Westinghouse

User Manual

Products:

WS512AWS

5.1.2 Channel Sound Bar with Dolby Atmos® and Wireless Subwoofer

DO NOT RETURN THIS PRODUCT TO THE STORE

If you have questions or need assistance, please call customer service at (800) 701-0680.

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1. Important Safety Instructions

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude as to constitute a risk of electric shock to persons.

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

1.1 Safety

1 **Read these instructions** - All the safety and operating instructions should be read before this product is operated.

2 **Keep these instructions** - The safety and operating instructions should be retained for future reference.

3 **Heed all warnings** - All warnings on the appliance and in the operating instructions should be adhered to.

4 **Follow all instructions** - All operating and usage instructions should be followed.

5 **Do not use this apparatus near water** - The appliance should not be used near water or moisture - for example, in a wet basement or near a swimming pool and the like.

6 **Clean only with a dry cloth.**

7 **Do not block any ventilation openings**. Install in accordance with the manufacturer's instructions.

8 Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat.

9 Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11 Only use attachments/accessories specified by the manufacturer.

12 Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13 Unplug the apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

15 ⧈ This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

16 The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

17 Minimum distance around the apparatus for sufficient ventilation is 5cm.

18 The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers,table-cloths, curtains, etc...

19 No naked flame sources, such as lighted candles, should be placed on the apparatus.

20 Batteries should be recycled or disposed of as per state and local guidelines.

21 The use of apparatus in moderate climates.

1.2 Caution

- Use of controls or adjustments or performance of procedures other than those described herein, may result in hazardous radiation exposure or other unsafe operation.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on apparatus.
- The mains plug/appliance coupler is used as the disconnect device, the disconnect device must remain readily operable.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

1.3 Warning

- The battery (batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.
- Do not place this unit close to strong magnetic fields.
- If any solid object or liquid falls into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- Do not attempt to clean the unit with chemical solvents as this may damage the finish. Use a clean, dry or slightly damp cloth.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.
- The rating label is pasted on the bottom or back of the equipment.

⚠ **Battery usage CAUTION**

To prevent battery leakage which may result in bodily injury, property damage, or damage to the apparatus:

- Install all batteries correctly, + and - as marked on the apparatus.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (Carbon-Zinc) or rechargeable (Ni-Cd, Ni- MH, etc.) batteries.
- Remove batteries when the unit is not used for a long time.

WARNING:

- Replacement of a battery with an incorrect type may defeat a safeguard;
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, may result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment, such as sunshine, fire, or hot surface may result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

CAUTION: Risk of fire or explosion if the battery is replaced by an incorrect type!

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

CE

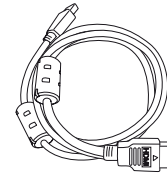
We hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

