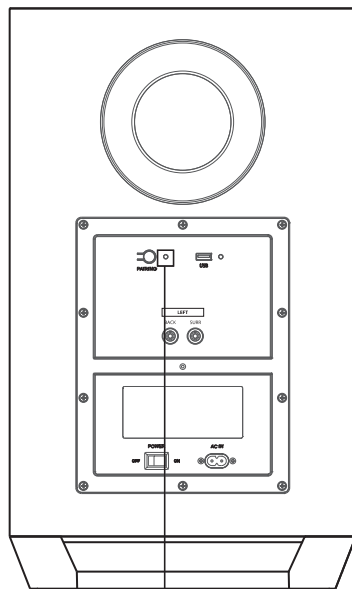


- 4** Connect the SURROUND RIGHT AND SURROUND BACK RIGHT to the RIGHT subwoofer using the included satellite speaker audio cables.

RIGHT SUBWOOFER

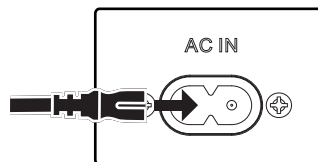


For LEFT & RIGHT Subwoofers



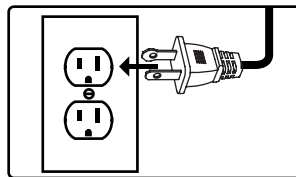
Blue LED Indicator

5



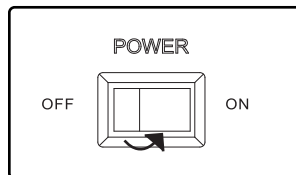
Connect a power cable to the subwoofer.

6



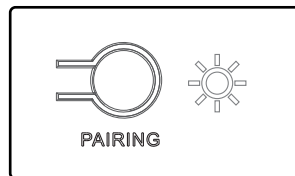
Plug the power cable into a power outlet.

7



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

8

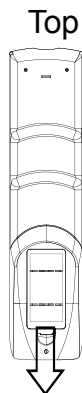


Blinking Blue Light: subwoofer is in pairing mode.

Blue Light Stays On: subwoofer successfully paired.

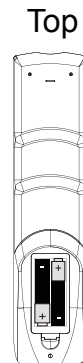
Note: If the Blue LED light stays blinking, press and hold pairing button until Blue LED light start blinking fast to establish wireless connection to the subwoofer.

9



Remove the battery cover by pulling it down from the remote.

10

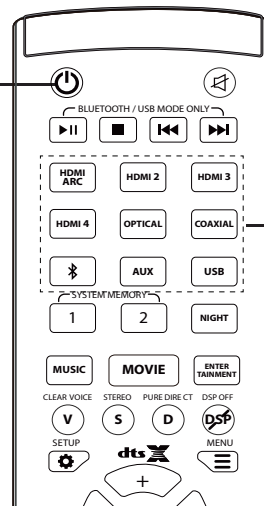


Insert the included batteries and gently push the battery cover back into place.

11

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

Power



Source

SETTING YOUR TV

What is HDMI Audio Return Channel (ARC)?

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

You will need to connect your soundbar to you TV's HDMI ARC port using a high speed HDMI 2.0 cable.

Audio settings for TV*

Setting the audio output:

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

Setting the audio format:

- A) Go to Settings > Sound > Additional Settings
- B) Select Audio Format
- C) Set as Dolby Digital / DTS / Bitstream
(whichever is available)

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 soundbar and TV is connected via a HDMI cable through the ARC ports.

By doing so, you are able to control the soundbar'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 soundbar with the TV.

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

* 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

Options for connecting your TV: HDMI

BEST

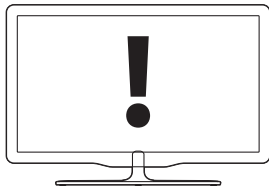
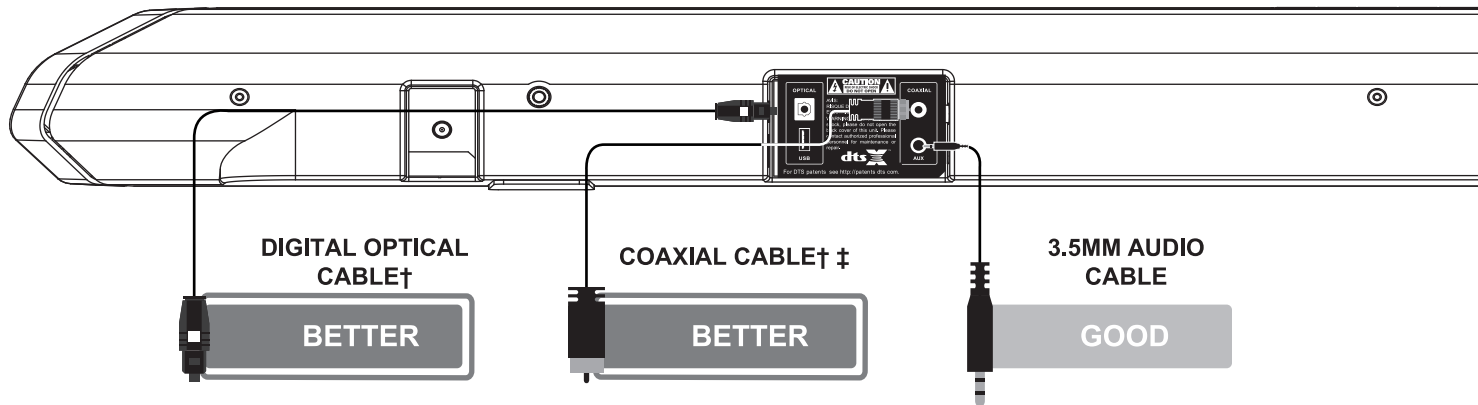
(See Next Page), OPTICAL

BETTER

, COAXIAL

BETTER

Back of Soundbar

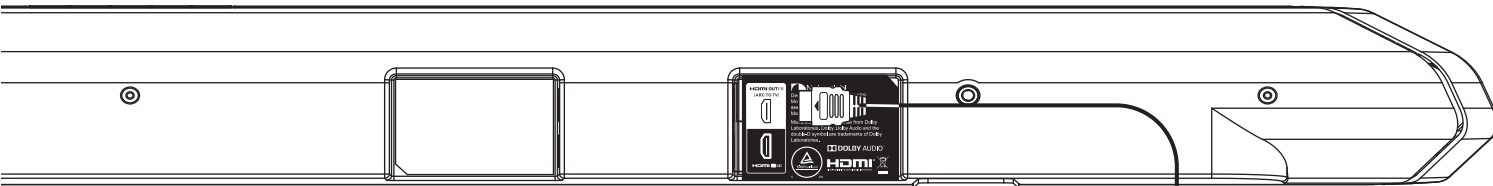


Note: Be sure to connect to an audio output port on TV, not an audio input port.

- * Not all TVs have the audio outputs shown above. To connect the soundbar 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.

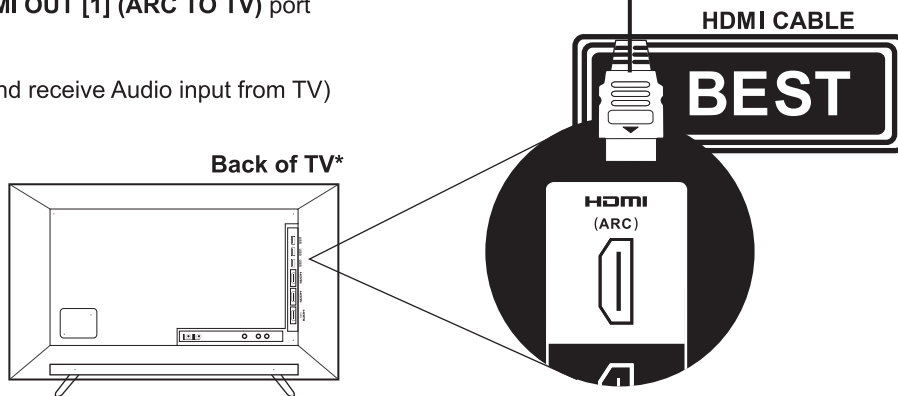
† If there is no audio during the setup, see page 40 for Help & Troubleshooting

