

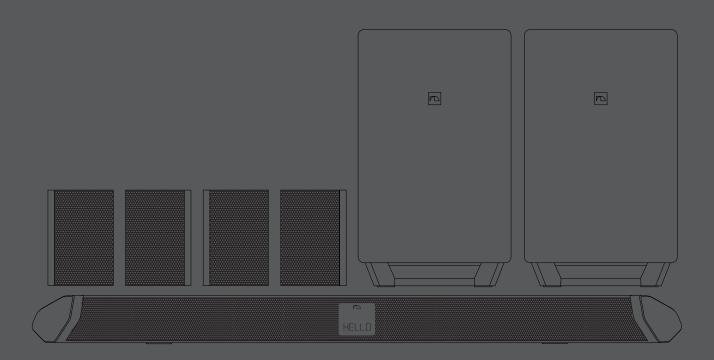
USER MANUAL











ONE-STOP SUPPORT SOLUTION

www.helpdesk.nakamichi-usa.com

NAKAMICHI DNA (DEDICATED NINJA ACCESS)

support@nakamichi-usa.com, (415) 805 6913 (Weekdays 10am - 7pm PST; Saturday, Holidays 10am - 5pm PST)

BE PART OF THE NAKAMICHI SHOCKWAFE COMMUNITY

www.community.nakamichi-usa.com



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, keep and follow all instructions.
- Heed all warnings.
- Do not use 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 and 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 tipover.
- 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 form 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 objects into the slots and openings on your Unit enclosure. Do not place any objects on the top of your Unit. Doing so cold 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 an 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 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 the equilateral triangle is 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.

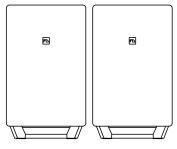
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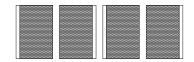
1 PACKAGE CONTENTS



Soundbar Main Unit x 1



10" Wireless Subwoofer x 2



Surround Speakers x 4



Remote Control w/ Batteries x 1



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



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



HDMI Cable x 1 (Length: 5 ft.)



Optical Cable x 1 (Length: 5 ft.)



3.5mm Audio Cable x 1 (Length: 4 ft.)



Soundbar Power Adapter (Length: 5 ft.)



Wall Screws & Brackets x 20



Satellite Speaker Mounting Brackets (Dipole) x 2



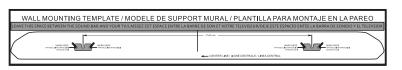
Mounting Screws (Soundbar) x 2



Mounting Screws (Satellite Speakers) x 8



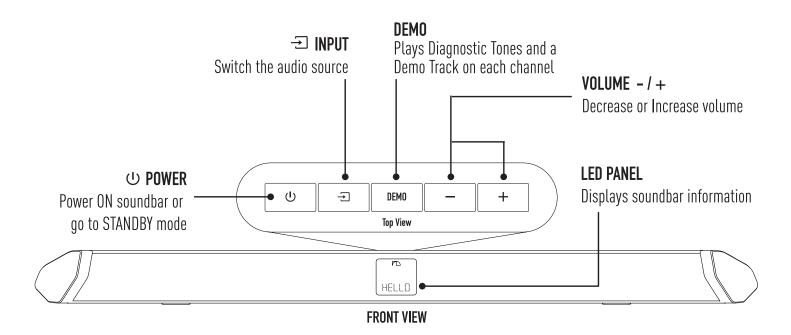
Soundbar & Satellite Wall Mount Brackets x 10