2. What's in the Box

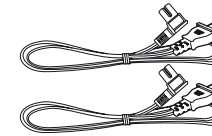
Sound Bar

Wireless Subwoofer

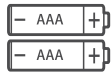
Remote Control



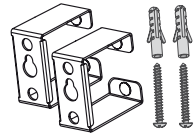
HDMI Cable



AC Power Cord x 2



AAA Batteries x 2



Wall Mount Kit

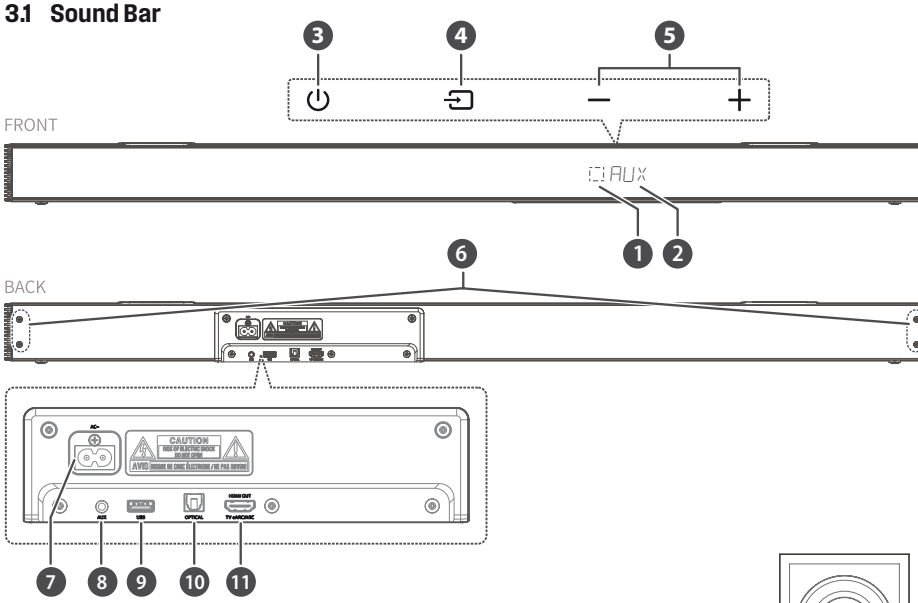
Warranty Card
Tech Support Card

User Manual
Quick Start Guide

- Power cord quantity and plug type vary by regions.
- Images, illustrations and drawings shown on this User Manual are for reference only, actual product may vary in appearance.

3. Identifying the Parts

3.1 Sound Bar



1 **Remote Control Sensor**
Receive signal from the remote control.

2 **Display Window**
Show the current status.

3 ⏻ **(ON/OFF)** button
Switch the Sound Bar between ON and Standby mode.

4 ⇥ **(SOURCE)** button
Select the play function.

5 **+/ — (VOL)** button
Increase/decrease the volume level.

6 **Wall bracket screws**

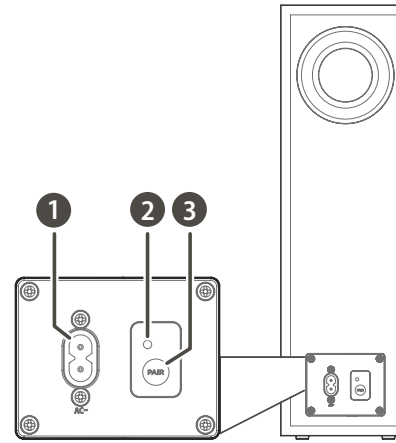
7 **AC~** Socket
Connect an AC power cord.

8 **AUX** Socket
Connect to an external audio device.

9 **USB** Socket
Insert the USB device to play music.

10 **OPTICAL** Socket
Use to connect the Sound Bar to a OPTICAL OUT socket on an external device.

11 **HDMI OUT (TV eARC/ARC)** Socket
The port supports the eARC/ARC HDMI feature, which allows the Sound Bar to play audio that originates on the connected TV.



3.2 Wireless Subwoofer

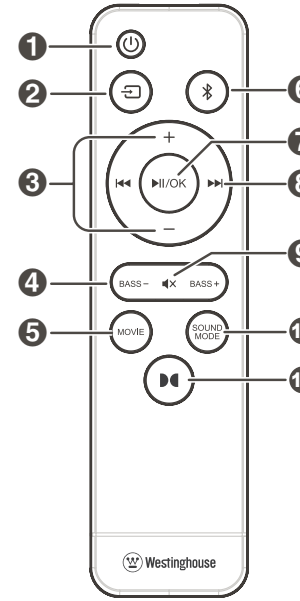
1 **AC~** Socket
Connect an AC power cord.

2 **Pairing Indicator**
Light stops blinking once the subwoofer is paired with the Sound Bar.

3 **PAIR** button
Press activate the pairing function between the Sound Bar and subwoofer.