‡ Cable not included



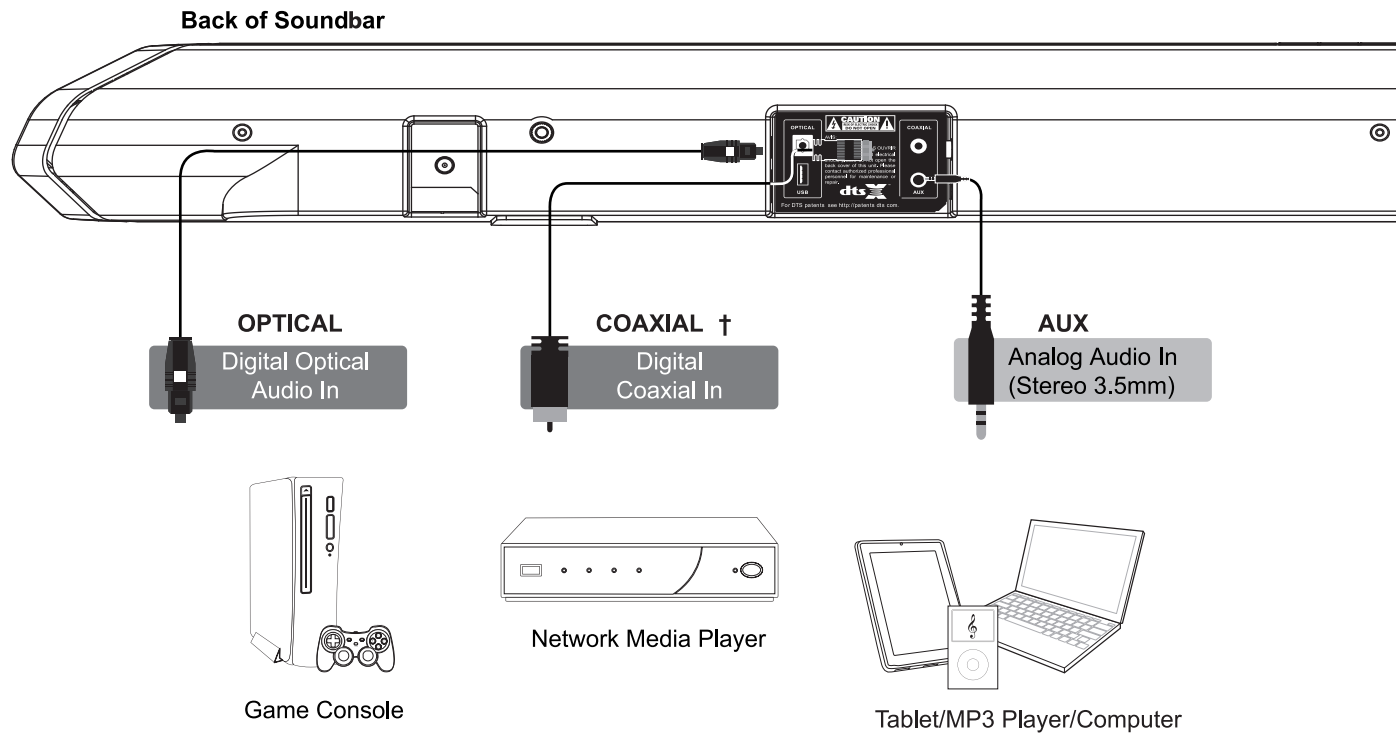
1. Connect one end of the HDMI cable to the **HDMI (ARC)** port at the back of your TV.
2. Connect the other end to the **HDMI OUT [1] (ARC TO TV)** port on your Nakamichi soundbar.

(HDMI cable send video output and receive Audio input from TV)



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

ADVANCED SETUP - NON HDMI

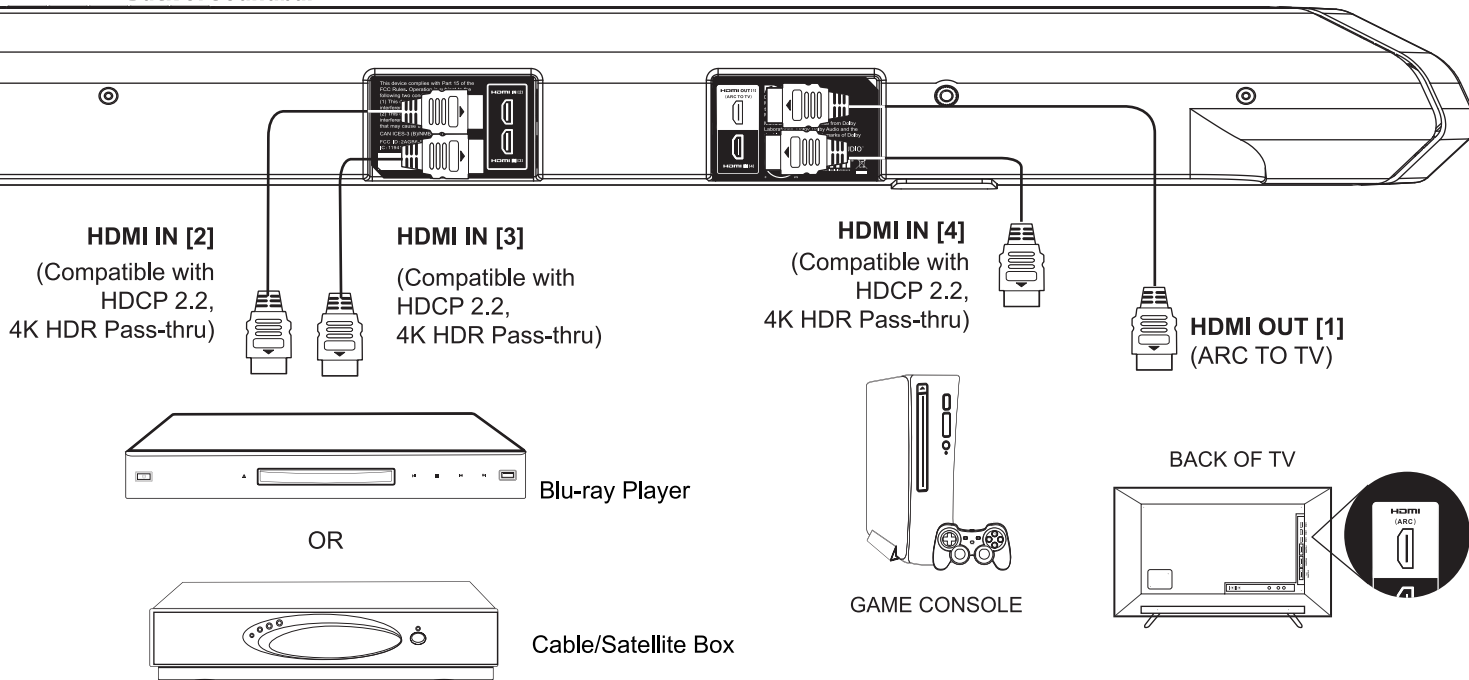


† Cable not included

ADVANCED SETUP - HDMI

HDMI cables transmit both audio and video content. 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 which the soundbar is connected.

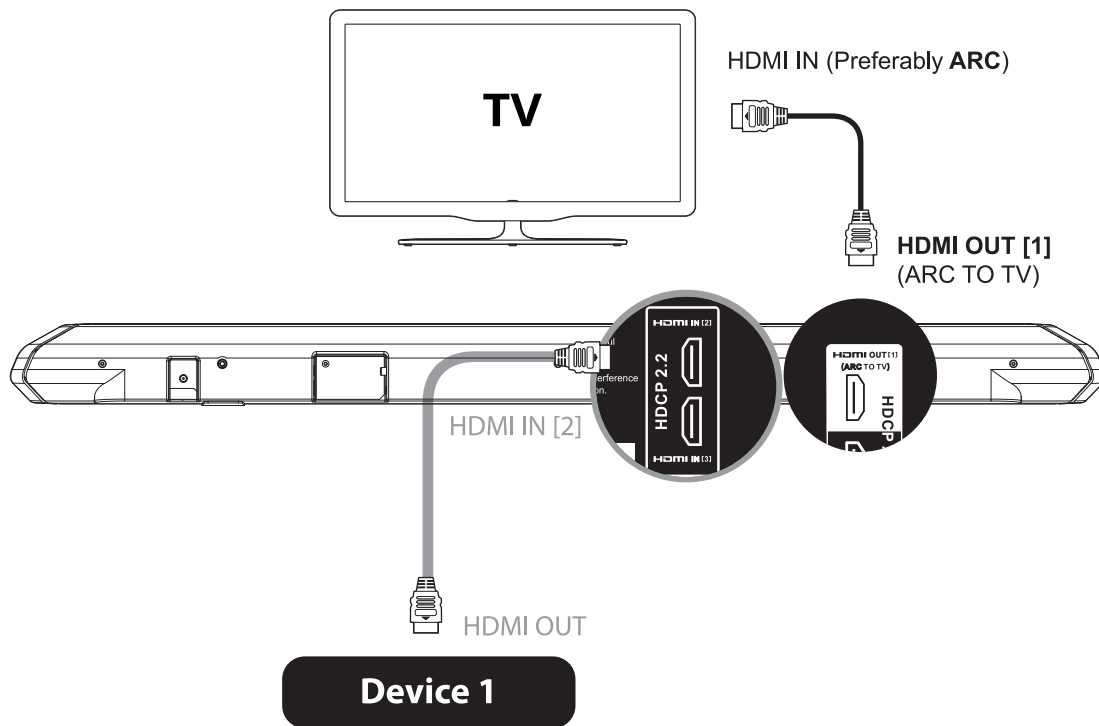
Back of Soundbar



* Cables appearance may differ from the ones supplied.