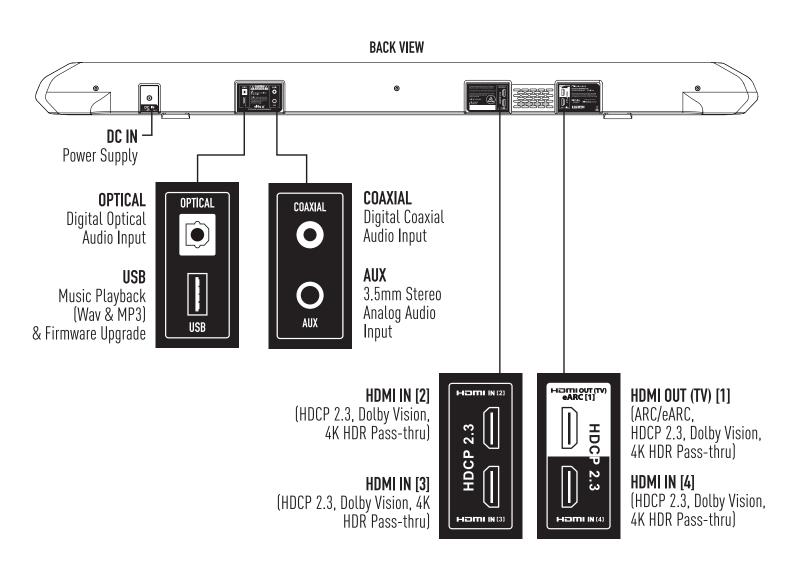


Soundbar Mounting Guide

1.2 CONTROLS & CONNECTIONS

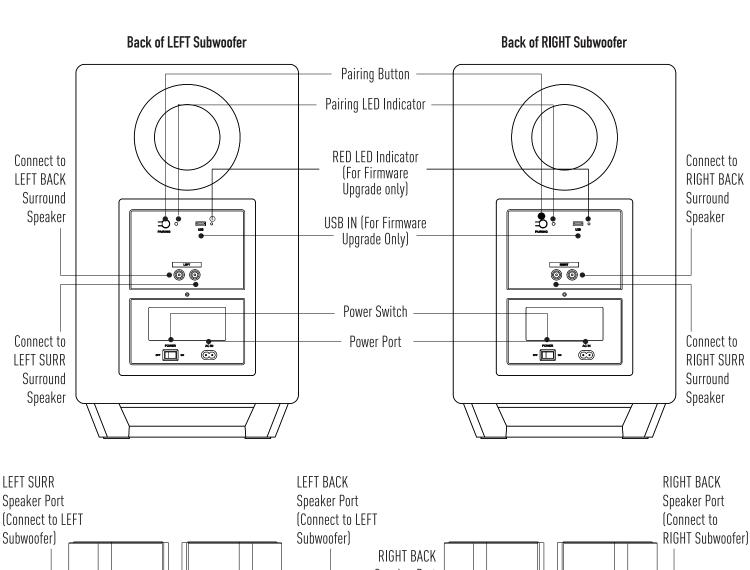
A. SOUNDBAR

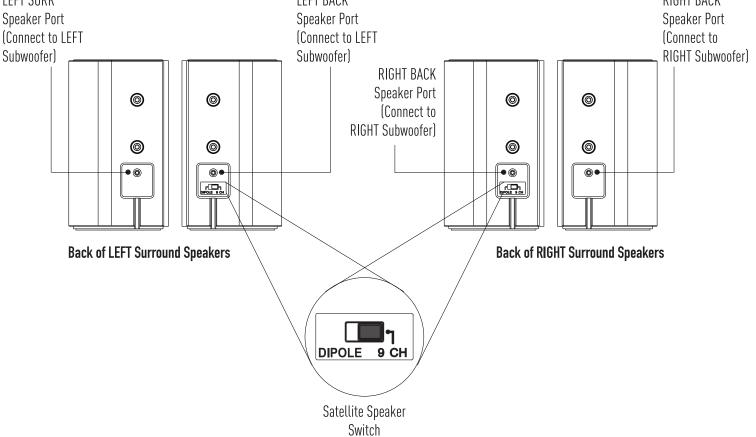




1.2 CONTROLS & CONNECTIONS

B. SUBWOOFERS & SURROUND SPEAKERS



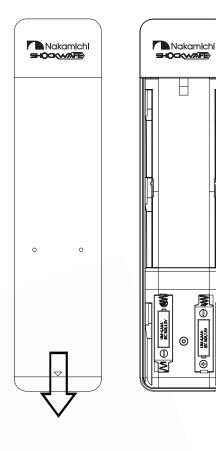


1.2 CONTROLS & CONNECTIONS

C. USING YOUR REMOTE CONTROL

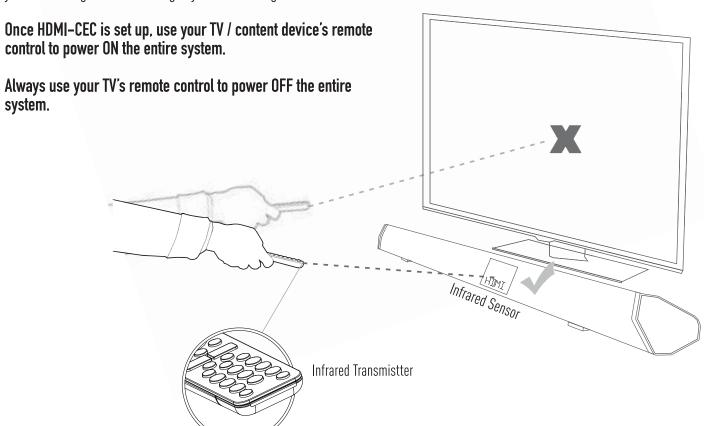
Inserting Batteries before using the Remote Control (AAA Batteries x 2)

Slide the back cover in the direction of the arrow until it is completely removed. Insert 2 x AAA Batteries and gently push the cover back into place.



Remote Angle

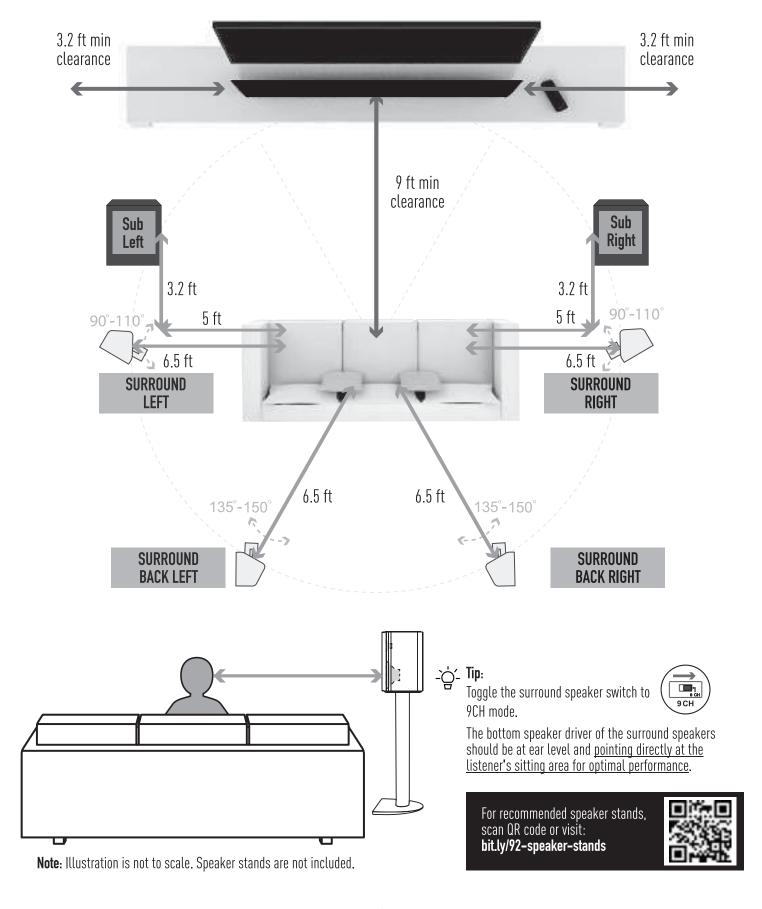
Tilt the remote downwards by 15-25 degrees for best response (as if you are aiming the remote slightly towards the ground.