3.3 Remote Control

1	⏻	Switch the Sound Bar between ON and STANDBY mode.
2	⇥	Select the play function.
3	**+/−(VOL)**	Increase/decrease the volume level.
4	**BASS +/−**	Adjust bass level.
5	**MOVIE**	Select a MOVIE sound effect.
6	ᛒ	Select the Bluetooth mode.
7	▶II/OK	Play/pause/resume playback in Bluetooth/USB mode. Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device.
8	⏮/⏭	Skip to previous/next track in Bluetooth/USB mode.
9	🔇(MUTE)	Mute or resume the sound.
10	**SOUND MODE**	Select a preset sound effect.
11	DD	Turn the Dolby Atmos ON/OFF.



3.4 Prepare the Remote Control

The provided Remote Control allows the Sound Bar to be operated from a distance.

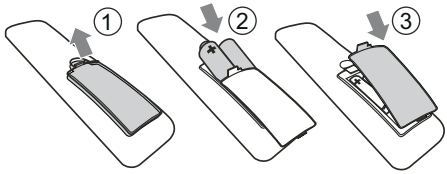
IMPORTANT: The remote control will work within a 6m range, however this may be impossible if there are obstacles between the unit and the control.

3.5 Replace the Remote Control Battery

1 Press and slide the back cover to open the battery compartment of the remote control.

2 Insert two **AAA** size batteries. Make sure the (**+**) and (**-**) ends of the batteries match the (+) and (-) ends indicated in the battery compartment.

3 Close the battery compartment cover.



Precautions Concerning Batteries

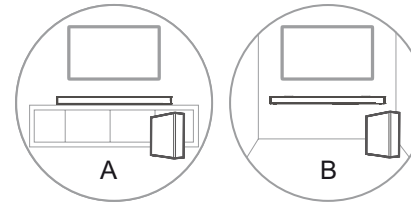
- Be sure to insert the batteries with correct positive "⊕" and negative "⊖" polarities.
- Use batteries of the same type. Never use different types of batteries together.
- Either rechargeable or non-rechargeable batteries can be used. Refer to the precautions on their labels.
- Be aware of your fingernails when removing the battery cover and the battery.
- Do not drop the remote control.
- Do not allow anything to impact the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as corrosion or battery leakage may occur and result in physical injury, and/or property damage, and/or fire.
- Do not use any batteries other than those specified.
- Do not mix new batteries with old ones.
- Never recharge a battery unless it is confirmed to be a rechargeable type.

4. Placement and Mounting

4.1 Placement

A If your TV is placed on a table, you can place the Sound Bar on the table directly in front of the TV stand, centered with the TV screen.

B If your TV is attached to a wall, you can mount the Sound Bar on the wall directly below the TV screen.



