Wintal®

WSB11 Professional Sound Bar

User's Manual

IMPORTANT SAFETY INSTRUCTIONS

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

NOTICE! !

Thank you for purchasing our product.
To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.

CAUTION
RISK OF SHOCK

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols

The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

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

Voltage:
Voltages are 100-240V AC,50/60Hz.

1. Read Instructions - All the safety and operating instructions should be read before the soundbar is operated.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - All warnings on the sound bar and in the operating instructions should be adhered to.

4. Follow Instructions - All operating and use instructions should be followed.

5.To reduce the risk of electric shock or component damage, switch off the power before connecting other components to your Sound Bar.

6.Unplug the power cord before cleaning your sound bar. A damp cloth is sufficient for cleaning.Do not use a liquid or a spray cleaner on your sound bar.Do not use abrasive cleaner.

7.Always use the accessories recommended by the manufacturer to insure compatibility.

8.When moving your sound bar from an area of low temperature to an area of high temperature, condensation may form in the housing.Wait before turning on your sound bar to avoid causing fire,electric shock, or component damage.

7. Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of your sound bar and to protect it from overheating, be sure these openings are not blocked or covered. Do not place your sound bar in a bookcase or cabinet unless proper ventilation is provided.

8.A distance of at least 3 feet should be maintained between your sound bar and any heat source,such as a radiator, heater,oven, amplifier etc.Do not install your sound bar close to smoke.Operating your sound bar close to smoke or moisture may cause fire or electric shock.

9.Your sound bar AC/DC Adapters are equipped with a threepronged grounded plug(a plug with a third grounding pin). This plug will fit only into a grounded power outlet. This is a safety feature.If your outlet does not accommodate the threepronged, have an electrician install the correct outlet,or use an adapter to ground your sound bar safely.

10. Do not defeat the safety purpose of the grounded plug.

11. Protect the power cord from being walked on or pinched.

12. Never push any object into the slots and openings on

IMPORTANT SAFETY INSTRUCTIONS

Your sound bar enclosure. Do not place any objects on the top of your sound bar. Doing so could short circuit parts causing a fire or electric shock. Never spill liquids on your sound bar.

13. Your sound bar should be operated only from the type of power source indicated on the label on the AC/DC Adapters. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

14. Only power of the marked voltage can be used for your sound bar. Any other voltage than the specified voltage may cause fire or electric shock

15. The power cord must be replaced when using different voltage than the voltage specified. For more information, contact your dealer.

15. When connected to a power outlet, power is always flowing into your sound bar. To totally disconnect power, unplug the power cord.

15. Do not overload power strips and extension cords. Overloading can result in fire or electric shock.

18. The wall socket should be located near your sound bar and be easily accessible.

19. Do not touch the power cord during lightning. To avoid electric shock, avoid handling the power cord during electrical storms.

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

21. Unplug your sound bar during a lightning storm or when it will not be used for long periods of time. This will protect your sound bar from damage due to power surges.

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

22. Do not attempt to repair or service sound bar yourself. Opening or removing the front cover may expose you to high voltages, electric shock, and other hazards. If repair is required, contact your dealer and refer all servicing to

qualified service personnel.

23. Keep your sound bar away from moisture. Do not expose your sound bar to rain or moisture. If water penetrates into your sound bar, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.

24. Do not use your sound bar 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 sound bar yourself.

25. Avoid using dropped or damaged appliances. If your sound bar 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 sound bar may cause fire or electric shock.

26. Do not install your sound bar in an area with heavy dust or high humidity. Operating your sound bar in environments with heavy dust or high humidity may cause fire or electric shock.

27. Ensure that the power cord and any other cables are unplugged before moving your sound bar.

28. When unplugging your sound bar, 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 sound bar will not be used for an extended period of time, unplug the power cord.

29. To reduce risk of electric shock, do not touch the connector with wet hands.

30. Insert the remote control battery in accordance with instructions. Incorrect polarity may cause the battery to leak which can damage the remote control or injure the operator.