2 SETTING UP YOUR HOME THEATER

A. SIGNATURE PLACEMENT (BEST – DETACHED)

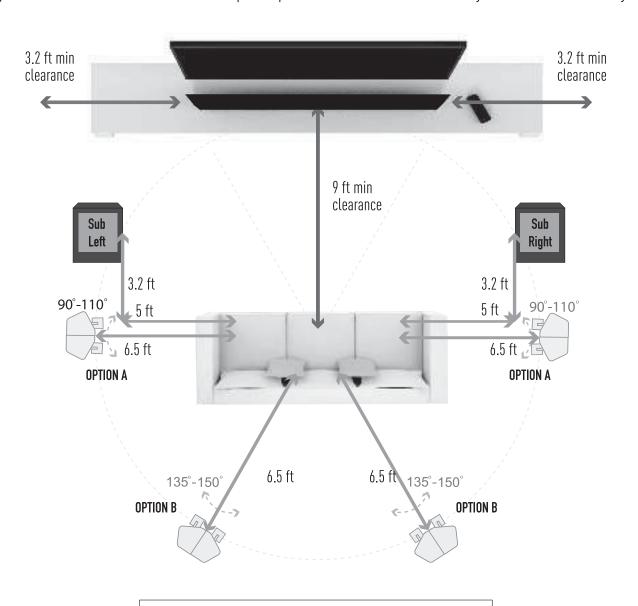
The soundbar system features modular surround speakers, giving you placement flexibility to suit your listening environment. The diagram below illustrates the recommended speaker placement. Actual distance can vary based on actual room layout.



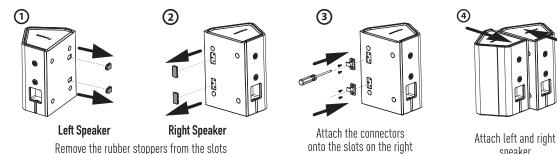
SETTING UP YOUR HOME THEATER

B. **DIPOLE SURROUND (BETTER - ATTACHED)**

The diagram below illustrates the recommended speaker placement. Actual distance can vary based on actual room layout.



Attaching the speakers for dipole setup





speaker



(5)

Secure the dipole mounting bracket with screws

The bottom speaker driver of the surround speakers should be at ear level and pointing slightly away from the listener's sitting area for optimal performance.

Toggle the surround speaker switch to DIPOLE mode.

For recommended speaker stands, scan QR code or visit: bit.ly/92-speaker-stands

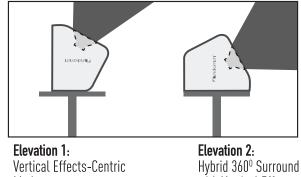


speaker

SETTING UP YOUR HOME THEATER

HYBRID ELEVATION

Lay the surround speakers down (drivers tilted upward in 2 modes, see illustration on the right) to enable vertical effects to bounce off the ceiling of your room.

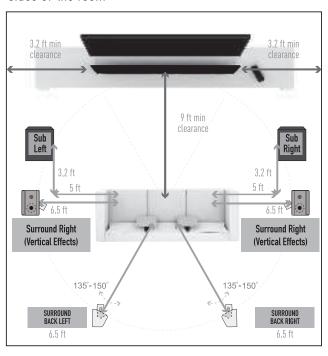


Mode

with Vertical Effects

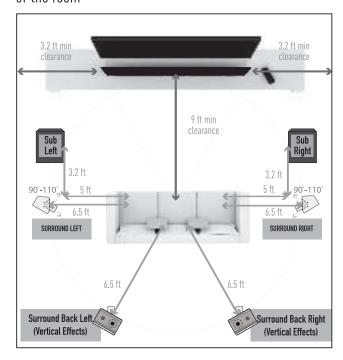
OPTION C1: 9.2CH SIDE ELEVATION

For added perceptibility of height effects from both sides of the room



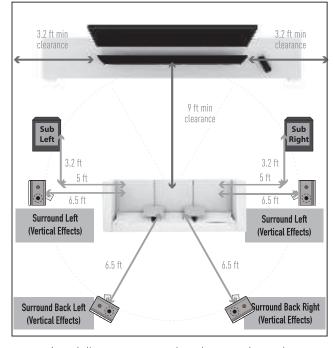
OPTION C2: 9.2CH REAR ELEVATION

For added perceptibility of height effects from the back of the room



OPTION C3: 9.2CH ALL ELEVATION

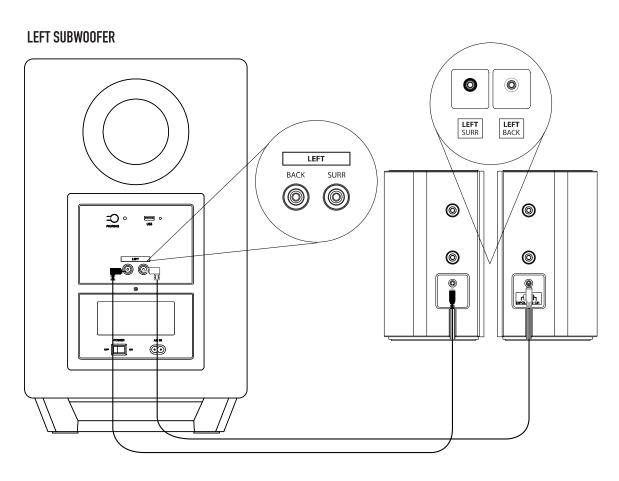
For added perceptibility of height effects from sides and back of room