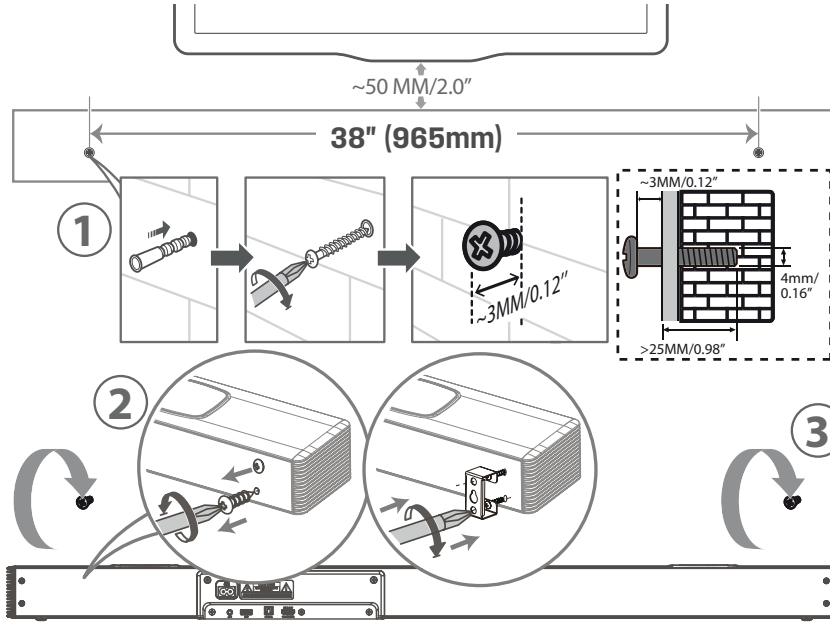
4.2 Wall Mounting

- Installation must be carried out by qualified personnel only. Incorrect assembly can result in severe personal injury and property damage (if you intend to install this product yourself, you must check for installations such as electrical wiring and plumbing that may be buried inside the wall). It is the installer's responsibility to verify that the wall will safely support the total load of the Sound Bar and wall brackets.
- Additional tools (not included) are required for the installation.
- Do not overtighten screws.
- Keep this instruction manual for future reference.
- Use an electronic stud finder to check the wall type before drilling and mounting.

WARNING

- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- Suggested wall mounting height: ≤ 1.5 meters.

1. Drill 2 parallel holes (Ø5.5-6 mm each according to wall type) in the wall.
   The distance between the holes should be 38" (965mm).
2. Firmly fix 1 dowel into each hole in the wall if necessary. Tighten the wall mount brackets on the wall with screws and screwdriver (not included). Make sure that they are securely installed.
3. Remove the screws at the back of the Sound Bar. Install the wall mounting screws into the back of the Sound Bar.
4. Lift the Sound Bar onto the wall mount brackets and slot into place.



5. Connections

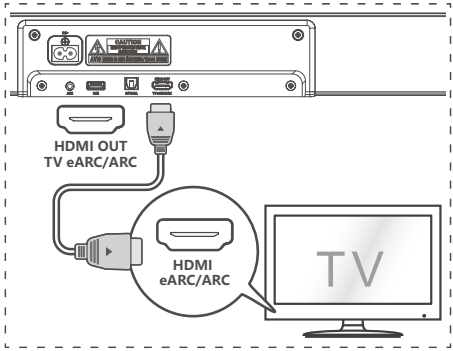
5.1 Dolby Atmos®

Dolby Atmos gives you Immersive listening experience by delivering sound in three dimensional space, and all the richness, clarity, and power of Dolby sound. For more information, please visit dolby.com/technologies/dolby-atmos

5.2 Use the HDMI Socket

The ARC (Audio Return Channel) function allows you to send audio from your ARC- compliant TV to your Sound Bar through a single HDMI connection. To enjoy the ARC function, please ensure your TV is both HDMI-CEC and ARC compliant and set up accordingly. When correctly set up, you can use your TV remote control to adjust the volume output (VOL **+/−** and MUTE) of the Sound Bar.

- Connect the HDMI cable from Sound Bar **HDMI OUT (TV eARC/ARC)** socket to the HDMI eARC/ARC socket on your eARC/ARC compliant TV. Then press the remote control to select **HDMI eARC/ARC**.



Tips:

- Your TV must support the HDMI-CEC and ARC function. HDMI-CEC and ARC must be set to On.
- The setting method of HDMI-CEC and ARC may differ depending on the TV. For details about ARC function, please refer to the owner's manual.
- ARC only works with devices that are HDMI ARC capable as well as with an HDMI 1.4 cable (and higher).

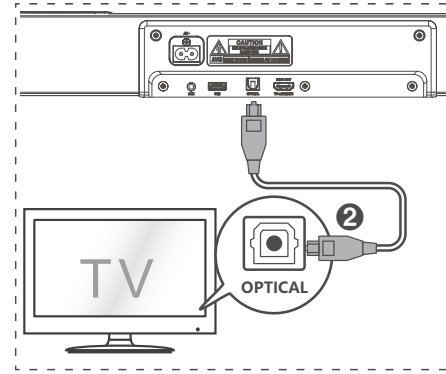
Use with Roku TV

- If you have a Roku TV™, simply plug in the HDMI cable to the eARC/ARC ports and follow the Roku TV Ready™ on-screen instructions.