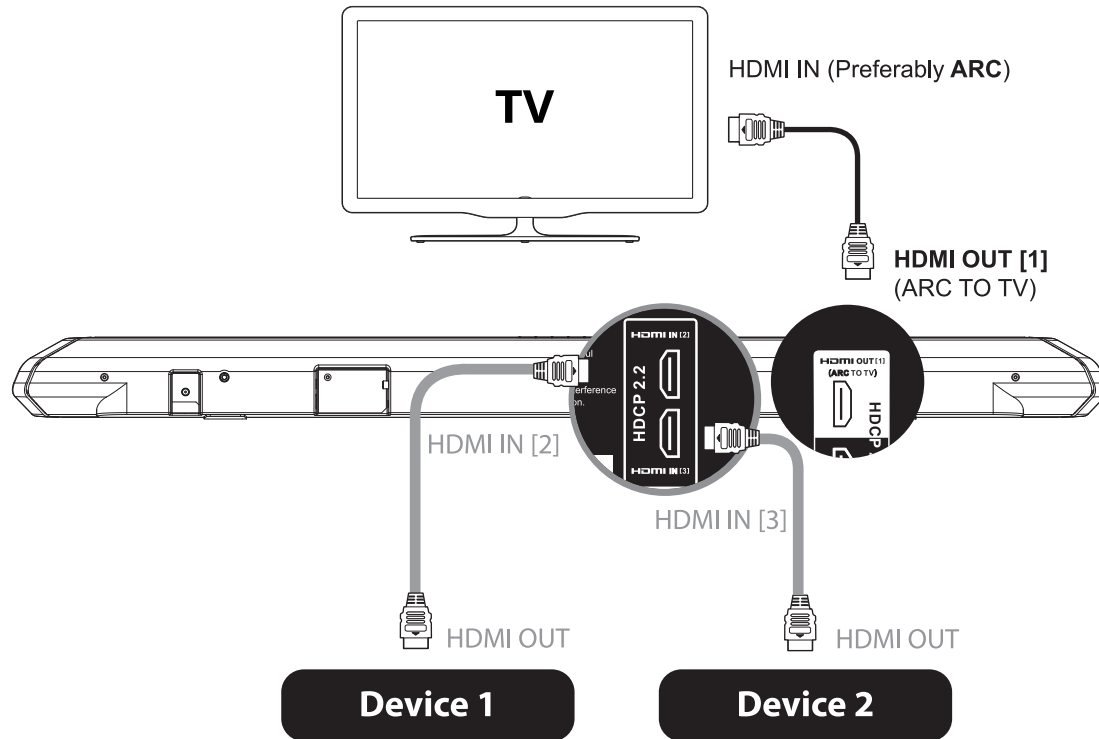
Connect devices with the same HDCP standards for seamless switching between sources. If there are devices with different HDCP standards, connect all HPCP 2.2 devices to soundbar while connecting HDCP 1.4/2.0/2.1 devices to TV to avoid audio and video instability.

One-Device Setup:



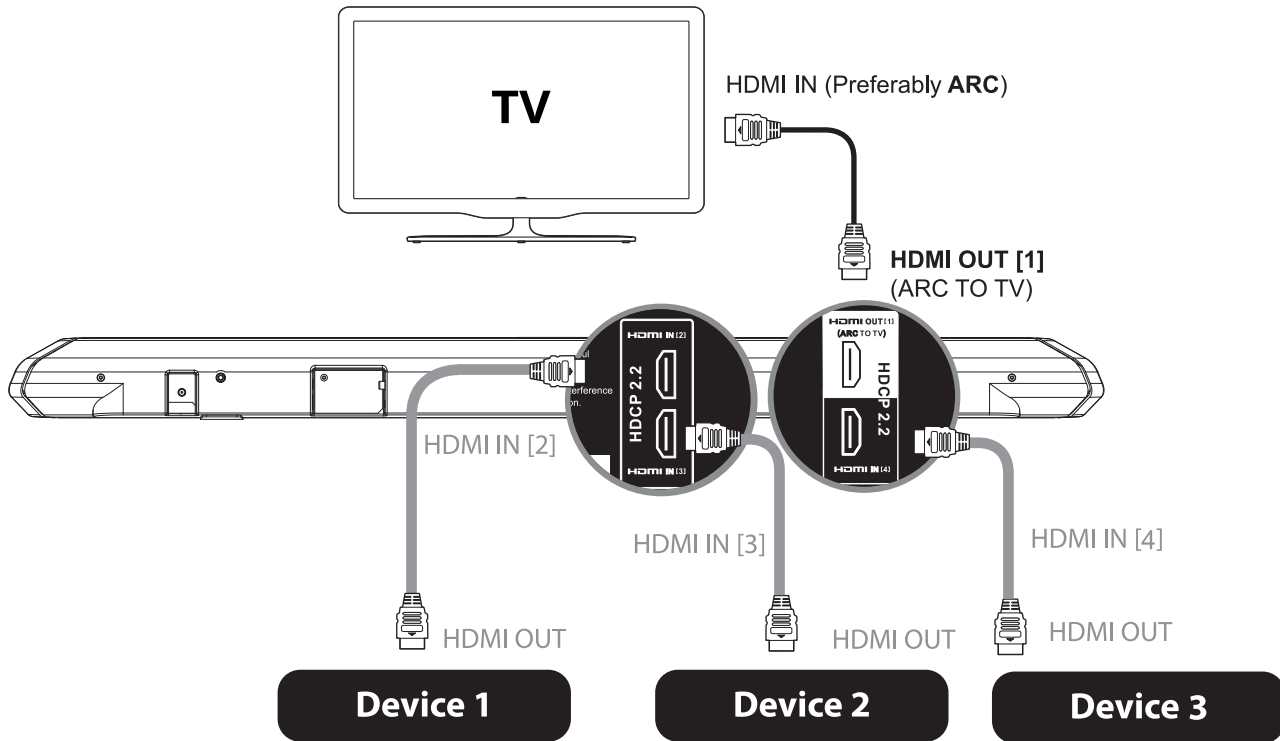
If your TV is previously connected to a sound system or soundbar, disconnect the TV AC Power cord from the wall for one minute. Plug the TV power back in and then connect the HDMI ARC to the soundbar to ensure proper HDMI handshake.

Two-Device Setup:

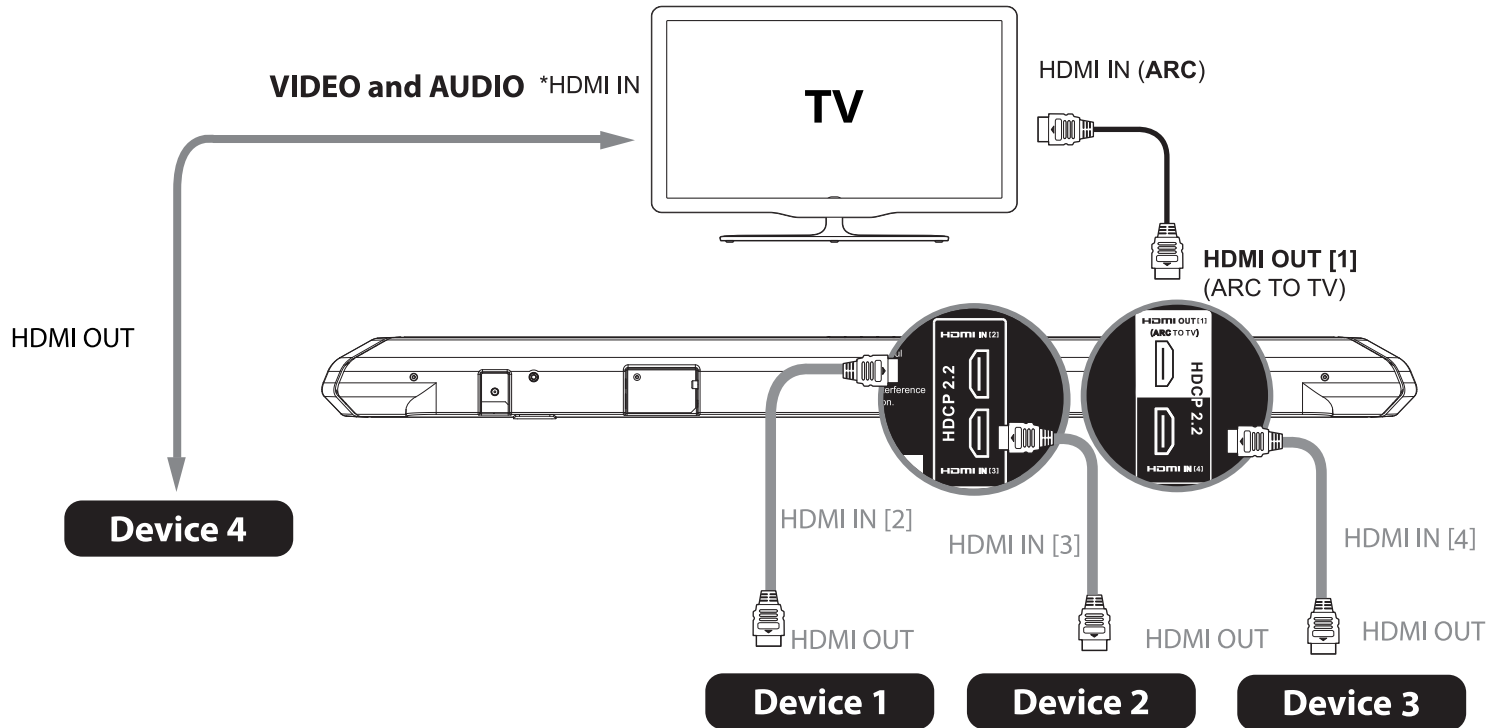


If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

Three-Device Setup:

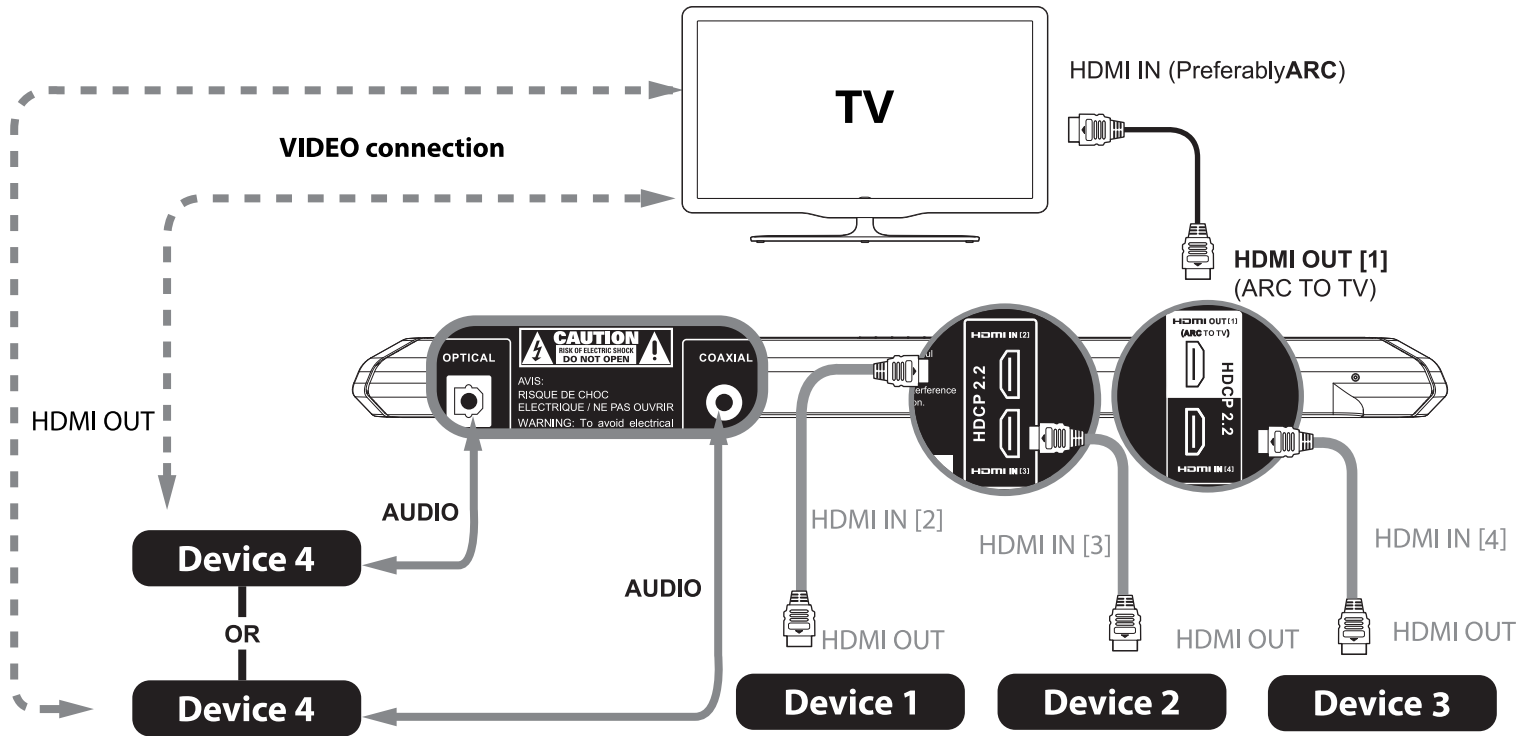


Four-Device Setup (4K TV):



If the device is not equipped with a HDMI port, use an Optical or Coaxial output.
*Switch the soundbar's source to ARC for playing device 4's audio (via TV's ARC connection)

Four-Device Setup (1080p and below TV):



AUDIO SETTINGS FOR STREAMING DEVICES

APPLE TV® 4K (5th Gen) / APPLE TV® (4th Gen)

Recommended Setup: Connect the device directly to TV via HDMI port and send out audio to soundbar via ARC

Setting Audio Output:

Settings > Video and Audio > Audio > Audio Output > select **Apple TV**

Setting Audio Format:

Settings > Video and Audio > Audio >

1. Surround Sound > select **Dolby Digital 5.1**

2. Audio Mode > select **Auto** (For Apple TV 4K only)

3. Reduced Loud Sounds > select **OFF** to disable volume normalization for best dynamic (For Apple TV 4K only)

AMAZON FIRE® TV 4K

Settings > Display & Sounds > Audio > select **Dolby Digital over HDMI**

NOTE: When plugging Fire TV 4K directly to TV, set TV audio's digital output format > select **Dolby Digital**

SAMSUNG BLU-RAY™ PLAYER

Setting Audio Output:

Settings > Sound > Sound Output > select **HDMI Audio**

Setting Audio Format:

Settings > Sound > Audio Output Format > select **Bitstream (Unprocessed)**

SONY® BLU-RAY™ PLAYER

Setting Audio Output:

Setup > System Settings > HDMI Audio Output > select **Auto**

Setting Audio Format:

Setup > Audio Settings >

1. Digital Audio Output > select **Auto**

2. DSD Output Mode > select **Off**

3. BD Audio MIX Setting > select **Off**

4. DTS Neo:6 > select **Off**

5. DSEE HX > select **Off**

6. Downmix > select **Surround**

ROKU™ ULTRA 4K / ROKU™ 4 / ROKU™ 3

Recommended Setup: Connect the device directly to TV via HDMI port and send out audio to soundbar via ARC

Setting Audio Format:

1. Roku Audio Settings:

Roku Ultra 4K: Settings > Sound > HDMI > select **Dolby D+, DTS** (Required for Netflix, Amazon and Hulu streaming)

Roku 4 and 3: Settings > Audio > Audio Mode > select **DD/DTS**

2. TV Audio Settings: Digital Output Format > select **Dolby Digital**

NVIDIA® SHIELD

Recommended Setup: Connect the device directly to TV via HDMI port and send out audio to soundbar via ARC

Setting Audio Format:

1. Nvidia Shield Audio Settings: Settings > Display & Sound > Other >

Advanced Settings >

a. Stereo Upmix > turn **On** (For 2015 model only)

b. HDMI 5.1 Audio > turn **On** (For 2017 model only)