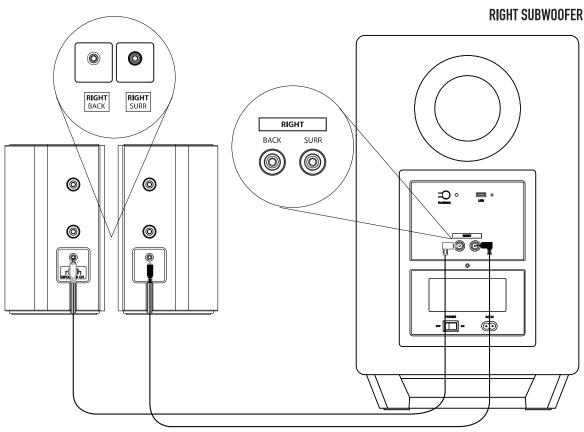




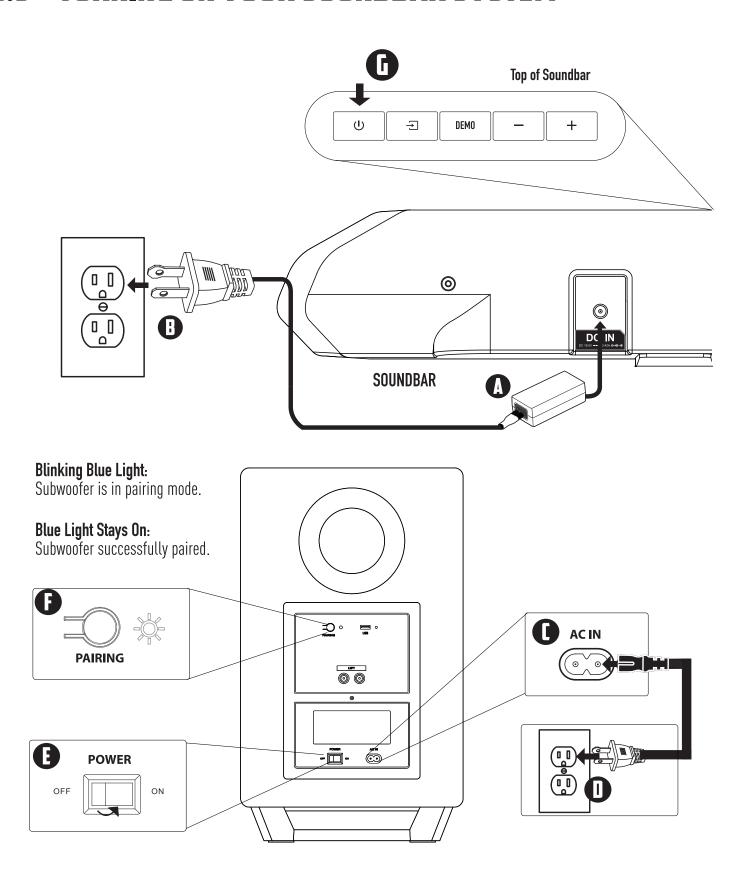
Find a video clip, invest the time to play the clip with different speaker placements and audition to see what works best for your room.

2.2 CONNECTING SURROUND SPEAKERS TO SUBWOOFERS





2.3 TURNING ON YOUR SOUNDBAR SYSTEM

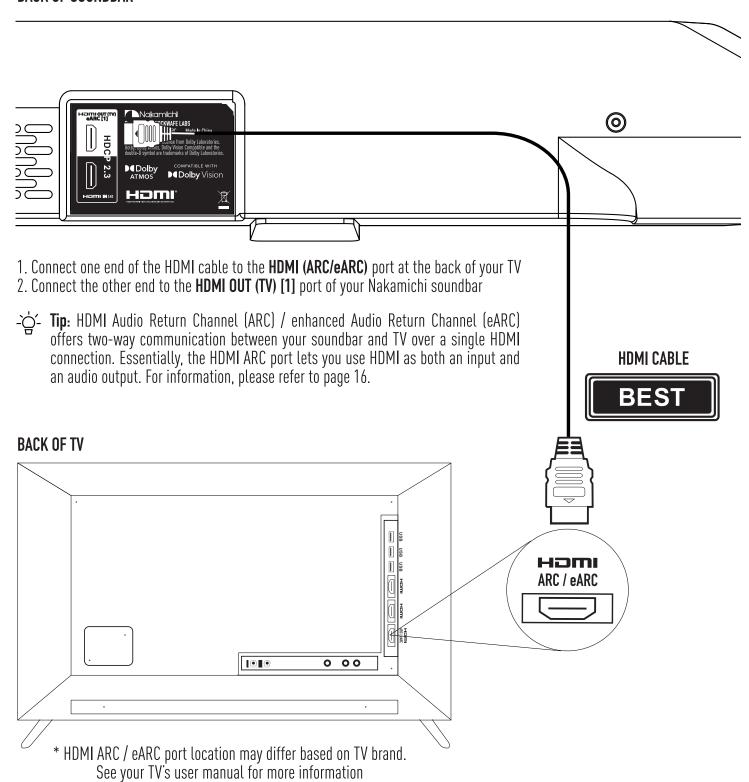


Tip: Once soundbar is powered off, the blue LED lights on the subwoofers will continue blinking for 10 minutes before going into standby mode. No need to turn off the subwoofers after each use.