Roku TV Ready™
✓ Simple setup
✓ One remote
✓ Quick settings

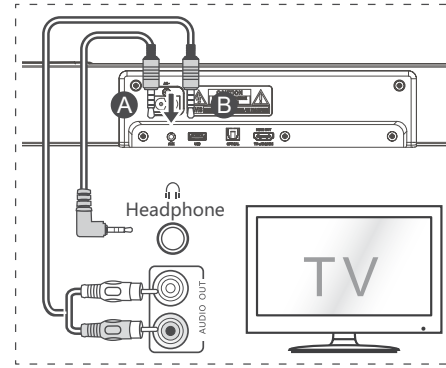
5.3 Use the OPTICAL Socket

- Use the OPTICAL cable to connect the TV's OPTICAL OUT socket and the **OPTICAL** socket on the Sound Bar.



5.4 Use the AUX Socket

A. Use a 3.5mm to 3.5mm audio cable to connect the TV's or external audio device headphone socket to the **AUX** socket on the Sound Bar.



B. Use a RCA to 3.5mm audio cable to connect the TV's audio output sockets to the **AUX** socket on the Sound Bar.

5.5 Connect Power

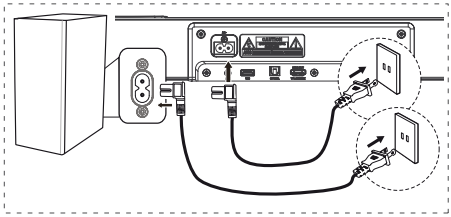
Risk of product damage!

Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the Sound Bar.

Before connecting the AC power cord, ensure you have completed all other connections.

Sound Bar: Connect the mains cable to the **AC~** socket of the Sound Bar and then into a mains socket.

Subwoofer: Connect the mains cable to the **AC~** socket of the subwoofer and then into a mains socket.



6. Pair up with the Subwoofer

6.1 Automatic pairing

The subwoofer and Sound Bar will automatically pair when both units are plugged into the mains sockets and turned on. No cable is needed for connecting the two units.

- Determine the status based on the wireless subwoofer indicator.

LED State	Status
Fast blink	Subwoofer in pairing mode
Constant on	Connected / Pairing successful
Slow blink	Connection / Pairing Failed

NOTE:

- Do not press the **PAIR** button on the rear of the subwoofer, except for manual pairing.
- If the automatic pairing fails, pair the subwoofer with the Sound Bar manually.

6.2 Manual pairing

1. Ensure that all the cables are well connected and switch the Sound Bar on.
2. Press and hold the **PAIR** button on the rear of the subwoofer for a few seconds. The subwoofer will enter the pairing mode and the Pair Indicator will blink quickly.
3. Press and hold the (SOURCE) button on the Sound Bar or on the remote control for a few seconds. The display will scroll "**SETUP PAIR**".
4. After the wireless connection succeeded, the Pair Indicator will light up.
5. If the Pair indicator blinks, the wireless connection has failed. Unplug the cable of the subwoofer and then reconnect the main cable after 4 minutes. Repeat step 1 ~ 4.

NOTE:

- If the wireless connection fails again, check if there is conflict or strong interference (for example, interference from an electronic device) around your location. Remove these conflicts or strong interferences and repeat the above procedures.
- The subwoofer should be within 6m (19.7 feet) of the Sound Bar in an open area.
- If the Sound Bar is not connected with the subwoofer and it is in On mode, the POWER Indicator will flash. Follow step 1 ~ 4 above to pair the subwoofer to the Sound Bar.

7. Basic Operation

7.1 Standby/ON

When you first connect the Sound Bar to the mains socket, the Sound Bar will be in Standby mode.

- Press the ⏻ button on the Sound Bar or on the remote control to switch the Sound Bar ON.
- Press the ⏻ button again to switch the Sound Bar back to STANDBY mode.
- Disconnect the mains plug from the mains socket if you want to switch the Sound Bar OFF completely.