2. TV Audio Settings:

a. Select **DTS Neo 2:5** (For 2015 model that streams PCM audio only)

b. Select **Dolby Digital** (For 2017 model only, recommended settings for Netflix content)

CHROMECAST® ULTRA / CHROMECAST® 2nd Gen

Recommended Setup: Connect the device directly to TV via HDMI port and send out audio to soundbar via ARC

Setting Audio Format:

Note: Google/Chromecast interface does not have audio settings. The audio format can be configured on TV's audio settings only:

1. Play the streaming contents

2. Ensure the audio output is set to **Receiver HDMI** on the TV

3. On the TV, set Digital Output Audio Format >

a. select **DTS Neo 2:5** (Youtube default streaming: PCM)

b. select **Dolby Digital** (Netflix default streaming: Dolby Digital)

PLAYSTATION® 4 PRO

Setting Audio Output:

Settings > Sound and Screen > Audio Output Settings > Primary Output Port > select **HDMI Out** (Don't select Output 5.1ch Audio to allow 7.1ch Audio output)

Setting Audio Format:

1. System Level Audio Settings:

Settings > Sound and Screen > Audio Output Settings > Audio Format (Priority) > select **Bitstream (DTS)** or **Dolby Digital** (Best for Netflix streaming)

2. Blu-ray Player Audio Settings:

Press Option button on controller > Settings > audio format > select **Bitstream (Direct)**

XBOX® ONE X

Setting Audio Format:

1. System Level Audio Settings:

System > Settings > Display & Sound > Audio Output >

Speaker Audio >

a. HDMI Audio > select **Bitstream Out**

b. Bitstream Format > select **DTS Digital Surround** or **Dolby Digital** (Best for Netflix streaming)

2. Blu-ray Playback Audio Settings:

Settings > Disc & Blu-ray > Blu-ray >

a. Let my receiver decode audio > **Enable** (Check the box)

b. Pass Blu-ray audio directly to your receiver? > select **Pass audio to receiver**

XBOX® ONE S

Setting Audio Output:

Settings > Display & Sound > Audio Output > Digital Audio > select

HDMI Audio

Setting Audio Format:

1. System Level Audio Settings:

a. Set HDMI Audio Options to **Bitstream Out**

b. Set Bitstream format to **DTS Digital Surround**

2. Blu-ray Playback Audio Settings: Settings > Disc & Blu-ray >

Blu-ray > Let my receiver decode audio > **Enable** (Check the box)

NINTENDO® Wii

Recommended Setup: HDMI Connection Recommended

1. Launch System Settings

2. Select TV Audio Output Type

3. Select Output Cable Settings > Select **Both**

4. Select **Surround Mode**

DISH® Satellite TV Box

1. Launch System Settings

2. Set Decoder to **Dolby Digital**

3. Set Mode to **Line**

4. Select **Done**

Xfinity®

A) Go to **Setting**

B) Select **Audio Codec**

C) Select **HDMI** or **Optical**

D) Set Audio Range to **Normal**

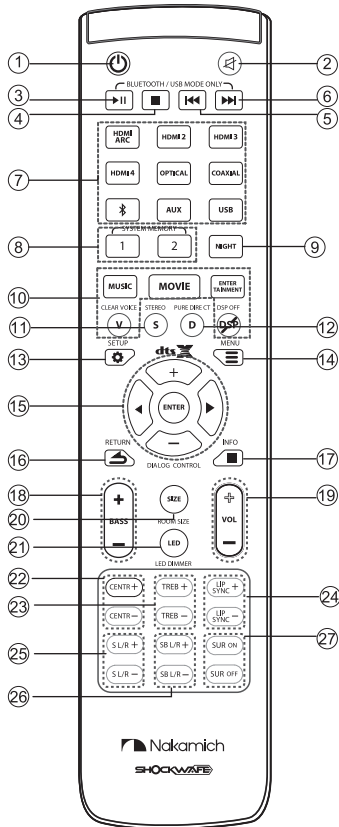
E) Set Audio Output to **Fixed**

Above is the recommended audio settings for a list of devices.

Visit nakamichi-usa.com/best-sound for full list of devices.

If your devices are not listed on our website, contact us at: support@nakamichi-usa.com

USING THE REMOTE



- ① **Power** Turn ON/OFF the soundbar
- ② **Mute** Mute/unmute the soundbar
- ③ **Play/ Pause** Play/pause audio playback (Bluetooth/USB mode only)
- ④ **Stop** Stop audio playback (Bluetooth/USB mode only)
- ⑤ **Previous** Return to the previous track (Bluetooth/USB mode only)
- ⑥ **Next** Skip to the next track (Bluetooth/USB mode only)
- ⑦ **Input Source** Select an audio input source
- ⑧ **System Memory** Save your personalized audio settings (See Page 32 for more information)
- ⑨ **Night Mode** Normalize volume for night time listening (Dolby/DTS:X audio only)
- ⑩ **EQs** Select an audio equalizer: MUSIC, MOVIE, ENTERTAINMENT (SPORTS, NEWS, GAME), CLEAR VOICE and DSP OFF
- ⑪ **STEREO** Activate 2ch stereo playback
- ⑫ **PURE DIRECT** Select a channel mapping/upmixing method (See Page 31 for more information)
- ⑬ **Setup** Access to advanced system settings (HDMI ARC mode only, see Page 28 for more information)
- ⑭ **Menu** Access to: Firmware upgrade and wireless subwoofer pairing (USB mode only)

- ⑮ **Navigation Buttons**
+/- buttons: DTS:X Dialog control to adjust dialog level (DTS:X encoded material only)
◀/▶, ENTER buttons: Change the settings in SETUP and MENU functions
- ⑯ **Return** Return to the previous selection (SETUP / MENU function only)
- ⑰ **Info** Show the system information on the LED display (See Page 30 for more information)
- ⑱ **Bass +/-** Adjust the dual subwoofers' level
- ⑲ **Vol +/-** Adjust the volume of the soundbar
- ⑳ **Room Size** Select a pre-defined optimized room size (Small, Medium and Large) .
- ㉑ **LED Dimmer** Select between 3 predefined brightness for the front LED Display
- ㉒ **Center +/-** Adjust the center channel level
- ㉓ **Treble +/-** Adjust the high tones (treble) level
- ㉔ **Lip Sync +/-** Adjust the deviations in timing between audio and video playback (HDMI 1 to 4, Optical or Coaxial input only)
- ㉕ **SURR L & R +/-** Adjust the volume of surround speakers (Left and Right)
- ㉖ **SURR Back L & R +/-** Adjust the volume of surround back speakers (Left and Right)
- ㉗ **SURR On/Off**
SURR ON: 9.2 surround sound
SURR OFF: Satellite speakers will be disabled

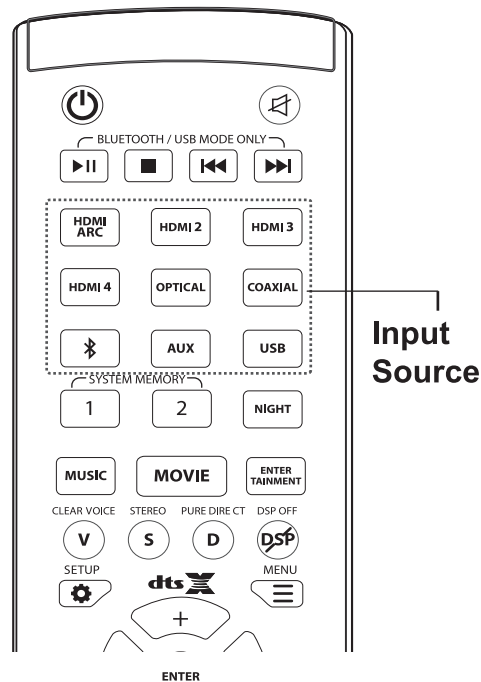
ACCESSING SOURCE ON YOUR REMOTE

Press source buttons to select an audio input source.

Each input source will be displayed on the soundbar's front LED display.

Input source:

Button	5 LED DIGITS on Soundbar
HDMI ARC	ARC
HDMI 2	HDMI2
HDMI 3	HDMI3
HDMI 4	HDMI4
OPTICAL	OPT
COAXIAL	COFAX
BLUETOOTH	BT
AUX	AUX
USB	USB

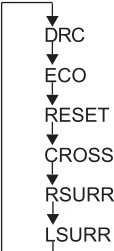


ACCESSING SETUP ON YOUR REMOTE

To use SETUP function, **switch to HDMI ARC** input.
SETUP function applies to all input sources.