2.4 CONNECTING YOUR TV

A. VIA HDMI ARC / EARC BEST

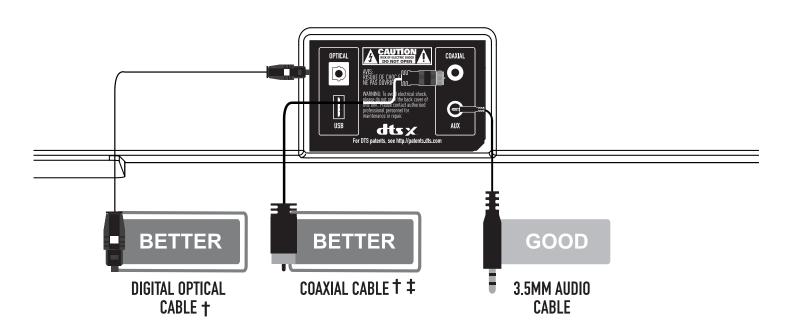
BACK OF SOUNDBAR



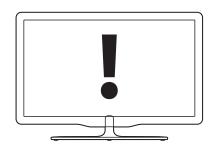
2.4 CONNECTING YOUR TV

B. DIGITAL OPTICAL BETTER, COAXIAL BETTER, AUX

BACK OF SOUNDBAR



Note: Be sure to connect to a TV's audio output port, 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 consoles, etc). See page 21, CONNECTING YOUR CONTENT DEVICES
- * Cable appearance may differ from the ones supplied.
- † If there is no audio during the setup, see page 38 for Help & Troubleshooting
- **‡** Cable not included

2.5 LISTENING TO YOUR SOUNDBAR

Press to power on / off the soundbar

Important: Once HDMI eARC / CEC is set up, always power on the soundbar by using your TV or content device's remote control power ON button.

Always use your TV's remote control to power OFF the system.

For more about HDMI-eARC / CEC, visit: nakamichi-usa.com/what-is-hdmi-cec/



Press TV button to listen to TV audio

Press HDMI 2 / 3 / 4 / Optical / Coaxial button to listen to content from other devices

ALL CH STEREO

All Channel Stereo / Stereo Only

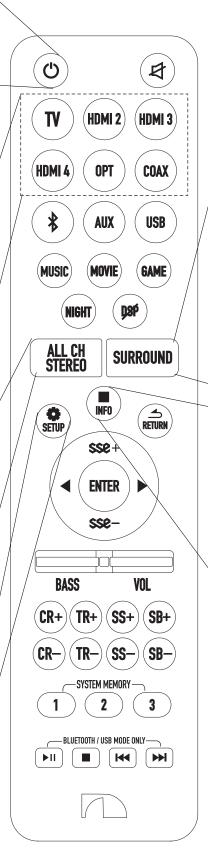
All Channel Stereo (Recommended) = Enables Stereo playback on surround speakers. Best for music, YouTube™ and older

content with minimal rear surround effects.

Stereo Only = Enables playback with soundbar + subwoofers only (no surround)



Access to advanced system settings. See page 27 for more information)



SURROUND

Set **SURROUND** to recommended settings below for best surround.

For **Dolby/PCM** content:

DOLBY SURR = Dolby Full Surround + Height DOLBY UPMIX = Dolby Full Surround Upmix NATIVE = Direct decode 2.1/5.1/7.1 channels based on how content was recorded.

For DTS content:

Neural X = DTS Full Surround + Height DTS Direct = DTS Full Surround Upmix Native = Direct decode 2.1/5.1/7.1 channels based on how content was recorded.

Above modes are for DTS content only. Cannot enable when Dolby or PCM content is playing.

(See page 26 ACCESSING CHANNEL MAPPING/UPMIXING)



Press INFO button to see the source audio format on the soundbar's LED display:

DOLBY ATMOS TRUEHD

(Dolby Atmos encoded Dolby TrueHD)

DOLÍY ATMOS I PLUŚ

(Dolby Atmos encoded Dolby Digital Plus)

DOLÍY ATMOS MAT**

(Dolby Atmos meta-data into lossless pulse-code modulation)

DOLBY TRUEHD

DOLBY DIGITAL

DTS X. DTS-HD MA (DTS HD Master Audio) DTS HD (DTS High Definition Audio) ITS IIGITAL (DTS Digital Surround)

LPCM 7.1 (Linear Pulse Code Modulation 7.1) LPCM 5.1 (Linear Pulse Code Modulation 5.1)

PCM 20 (Pulse Code Modulation)

** XBOX SERIES X / One X/S and Apple TV 4K come with a Dolby Atmos MAT encoder, which is designed to encode, decode and incorporate Dolby Atmos meta-data into lossless pulse-code modulation (PCM) audio, allowing listeners to experience Dolby Atmos via PCM audio.

For expanded remote control guide, scan QR code or visit: bit.ly/92max-shockwafe-remote



Dolby Atmos is the latest Dolby's object-based 3D surround sound format. It is encoded into Dolby TrueHD or Dolby Digital Plus stream with meta-data to extract and place the objects in relevant positions.

2.6 SETTING UP YOUR TV

A. What is Enhanced Audio Return Channel (ARC/eARC)?

With HDMI ARC/eARC, an eARC-compatible TV can send original, full resolution (lossless) audio signals to the soundbar. For eARC, you will need to connect your soundbar to the TV's HDMI eARC port using a high speed HDMI 2.1 cable.

The soundbar's eARC port is backwards-compatible with ARC and can also accept audio signals from HDMI ARC Equipped TV's.

Audio Settings for TV*

Setting the audio output:

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

D) For eARC equipped TV's only: Please also check your TV settings and turn on eARC mode if available. This option might be found under the advanced/expert options on your TV

Setting the audio format:

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

For recommended audio settings, scan QR code or visit: nakamichi-usa.com/best-sound



B. What is CEC?

CEC is a HDMI protocol that is only available when:

- 1. Your TV is CEC enabled. (Check with your TV manufacturer 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^ functions.

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

Enable CEC for TV only. Do not enable CEC for other source devices or inputs may switch randomly.

To disable CEC on the soundbar, see page 28.

- * Steps may differ based on TV brand. 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), TCL (CEC), Hisense (CEC). Naming may differ based on TV brand. See your TV's user manual for more information.