7.2 Automatic Power Off Function

The Sound Bar automatically turns to **Standby** mode after about 15 minutes if the TV or the external Sound Bar is disconnected, switched off or the volume is too close to mute.

- To switch the Sound Bar off completely, remove the mains plug from the mains socket.
- Please turn the Sound Bar off completely to save energy when not in use.

7.3 Select Modes

Press the ⇥ (SOURCE) button repeatedly on the Sound Bar or on the remote control to select the **AUX,** ✱ (Bluetooth**), OPTICAL, HDMI eARC/ARC** and **USB** mode. The selected mode will show on the display.

Display	Mode
ARC E-ARC	HDMI ARC HDMI eARC
OPT	OPTICAL
AUX	AUX
USB	USB
BT	Bluetooth

7.4 Adjust the Bass Level

- Press the **BASS +/ BASS —** buttons on the remote control to adjust bass level.

7.5 Select Equalizer (EQ) Effect

While playing, press the **SOUND MODE** button on the remote control to select desired preset equalizers.

- **MOVIE:** recommended for viewing movies
- **MUSIC:** recommended for listening to music
- **NEWS:** recommended ford listening to News

7.6 Adjust the Volume

- Press the **+/—(VOL)** buttons on the Sound Bar or on the remote control to adjust the volume.
- If you wish to turn the sound off, press the 🔇 (MUTE) button on the remote control. Press the 🔇 (MUTE) button again or press the **+/—(VOL)** buttons on the Sound Bar or on the remote control to resume normal listening.

7.7 Turn the Dolby Atmos ON/OFF

- Press the ◗◖ button on the remote control to turn on the Dolby Atmos sound.
- Press the ◗◖ button again to turn off the Dolby Atmos sound.

8. AUX / OPTICAL / HDMI Operation

1 Ensure that the Sound Bar is connected to the TV or audio device.

2 Press the ⇥ (SOURCE) button repeatedly on the Sound Bar or on the remote control to select the **AUX, OPTICAL, HDMI eARC/ARC** mode. The selected mode will show on the display.

3 Operate your audio device directly for playback features.

4 Press the **+/—(VOL)** button to adjust the volume to your desired level.

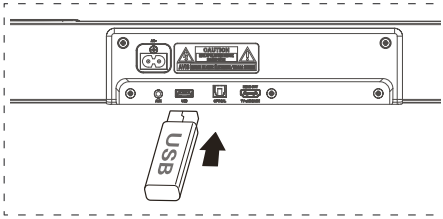
Tip:

- The Sound Bar may not be able to decode all digital audio formats from the input source. In this case, the Sound Bar will mute. This is NOT a defect. Ensure that the audio setting of the input source (e.g. TV, game console, DVD player, etc.) is set to **PCM** or **Dolby Digital** (Refer to the user manual of the input source device for its audio setting details) with HDMI / OPTICAL input.
- When selecting a different audio format, the Sound Bar will display the following as follows:

Audio (abbreviation)	Display
PCM AUDIO	PCMAUDIO
Dolby Digital, Dolby TrueHD, Dolby Digital Plus	DOLBYAUDIO
Dolby Atmos-Dolby TrueHD, Dolby Atmos-Dolby Digital Plus	DOLBYATMOS

9. USB Operation

By connecting a USB mass storage device (e.g. USB flash drive) to this Sound Bar, you can enjoy the device's stored music through the Sound Bar.



1 Insert the USB device.

2 Press the ⊡ (SOURCE) button repeatedly on the Sound Bar or on the remote control to select the **USB** mode.

During playback:

▶II/OK	Start, pause or resume play
⏮/⏭	Skip to the previous or next track

Tips:

- The unit can support USB devices with up to 32 GB of memory.
- The player supports the USB music file format of MP3 only.
- This product may not be compatible with certain types of USB storage devices.
- If you use a USB extension cable, USB hub, or USB Multifunctional card reader, the USB storage device may not be recognized.
- Do not remove the USB storage device while reading files.