Navigating the SETUP function:

1. Press the **SETUP (⚙️)** button to cycle through different system settings.



2. Press **ENTER** to select desired system setting for adjustment.

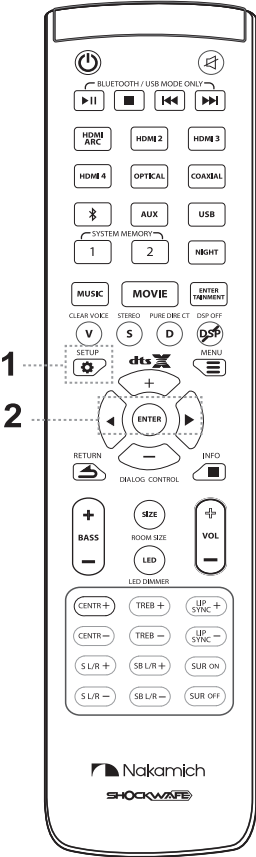
3. Available actions:

- a. Press **↔️** button to change the setting value.
- b. Press **RETURN** button to quit the current action and back to SETUP list to select different system settings.
- c. Press **SETUP** button to exit SETUP function.

4. Press **ENTER** to confirm

SETUP Function List:

Function	SELECTION	VALUE
DTS:X & DOLBY Dynamic Range Compression (DRC)	DRC (Default OFF)	100%
		50%
		OFF
Power Saving	ECO (Default ECO ON)	OFF
		ON
Factory Reset (System will restart when selecting YES)	RESET	YES
		NO
Subwoofer Crossover Frequency	CROSS (Default 180HZ)	110HZ
		140HZ
		180HZ
Volume Balance for RIGHT Surround and Rear Speakers	RSURR (Default 00)	-3 to +3
Volume Balance for LEFT Surround and Rear Speakers	LSURR (Default 00)	-3 to +3

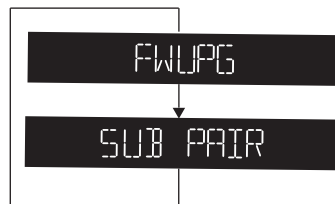


ACCESSING MENU ON YOUR REMOTE

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

Navigating the MENU selection:

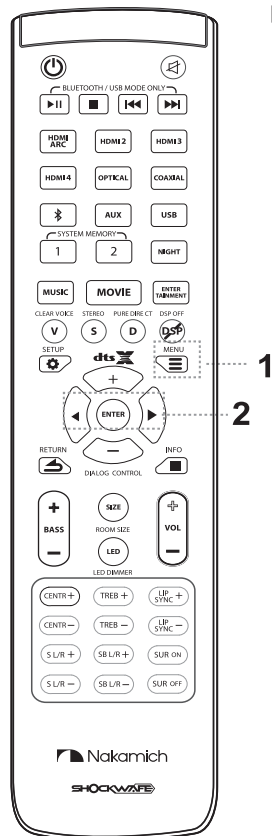
1. Press the **MENU (≡)** button cycle through different function (FWUPG -> SUB PAIR)



2. Available actions:

- Press **ENTER** to select desired function.
- Press **RETURN (↵)** button to quit the current action and back to **MENU (≡)** list to select different function
- Press **MENU (≡)** button to exit **MENU (≡)** function

3. Press **ENTER** to confirm

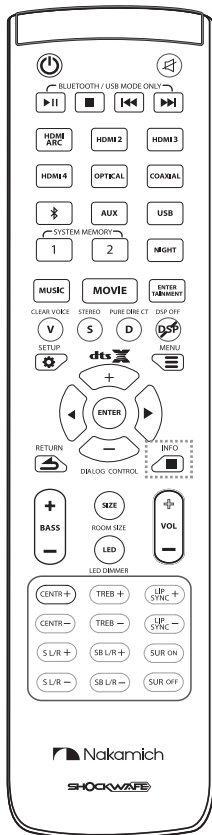


SET-UP Selection List:

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

ACCESSING INFO ON YOUR REMOTE

Press **INFO** button to view system settings on the soundbar's front LED display



1. Navigating the INFO list:

Press **INFO** button each time to change the information displayed on front LED display

Current Audio Format (DTS, DTS HD, DTS X, DOLBY D, PCM or M-CH PCM)
↓
EQ Mode (MOVIE, MUSIC, SPORTS, NEWS, GAME, CLEAR VOICE or DSP OFF)
↓
Volume (00 to 100)
↓
Bass Level (1 to 10)
↓
Center Channel Level (1 to 10)
↓
Treble Level (1 to 10)
↓
Surround Left & Right Channel Level (1 to 10)
↓
Surround Back Left & Right Channel Level (1 to 10)
↓
Surround Left Balance Level (-3 to +3)
↓
Surround Right Balance Level (-3 to +3)
↓
Channel Mapping (PURE DIRECT, NATIVE or NEURAL X)
↓
Stereo Mode (STEREO or OFF STEREO)
↓
Clear Voice (CLEAR VOICE ON or CLEAR VOICE OFF)
↓
DRC (DRC OFF, DRC 50 or DRC 100)
↓
ECO (ECO ON or ECO OFF)
↓
Crossover Frequency (180HZ, 140HZ or 110HZ)
↓
Firmware Version (FWXX, XX=firmware version in 2 digits)

ACCESSING AUDIO SETTINGS ON YOUR REMOTE

EQ

Press the EQs buttons on your remote to select the desired EQs settings for your preferences. The system will remember the last setting.

MUSIC	MUSIC	Reproduces the acoustic environment and lets you feel as if you are seated in front of the stage.
MOVIE	MOVIE	Reproduces the thrilling environment of action films and lets you feel the dynamic excitement of action scenes.
ENTERTAINMENT	SPORTS	Reproduces the energetic environment of live sports broadcasts. Places the commentator voice center stage and let the sounds that fill the stadium surround you.
	NEWS	Feel like you are in the front row of a live talk show. Audience ambiance will immerse you while the dialog is front and center.
	GAME	Reproduces sound field effects for all genres of games, delivering depth and spatial feeling to the gaming environment.
CLEAR VOICE	CLEAR VOICE	Enhances clarity of dialog playback.
DSP OFF	DSP OFF	Audio playback without using any pre-defined Nakamichi EQ settings.

MUSIC	MUSIC
MOVIE	MOVIE
SPORTS	SPRTS
NEWS	NEWS
GAME	GAME
CLEAR VOICE	CLEAR VOICE
DSP OFF	DSP OFF

NIGHT MODE

Night mode feature normalizes the overall volume loudness to avoid sudden change in loudness. This feature is available with DTS:X and DOLBY contents via HDMI, HDMI ARC, Optical and Coaxial inputs.

NIGHT	100%	100% of volume normalization, perfect for night time listening
	50%	50% of volume normalization
	OFF (default)	Volume normalization OFF

DRC 100%	DRC 100
DRC 50%	DRC 50
DRC OFF	DRC OFF

CHANNEL MAPPING

The soundbar features different channel mapping methods for different listening experience.

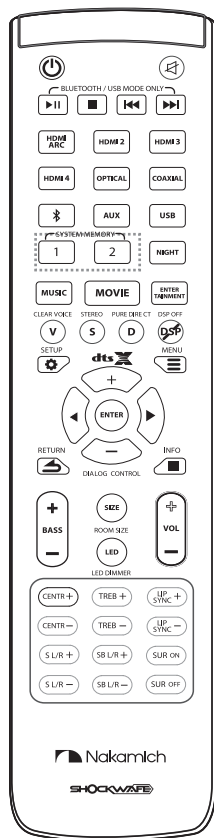
STEREO	STEREO	2-channel stereo playback using the right front and left front channels is enabled. When multi-channel audio signals are inputted, they are down-mixed to 2 channels.
PURE DIRECT	PURE DIRECT	System DSP up-mixes audio content to 9.2 channels
	NATIVE	Direct decode 2.1/5.1/7.1 channel audio (No audio upmixing)
	NEURAL:X (DEFAULT)	DTS technology upmixes audio content to 9.2 channels. Set to NEURAL:X to receive audio from all rear speakers.

STEREO	STEREO
PURE DIRECT	PURE DIRECT
NATIVE	NATIVE
NEURAL:X	NEURAL X

* For Neural:X technology, please refer to page 42.

SAVING AUDIO SETTING TO SYSTEM MEMORY

Two sets of audio settings can be saved on the soundbar's memory, for quick access to preferred audio settings for user preference.