Visit **nakamichi-usa.com/best-sound** for expanded list of TVs' audio settings instructions. Visit bit.ly/hdmi-cec-settings or scan QR Code for HDMI-CEC setup instructions by device

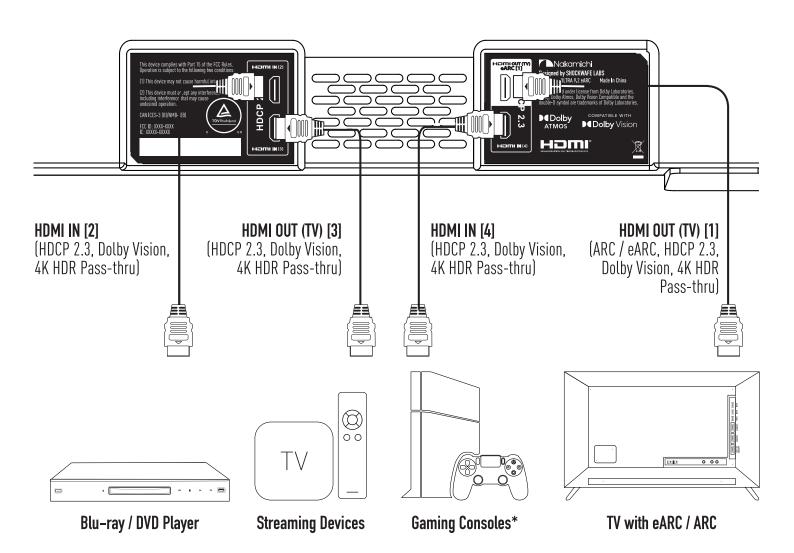
If your devices are not listed on our website, please check with the device manufacturer's manual



A. HDMI CONNECTION SETUP

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



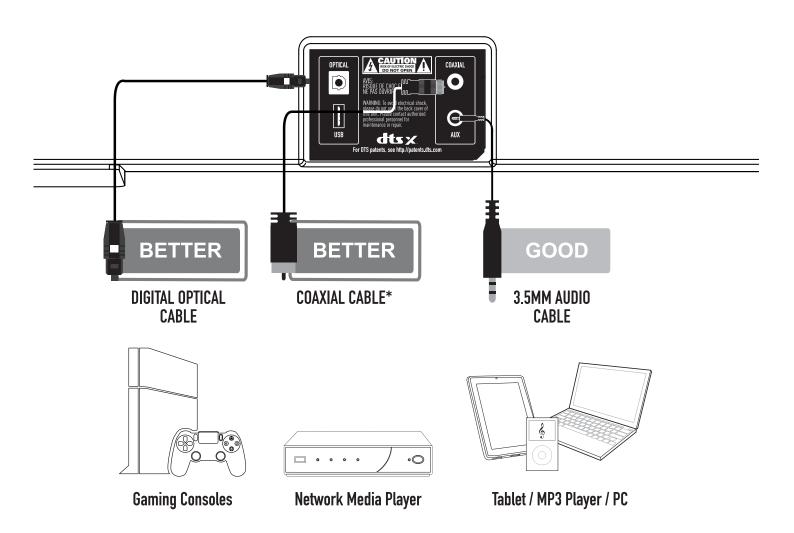
^{*} Connect XBOX Series X and PS5 directly to TV's HDMI inputs if TV is equipped with eARC.

Note 1: Cables may appear differently from the ones supplied.

Note 2: Connect devices with the same HDCP standards for seamless switching between sources. If there are devices with different HDCP standards, connect all HDCP 2.3 devices to soundbar while connecting HDCP 1.4/2.0/2.1 devices to TV to avoid audio and video instability.

B. NON-HDMI CONNECTION SETUP

BACK OF SOUNDBAR

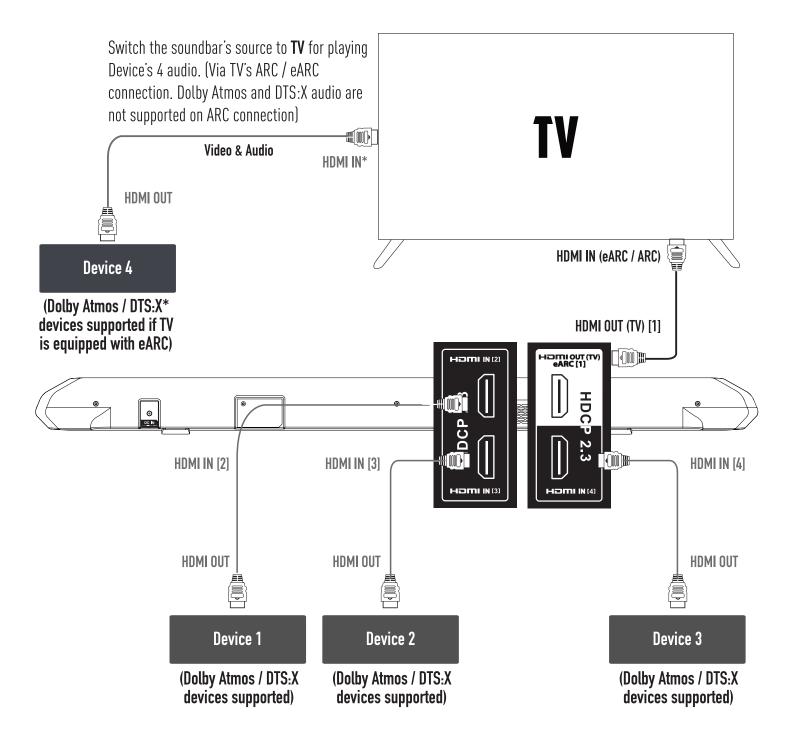


Note: Dolby Atmos and DTS:X audio are not supported on Optical, Coaxial and Aux connections * Cable not included