31. If any of the following occurs, contact the dealer:
The power cord fails or frays.
Liquid sprays or any object drops into your sound bar.
Sound bar is exposed to rain or other moisture.
Sound bar is dropped or damaged in any way.
The performance of your sound bar changes substantially..

Table of Contents

Features

100w Power Amplifier

Total 100 watts power(20Wx2+60W) for powerful sound.
20WX2 for sound bar, 60W for subwoofer.

Active Speaker System

This unit features an Active Speaker System that provides high sound quality in a single slim unit. This unit does not require any satellite loudspeakers or speaker cabling, which are normally associated with conventional surround sound systems.

Dolby Digital

This is the standard audio signal format used on DVDs and other purely digital media. This surround technology delivers high-quality digital audio of up to 5.1 discrete channels to produce a directional and more realistic effect.

HDMI

Enjoy high definition performance from HDMI (High Definition Multimedia Interface) devices such as Blu-ray Disc players, digital receivers, game consoles etc.

Wireless Subwoofer

Wintal's wireless module does away with cables running between the main unit and the subwoofer. Instead, the subwoofer connects to a compact wireless module that communicates with the main unit.

Touch Button

Touch sensitive capacitive front panel buttons. Ergonomic optical switches require no physical pressure to operate, eliminating the hand stress that can lead to repetitive-motion injuries.

DOLBY DIGITAL

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

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI,and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

Getting Started

Opening the Package

Your Sound Bar, Subwoofer and their accompanying accessories are carefully packed in two carton that has been designed to protect it from transportation damage. Once you have opened the carton, check that your Sound Bar is in good condition and that all of the contents are included.

IMPORTANT: Save the carton and packing material for future shipping.

Sound bar main unit

Warranty Card

AA,LR6,UM-3 batteries
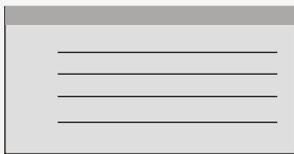
AA,LR6,UM-3 battery
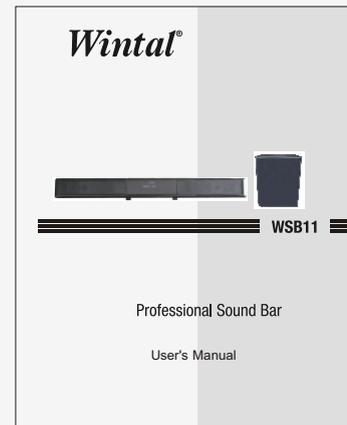
AA,LR6,UM-3 battery
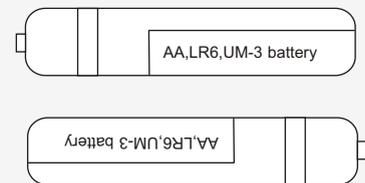
Adapter(with power cord)

One Remote Control

One User's Manual

Wintal®

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Wireless Subwoofer(in the subwoofer box)

Power cord (in the subwoofer box)

Installing batteries in the remote controller

Remote Control Operation Range

Since the remote control will be used for many of this unit's control operations, you should begin by installing the supplied batteries.

1.Turn the remote control over and open the battery compartment py pressing the release tab in the direction of the arrow and lifting the cover open.

2. Insert the batteries(AA,LR6,UM-3 TYPE) according to the polarity markings on the inside of the battery compartment.

3.Close the battery compartment cover.
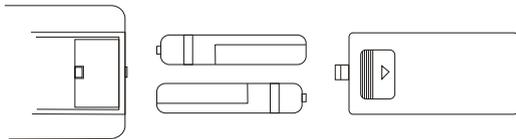
This remote control must use non chargable or chargable alkaline type batteries only.