LED Display on soundbar:

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

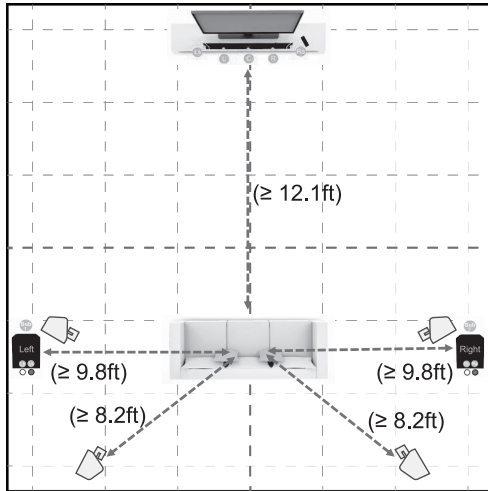
- a) EQ mode
- b) Volume
- c) Bass
- d) Treble
- e) Center
- f) Surround L&R
- g) Surround Back L&R

ACCESSING ROOM SIZE ON YOUR REMOTE

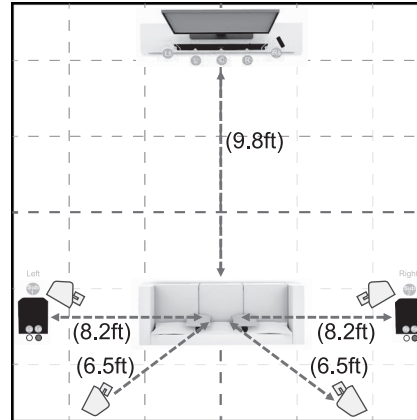
3 room configuration presets for Small, Medium and Large rooms are available for instant access to **optimized** setting for different room sizes.

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

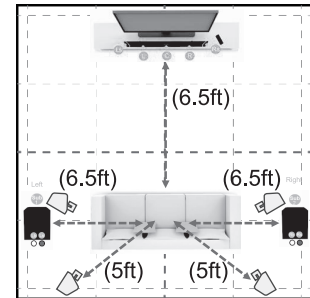
LARGE ROOM
22ft x 22ft or bigger
(484ft. sq.)



MEDIUM ROOM
18ft x 18ft
(326ft. sq.)



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



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 uses larger transmission bandwidth to allow higher resolution audio streaming, reproducing pure sound as good as wired connection.

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 soundbar.

Note: Soundbar will be switched to stereo 2 channel audio output.

In Bluetooth mode. To enable surround playback, use the remote control to set PURE DIRECT to NEURAL:X.

BLUETOOTH PAIRING

To pair the soundbar with a Bluetooth device:

1. Set your Bluetooth device into Bluetooth pairing mode (discoverable)
2. Press and hold the Bluetooth () button on the remote control until the LED display on the soundbar shows "BT" blinking.
3. You can now search for the soundbar (SHOCKWAVE) using your Bluetooth device. For more information, refer to the user documentation of your device.
4. Play audio from your Bluetooth device. Volume can be controlled on your source device or soundbar remote control.

Note: If the soundbar detects a Bluetooth device that was previously connected, the soundbar will automatically connect to the Bluetooth device after Step 2

To disconnect the soundbar with a paired Bluetooth device:

1. Press and hold down the Bluetooth () button on the remote control until the LED display on the soundbar shows "BT" blinking.
2. The soundbar is ready to pair with a new device.

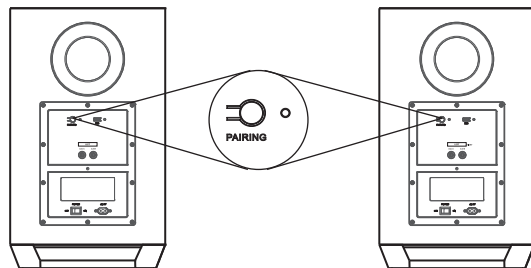
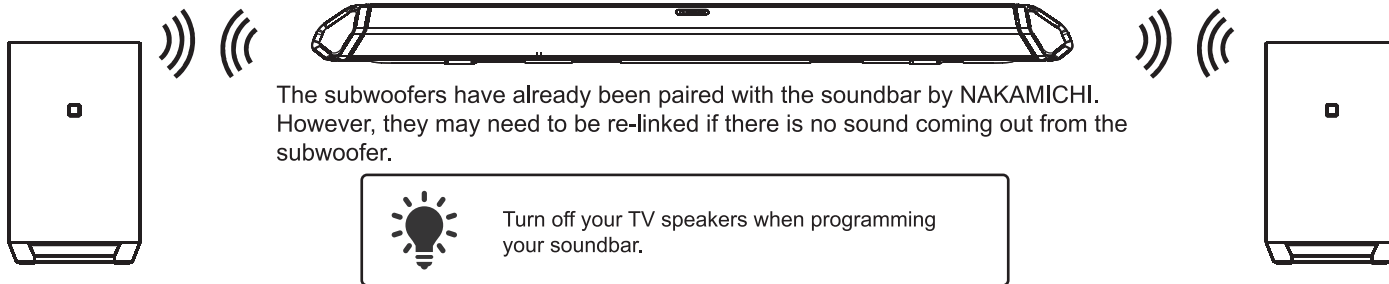


Your soundbar is not equipped with a microphone, so it cannot operate as a hands-free device for a smartphone.



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

RE-LINKING THE SUBWOOFERS WITH THE SOUNDBAR

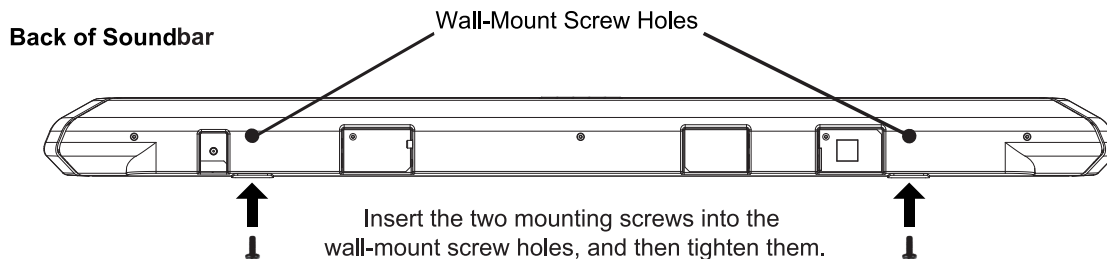


1. Ensure the soundbar and two subwoofers are powered OFF
2. Power ON the LEFT subwoofer
3. Power ON the RIGHT subwoofer
4. Press and hold PAIRING button at the back of LEFT subwoofer until the BLUE LED light start blinking rapidly
5. Press and hold PAIRING button at the back of RIGHT subwoofer until the BLUE LED light start blinking rapidly
6. Power ON the soundbar

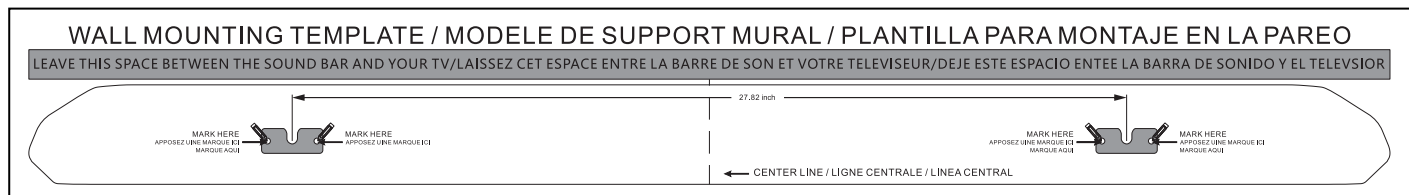
7. Pair the soundbar to the subwoofer in 2 ways:
 - a. On the remote control
 - i. Press the USB button on remote control to USB mode
 - ii. Press the menu button and toggle to SUB PAIR option
 - iii. Press ENTER and the "PAIR-" will be shown on LED display
 - b. On the soundbar
 - i. Press the  button on the soundbar to toggle USB mode
 - ii. Press and hold the DEMO button until "PAIR-" are shown on LED display.
8. The soundbar is in subwoofer pairing mode (LED display: "PAIR-")
9. Once the linking process is completed, the soundbar's LED display will show "DONE" and the Blue LED at the back of both subwoofers will stay lit constantly