C. ADVANCED SETUP – FOUR DEVICE SETUP FOR HDTV



Use our **Perfect Device Matching Tool** to create a custom setup guide based on your TV and devices. Scan QR code or visit bit.ly/device-matching-tool



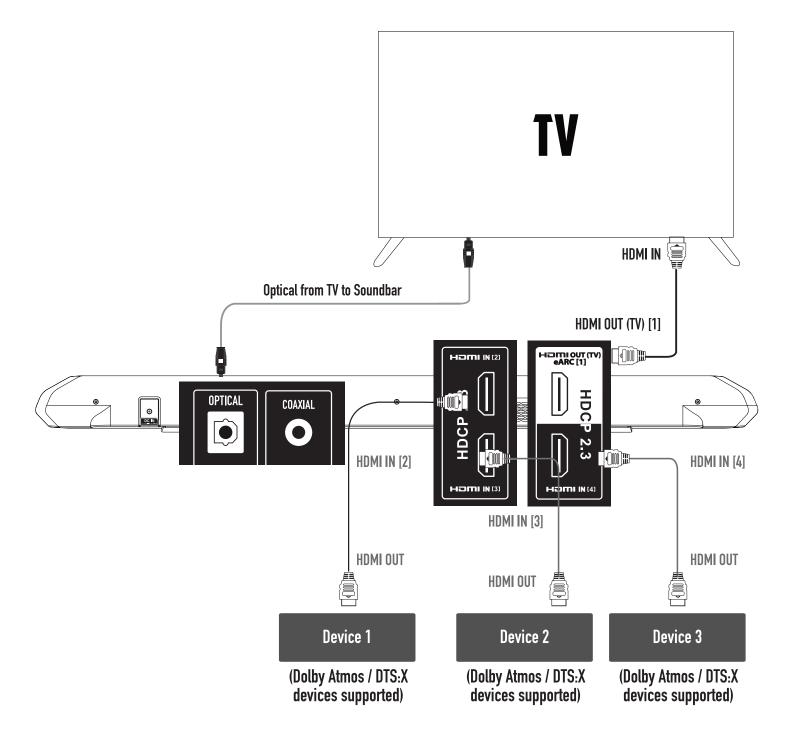
Note: If the device is not equipped with a HDMI port, use an Optical or Coaxial output.

^{*} Compatible HDMI eARC TV's can pass original, full resolution audio (with Dolby Atmos and DTS:X support) to the Soundbar. Select HDMI ARC-equipped TV's can send Compressed Dolby Atmos audio to the soundbar.

D. ADVANCED SETUP – THREE DEVICE SETUP FOR HDTV WITHOUT HDMI ARC



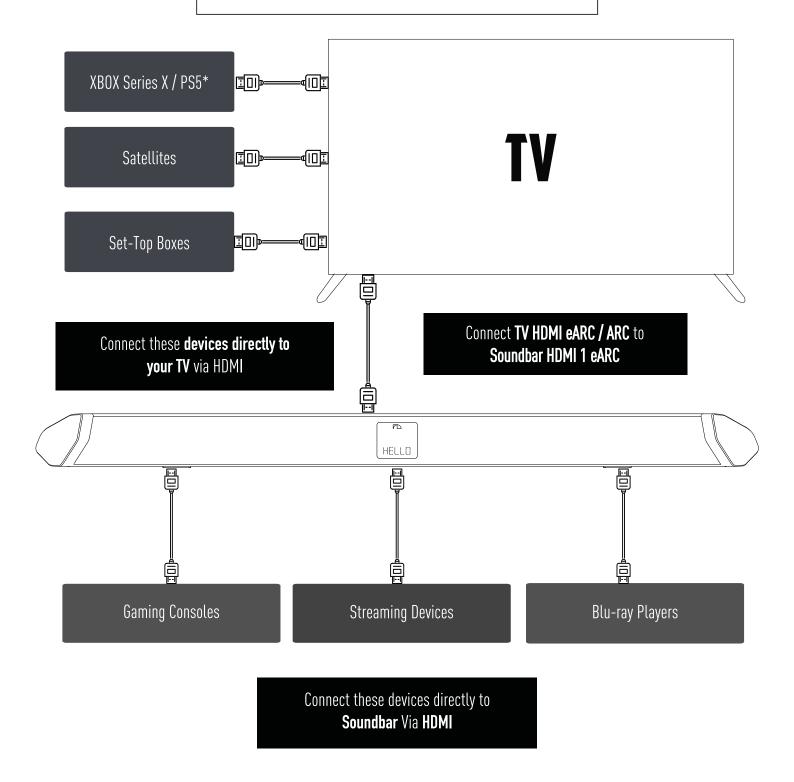
Use our **Perfect Device Matching Tool** to create a custom setup guide based on your TV and devices. Scan QR code or visit bit.ly/device-matching-tool



E. CONNECTIONS CENTRAL – RECOMMENDED CONNECTION BASED ON DEVICES



Use our **Perfect Device Matching Tool** to create a custom setup guide based on your TV and devices. Scan QR code or visit bit.ly/device-matching-tool



^{*}Connect XBOX Series X and PS5 directly to TV's HDMI inputs if TV is equipped with eARC **Note:** If you are using Optical connection option, connect all your content devices to TV

2.8 SETTING UP YOUR CONTENT DEVICES

RECOMMENDED AUDIO SETTINGS FOR BEST AUDIO

APPLE TV® 4K (2021)

Setting Audio Output:

- 1. Settings > Video and Audio > Audio > Audio Output > Receiver Speakers
- 2. Settings > Video and Audio > Audio > Reduce Loud Sounds > Off
- 3. Settings > Video and Audio > Audio > Audio Mode > Auto