10. Bluetooth® Operation

Pairing the Sound Bar with a Bluetooth® device to listen to music:

First time pairing

1 Press the ⊡ button on the Sound Bar or ✱ button on the remote control to select Bluetooth® mode. The display will show **NO BT**.

2. On the Bluetooth device, switch on Bluetooth, search for and select "**WS512AWS**" to start connection

3 Wait until you hear the voice prompt from the Sound Bar and the display panel shows "**BT**", the system is successfully connected.

4 Select and play audio files or music on your Bluetooth device.

Pairing a new device after first time pairing

In Bluetooth® mode, press and hold the ▶II/OK button to disconnect from current Bluetooth connected devices and enter the Bluetooth pairing mode. Follow step 2-3 to pair your Bluetooth® device.

To disconnect the Bluetooth function, you can :

- Switch to another function on the Sound Bar.
- Disable the function from your Bluetooth device.
- Press and hold the ▶II/OK button on the remote control.

Listen to Music from Bluetooth® device

If your Bluetooth® device supports A2DP, play music via your device.

If your Bluetooth® device supports AVRCP, use the supplied remote control to control play.

1. Pair your device with the player.
2. Play music via your device (if it supports A2DP).
3. Use supplied remote control to control play (if it supports AVRCP).

▶II/OK	Start, pause or resume play
⏮/⏭	Skip to the previous or next track

Tips:

- The operational range between the Sound Bar and the device is approximately 8 metres.
- Before connecting a Bluetooth® device to the Sound Bar, ensure you know the device's capabilities.
- Compatibility with all Bluetooth® devices is not guaranteed.
- Any obstacle between the device and the Sound Bar can reduce operational range.
- Keep this player away from other electronic devices that may cause interference.
- The player will also be disconnected when your device is moved beyond the operational range.

11. Troubleshooting

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this Sound Bar, check the following points before requesting service.

Problem	Solution
No power	▪ Ensure that the AC cord of the apparatus is properly connected . ▪ Ensure that there is power at the AC outlet. ▪ Press ⏻ (standby) button to turn the Sound Bar on.
Remote control does not work	▪ Before you press any playback control button, first select the correct source. ▪ Reduce the distance between the remote control and the Sound Bar. ▪ Insert the battery with its polarities (+/—) aligned as indicated. ▪ Replace the battery. ▪ Aim the remote control directly at the sensor on the front of the Sound Bar.
No sound	▪ Make sure that the Sound Bar is not muted. Press MUTE or +/— (VOL) button to resume normal listening. ▪ Press ⏻ button on the Sound Bar or on the remote control to switch the Sound Bar to standby mode. Then press the ⏻ button again to switch the Sound Bar on. ▪ Unplug both the Sound Bar and the subwoofer from the mains socket, then plug them again. Switch on the Sound Bar. ▪ Ensure the audio setting of the input source (e.g. TV, game console, DVD player, etc.) is set to PCM or Dolby Digital mode while using digital (e.g. HDMI, OPTICAL) connection. ▪ The subwoofer is out of range, please move the subwoofer closer to the Sound Bar. Make sure the subwoofer is within 5 m of the Sound Bar (the closer the better). ▪ The Sound Bar may have lost connection with the subwoofer. Re-pair the units by following the steps on the section "**Pair up with the Subwoofer**". ▪ The Sound Bar may not be able to decode all digital audio formats from the input source.
TV has display problem while viewing HDR content from HDMI source.	▪ Some 4K HDR TVs require the HDMI input or picture settings to be set for HDR content reception. For further setup details on HDR display, please refer to the instruction manual of your TV.
I can't find the Bluetooth name of this Sound Bar on my Bluetooth device for Bluetooth pairing	▪ Ensure the Bluetooth function is activated on your Bluetooth device. ▪ Ensure you have paired the Sound Bar with your Bluetooth device. ▪ The Sound Bar has a Bluetooth® function that can receive a signal within 8 metres. Keep a distance within 8 metres between the Sound Bar and your Bluetooth® device.
This is a 15 mins power off function, one of the ERPII standard requirement for saving power	▪ When the unit's external input signal level is too low, the Sound Bar will be turned off automatically in 15 minutes. Please increase the volume level of your external device.