WALL-MOUNTING THE SOUNDBAR

1



2



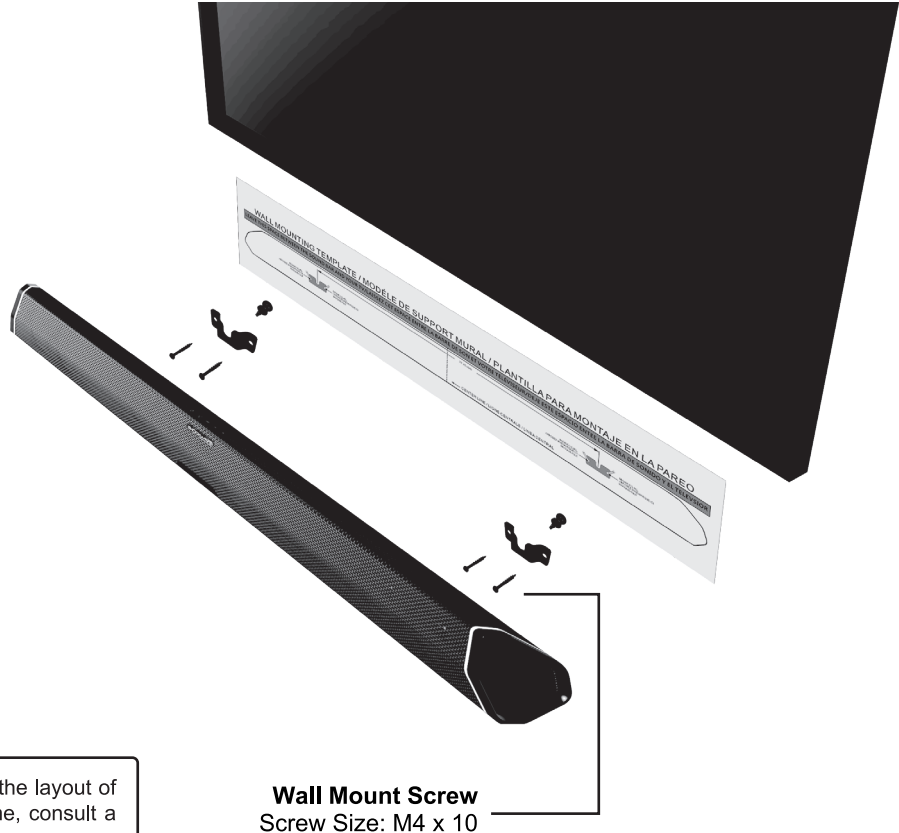
Place the included wall mounting template against the wall under your TV. Mark the four bracket holes using a pencil.

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

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:

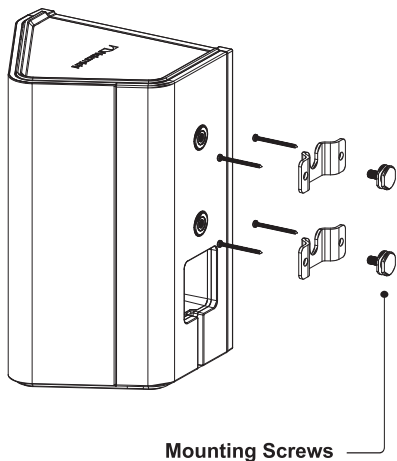
1. Attach the mounting screws to the back of the satellite speaker.
2. Align and mount the satellite speaker with the wall mount bracket.

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.

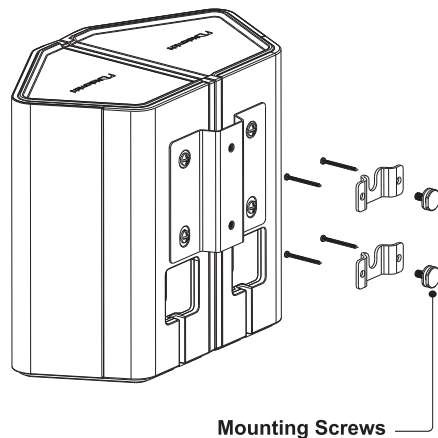


If you are unfamiliar with power tools or the layout of electrical wiring in the walls of your home, consult a professional installer.

BEST: Detached



BETTER: Attached



FIRMWARE UPGRADE

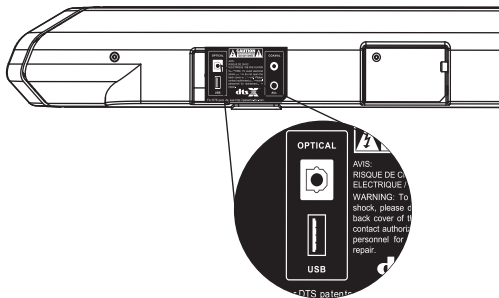
New firmware that provides additional features or product improvements will be release as needed. Firmware upgrade can be downloaded at www.nakamichi-usa.com/firmware

Do not perform this procedure unless firmware upgrade is necessary. Make sure you read the information supplied with the firmware before upgrading 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.

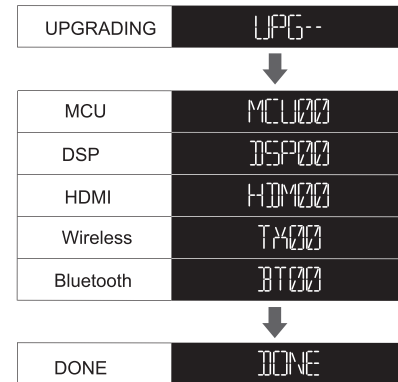
SOUNDBAR FIRMWARE UPGRADE



1. Insert the USB stick with the unzipped firmware into the soundbar's USB port
2. Press the USB button on the remote control to USB mode
3. Press MENU button to navigate firmware upgrade function (FWUPG on LED display)
4. Press and hold the ENTER button until "UPG--" is displayed on front LED display
5. Firmware upgrading process will be displayed on the LED screen
6. Once the firmware is completed, the soundbar will restart automatically

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.



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

HELP & TROUBLESHOOTING

There is no power.

- Press the POWER button on the remote control or on the top of your soundbar.
- 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 soundbar.
- Press MUTE on the remote to ensure the soundbar is not muted.
- Press SOURCE on the remote or on the top of your soundbar to select a different input source.
- Ensure your TV's audio output is set as Receiver or TV out Audio depending on your TV model.
- Your TV may be set to variable audio output. Confirm that the audio output setting is set to FIXED or STANDARD, not VARIABLE. Refer 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 25 for optimal audio settings for source devices.
- Go to www.nakamichi-usa.com/best-sound for the complete, updated list.
- Contact: support@nakamichi-usa.com

The remote isn't working.

- Replace the remote batteries with new ones.
- Point the remote directly at the center of the soundbar when pressing a button.
- For Bluetooth connection, some of the buttons on the remote may not be supported for streaming applications.(e.g., Pandora doesn't support the Back button.)

Resetting the SHOCKWAVE.

- 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 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.

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Nakamichi.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Nakamichi product. This Limited Warranty does not cover Nakamichi products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product.

This Limited Warranty is valid only in the United States. This Limited Warranty is valid only for Nakamichi products purchased from the following authorized retailers with a valid receipt stating date, product description and purchase price:

1. Amazon.com (under seller "Nakamichi LLC")
2. Walmart
3. BestBuy
4. Ebay (under seller "nakamichi-usa")

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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 up to 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.

The soundbar is compatible with the following audio formats:

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 5.1, DTS DIGITAL 5.1, 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.

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.

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.

The soundbar is compatible with the following video resolution:

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	

SPECIFICATIONS

SOUNDBAR

4 x 2.5" Full Range Driver
2 x 1" High Frequency Tweeter
2 x 2.5" Full Range Drivers

SURROUND LEFT & RIGHT

1 x 3" Full Range Driver (Each side)
1 x 1" High Frequency Tweeter (Each side)

SURROUND BACK LEFT & RIGHT

1 x 3" Full Range Driver (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
Total RMS Power: 250W
RMS Power Output:
90W (Soundbar)
15W x 2 (Surround Left & Right)
15W x 2 (Surround Back Left & Right)
50W x 2 (Subwoofer)
Frequency Response: 30Hz – 22kHz
Peak Power: 1000W

REMOTE CONTROL

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

CONNECTIVITY

HDMI Out (ARC to TV) x 1 (4K HDR Pass-Thru) [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, with aptX
USB x 1

AUDIO PROCESSING

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

DIMENSIONS, WEIGHT & POWER RATING

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 Speaker: 9.5 x 6 x 8 Inch, 5.7 lbs. (Each)
Power Rating:
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, 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 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.



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Our one-stop support solution:
www.nakamichi-usa.com/faq
Phone Support: **(415) 805 6913**
(Weekdays 10am - 7pm PST; Weekends 10am - 5pm PST)

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