Within approximately
6m(19.7feet)

30°   30°

Notes About the Remote Control
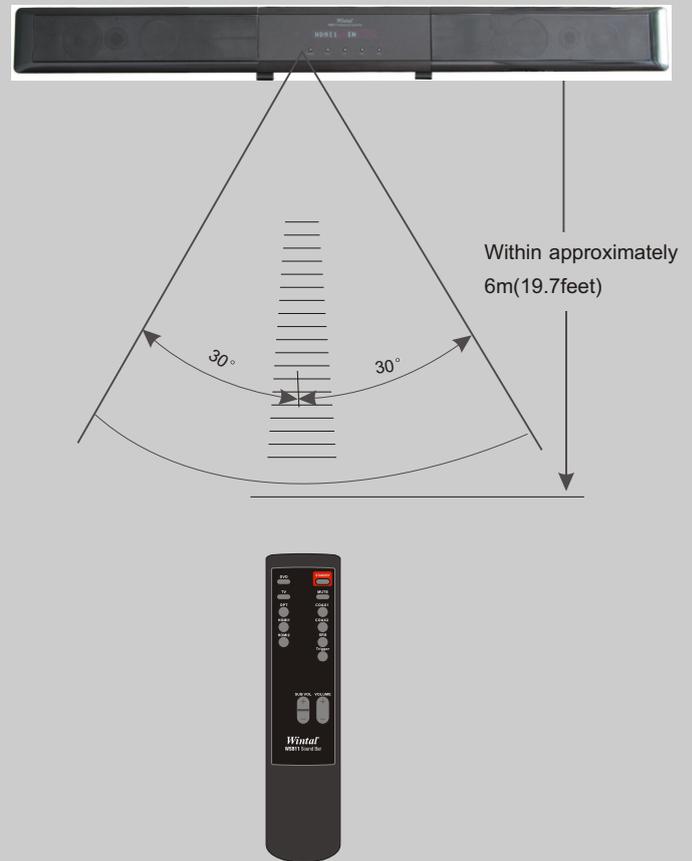
Battery Replacement
If you find that the remote control must be used closer to the main unit, the batteries are weak. Replace both batteries with new ones.