12. Specifications

Brand	Westinghouse
Model	WS512AWS

Sound Bar

Power Supply	AC 100-240V~ 50/60Hz
Power Consumption	45 W < 0.5 W (StandBy)
USB	5V ⎓ 500mA
Dimension (WxHxD)	39.37" x 2.56" x 3.78" (1000 x 65 x 95 mm)
Net weight	7.3 lbs (3.31 kg)
Audio input sensitivity	500mV
Frequency Response	140Hz - 20KHz

Subwoofer

Power Supply	AC 100-240V~ 50/60Hz
Power Consumption	20 W < 0.5 W (StandBy)
Dimension (WxHxD)	4.72" x 15.87" x 11.81" (120 x 403 x 300 mm)
Net weight	9.3 lbs (4.24 kg)
Frequency Response	45 - 140Hz

Wireless Specification

Bluetooth version / profiles Bluetooth frequency range Bluetooth Max. transmitting power	V 5.3 (A2DP, AVRCP) 2400 MHz ~ 2483.5 MHz ≤ 5 dBm
Wireless frequency range	2.4G: 2400MHz-2483.5MHz
Modulation Type	GFSK, π/4 DQPSK, 8-DPSK

Amplifier (RMS Output power)

Total	200 W
Sound Bar	20W x 7
Subwoofer	60W

Remote Control

Distance/Angle	19.7 feet (6m) / 30°
Battery type	AAA (1.5V x 2)

- Design and specifications are subject to change without notice.

13. Trademarks

Roku TV Ready
✓ Simple setup
✓ One remote
✓ Quick settings

Roku, the Roku logo, Roku TV, Roku TV Ready, and the Roku TV Ready logo are trademarks and/or registered trademarks of Roku, Inc.

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WARNING: This product can expose you to chemicals, including styrene, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

EN

FCC INFORMATION (for US customers)

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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced 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.

- Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

IC Notice: CAN ICES (B) / NMB (B)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Warning:

- This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- 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."

FR

Réglement de la FCC (pour les clients américains)

REMARQUE :

- Ce dispositif a été testé et déclaré conforme aux limites d'un dispositif numérique de classe B, conformément à la partie 15 des règles de la FCC.
  Ces limites ont pour but d'assurer une protection raisonnable contre le brouillage nuisible dans une installation résidentielle. Cet équipement produit, utilise et peut émettre de l'énergie en radio fréquence et, s'il n'est pas installé et utilisé conformément aux directives, il peut causer un brouillage nuisible dans les communications radio.
- Cependant, il n'est pas garanti que des interférences ne se produiront pas dans une installation particulière. Si cet appareil provoque des interférences nuisibles à la réception radio ou de télévision, ce qui peut être déterminé en mettant l'appareil hors tension, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'appareil et le récepteur.
- Brancher l'appareil à une prise sur un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio/TV expérimenté.

Cet appareil est conforme à la partie 15 des règles de la FCC. Son fonctionnement est soumis aux deux conditions suivantes :

(1) ce dispositif ne peut pas causer d'interférences nuisibles et
(2) cet appareil doit accepte r toute inter férence reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement.

- Des câbles blindés doivent être utilisés avec cet apparei l pour assurer la conformité avec les limites de la classe B de la FCC.fonctionnement de l'appareil.

Avis d'Industrie Canada: CAN ICES (B) / NMB (B)

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Avertissement :

- Pour rester en conformité avec les consignes d'exposition aux RF, placez le produit à au moins 20 cm des personnes proches.
- Les changements ou modifications de cet appareil non expressément approuvées par la partie responsable de la conformité pourraient annuler l'autorisation de l'utilisateur à utiliser l'équipement.

Westinghouse

Westinghouse.com

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Eastvale, CA USA

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