AMAZON FIRE® TV CUBE / FIRE® TV 4K

Settings > Display & Sounds > Audio > Surround Sound > **Best Available**

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

ROKU™ ULTRA 4K (2020)

Setting Audio Format:

Roku Ultra 4K: Settings > Audio > Audio Mode > Auto (Dolby D+, DTS)

NVIDIA® SHIELD PRO 4K

Setting Audio Format:

1. Settings > Device Preferences > Display & Sound > Advanced Sound Settings > Surround Sound > Dolby Audio Processing > **ON**, Available Formats > **Auto**

PLAYSTATION® 5

Setting Audio Output:

- 1. Settings > Sound > select Audio Output
 - a. Audio Output > Output Device > HDMI Device (AV amplifier)
 > Switch Output Device Automatically > On > HDMI Device
 Type > select AV amplifier
 - b. AV amplifier > Number of Channels > 7.1ch
 - c. Audio Output > General > Audio Format (Priority) > Bitstream (Dolby)

XBOX® SERIES X

Setting Audio Format:

- 1. Menu > Settings > General > Volume & Audio Output
 - a. Volume & Audio Output > Speaker Audio > HDMI Audio > **Bitstream Out**
 - b. Volume & Audio Output > Speaker Audio > Bitstream Format > **Dolby Atmos for Home Theater**

2. Blu-ray Playback Audio Settings:

Menu > Settings > **Devices & Connections**

- a. Devices & Connections > **Blu-ray**
- b. Blu-ray > Dolby Digital > **Dynamic range Control Off** > Let my receiver decode audio > **Check**

NINTENDO® SWITCH

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

Setting Audio Format: (Put the console in TV mode)

- SWITCH Audio Settings: System Settings > TV Settings > TV Sound > Surround
- 2. TV Audio Settings: Digital Output Format > select **Dolby Digital**

SONY® BLU-RAY PLAYER

Setting Audio Output:

Setup > System Settings > HDMI Audio Output > Auto

Setting Audio Format:

Setup > Audio Settings >

- 1. Digital Audio Output > Auto
- 2. DSD Output Mode > Off
- 3. BD Audio MIX Setting > Off
- 4. DTS Neo:6 > **Off**
- 5. DSEE HX > **Off**
- 6. Downmix > Surround

DIRECT TV®

Menu > Settings > Audio > Dolby Audio > Off

DISH® Satellite TV SET-TOP BOX

- 1. Launch System Settings
- 2. Set Decoder to Dolby Digital
- 3. Set Mode to Line
- 4. Select Done

Xfinity® SET-TOP BOX

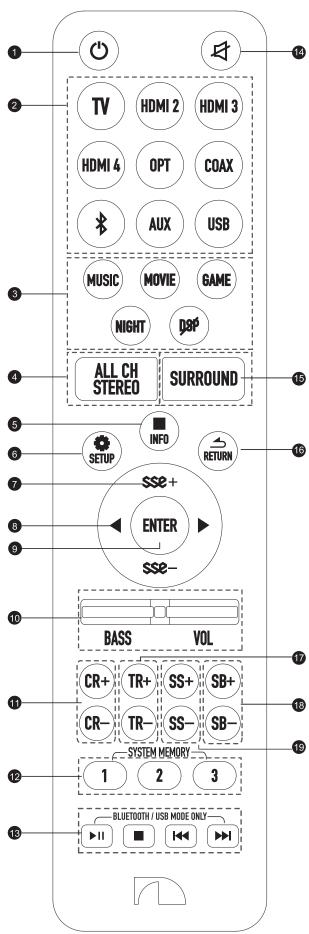
- 1.) Go to Setting
- 2.) Select Audio Codec
- 3.) Select HDMI or Optical
- 4.) Set Audio Range to Normal
- 5.) Set Audio Output to Fixed

Above is the recommended audio settings for a list of popular devices. For full list of devices with our recommended audio settings, visit **nakamichi-usa.com/best-sound** or scan QR code on the right. If your device is not listed on our website, please refer to its own user manual.



UNDERSTANDING YOUR REMOTE CONTROL

OVERVIEW



* If HDMI CEC is connected between TV and soundbar, always use the TV or source device's power button on the remote to power "ON" the system. Always use the TV power button to power "OFF" the system.

POWER* ()

Turn ON/OFF the Soundbar

INPUT SOURCE

Select audio input source (See page 24 for more details) **EQ (EQUALIZER) & NIGHT MODE**

Select between Nakamichi pre-tuned audio EQ modes. [See page 25 for more details]

ALL CH STEREO / STEREO ONLY

4 Activate All Channel Stereo or Stereo Only

INFO =

Display system information on the soundbar LED display (See page 31 for more details)

SETUP •

6 Access to advanced system settings (See page 27 for more details)

SSE + / -

(SPATIAL SURROUND ELEVATION MAX PROCESSING)

Select different SSE Max modes (See page 30 for more details)

◄/► BUTTON

Toggle between different settings (Setup function only)

ENTER BUTTON

Select desired settings (SETUP function only)

BASS / VOLUME

10 Adjust bass / volume level

CR + I -

Adjust center channel volume level

SYSTEM MEMORY

② Save your personalized audio settings (See page 32 for more

PLAY/PAUSE ►II, STOP ■ , NEXT ►>1, PREVIOUS I◄

Buttons for audio playback (Bluetooth / USB mode only)

MUTE ₽

14 Mute / unmute the soundbar

SURROUND

Select between different channel mapping / upmixing methods (See page 26 for more details)

RETURN 📤

Return to the previous selection (SETUP function only)

17) Adjust high tones (treble) volume level

SB +/-

Adjust volume level of both back surround channels

Adjust volume level of both side surround channels

For expanded remote control guide, scan QR code or visit: bit.ly/92max-shockwafe-remote