Notes
- Use AA,LR6,UM-3 batteries.
- Be sure the polarities are correct.(See the illustration inside the battery compartment.)
- Remove the batteries if the remote control is not used for an extended period of time.
- If batteries leak, dispose of them immediately. Avoid touching the leaked material and contact with clothing, etc. Clean the battery compartment thoroughly before installing new batteries.
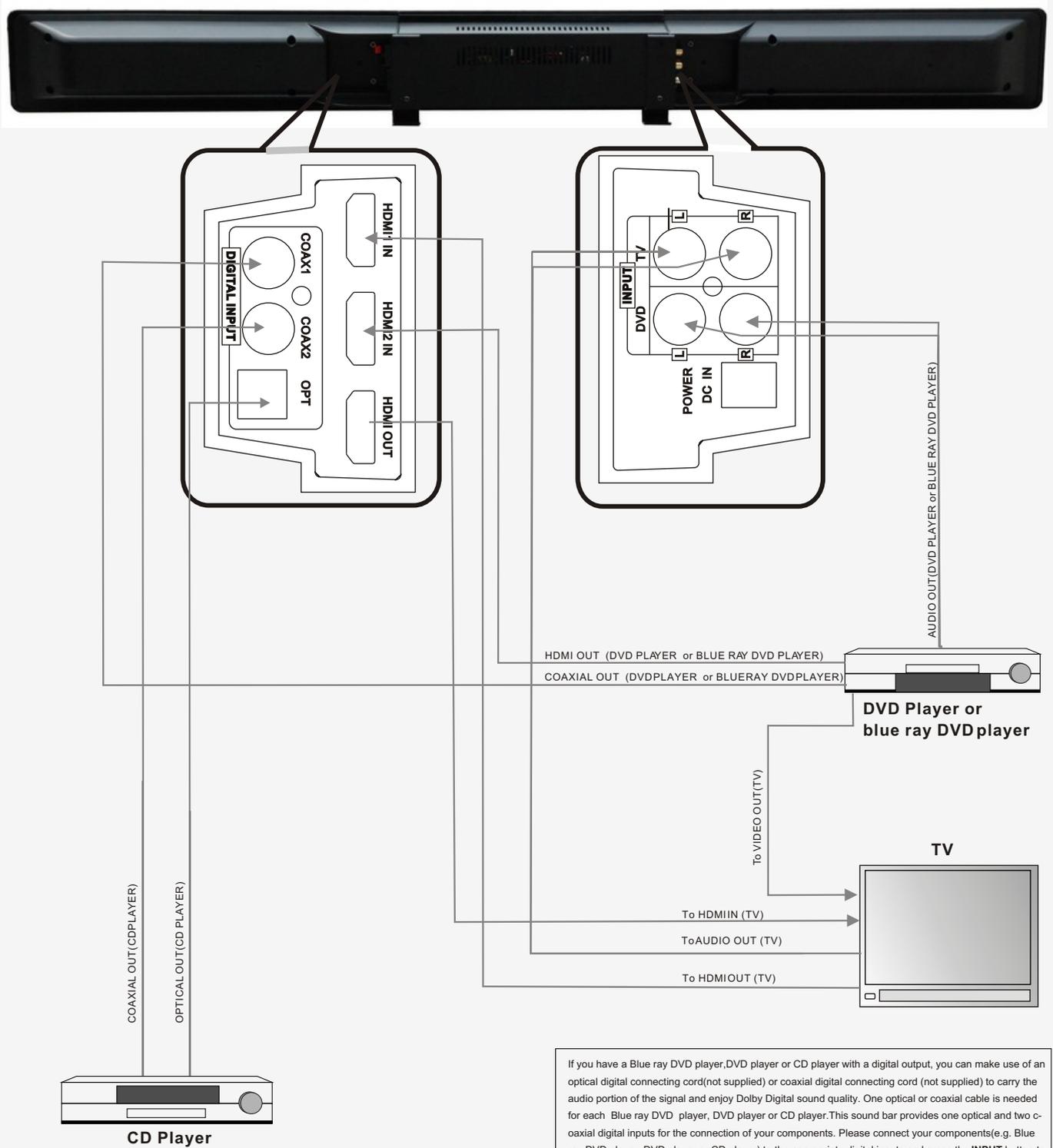
Notes
- The area between the remote control and the main unit must be clear of large obstacles.
- Do not expose the remote control sensor to strong lighting,in particular an inverter type fluorescent lamp.Otherwise,the remote control may not work properly. If necessary, position the main unit away from direct lighting.

Getting Started

Connecting to Audio-Visual Components

HDMI 1 IN

HDMI 2 IN

HDMI OUT

DIGITAL INPUT
COAX1
COAX2
OPT

INPUT
TV
DVD
L R
L R
POWER DC IN

AUDIO OUT(DVD PLAYER or BLUE RAY DVD PLAYER)

HDMI OUT (DVD PLAYER or BLUE RAY DVD PLAYER)

COAXIAL OUT (DVDPLAYER or BLUERAY DVDPLAYER)

**DVD Player or
blue ray DVD player**

To VIDEO OUT(TV)

TV

To HDMI IN (TV)

To AUDIO OUT (TV)

To HDMI OUT (TV)

COAXIAL OUT(CDPLAYER)

OPTICAL OUT(CD PLAYER)

CD Player

If your CD player is equipped with digital optical jacks, the use of optical cable is preferred.
What you need is just one more optical digital connecting cord(not supplied). Plug it in the
digital input jack of the sound bar and select OPTICAL.You can enjoy better sound quality
brought to you by the optical cable.
Note: This sound bar has one digital optical jack only. Be sure that this connection does
not prevent optical cable connection of other components.

If you have a Blue ray DVD player,DVD player or CD player with a digital output, you can make use of an
optical digital connecting cord(not supplied) or coaxial digital connecting cord (not supplied) to carry the
audio portion of the signal and enjoy Dolby Digital sound quality. One optical or coaxial cable is needed
for each Blue ray DVD player, DVD player or CD player.This sound bar provides one optical and two c-
oaxial digital inputs for the connection of your components. Please connect your components(e.g. Blue
ray DVD player, DVD player or CD player) to the appropriate digital inputs and press the **INPUT** button to
match your connection.
Note:
HDMI can carry audio and video signal, But optical and coaxial cables carry only the audio portion of the
signal. A video connection must also be established for an Blue ray DVD player and DVD player. Compo-
site video (yellow RCA connector) can also be used. It is important that the same type of cable (composi-
te) that is connected from Blue ray DVD player and DVD player to the TV .

Operating Your Sound Bar

Front Panel Introduction
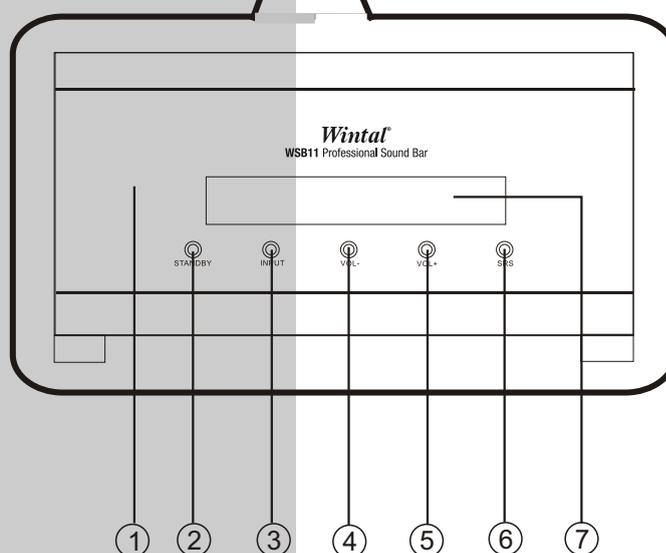
1.Remote control sensor
Receives signals from the remote control.

2.STANDBY
Press to turn your sound Bar on or standby mode.

3.INPUT
Press repeatedly to step through the input sources
in the following sequence:DVD,TV,OPTIC,COAXIAL1,
COAXIAL 2,HDMI 1,HDMI 2.

4.VOLUME -
Press to turn the sound bar volume down.

5.VOLUME +
Press to turn the sound bar volume up.

6.SRS
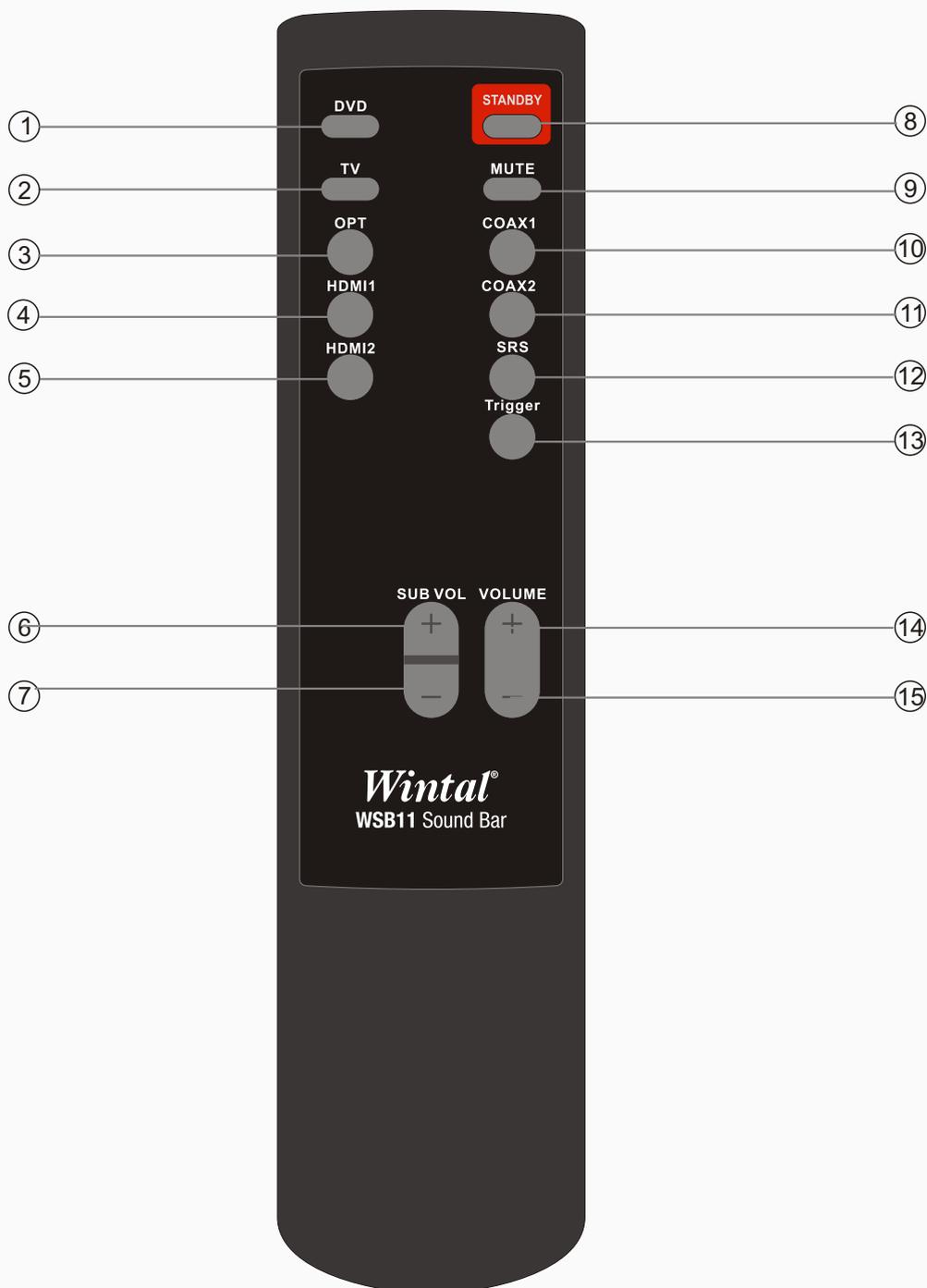Press to turn SRS on or off.

7.Display window
Displays a variety of information.(e.g. Sound bar volume,
Subwoofer volume, source etc.)

Operating Your Sound Bar

Overview of the remote control

1 — DVD
2 — TV
3 — OPT
4 — HDMI1
5 — HDMI2
6 — SUB VOL +
7 — SUB VOL −
8 — STANDBY
9 — MUTE
10 — COAX1
11 — COAX2
12 — SRS
13 — Trigger
14 — VOLUME +
15 — VOLUME −

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Remote Control Function

1.DVD

Select DVD audio input source.

2. TV

Select TV audio input source.

3. OPT

Select Optical audio input source.

4. HDMI 1

Select an HDMI 1 audio input source.

5. HDMI 2

Select an HDMI 2 audio input source.

6. SUB VOL +

Press to turn the subwoofer volume up.

7.SUB VOL -

Press to turn the subwoofer volume down.

8.POWER

Press to turn your Sound Bar on or standby mode.

9. MUTE

Press this button to mute the sound. Press again to restore the audio to the previous volume level.

10.COAX1

Select Coaxial 1 audio input source.

11. COAX2

Select Coaxial 2 audio input source.

12. SRS

Press to turn SRS on or off.

13. Trigger

Press this button to pair (or link) to your Sound Bar. Your sound Bar and subwoofer are not paired from the factory.

14.VOLUME +

Press to turn the sound bar volume up.

7.VOLUME -

Press to turn the sound bar volume down.

Operating Your Sound Bar

Rear Panel Introduction
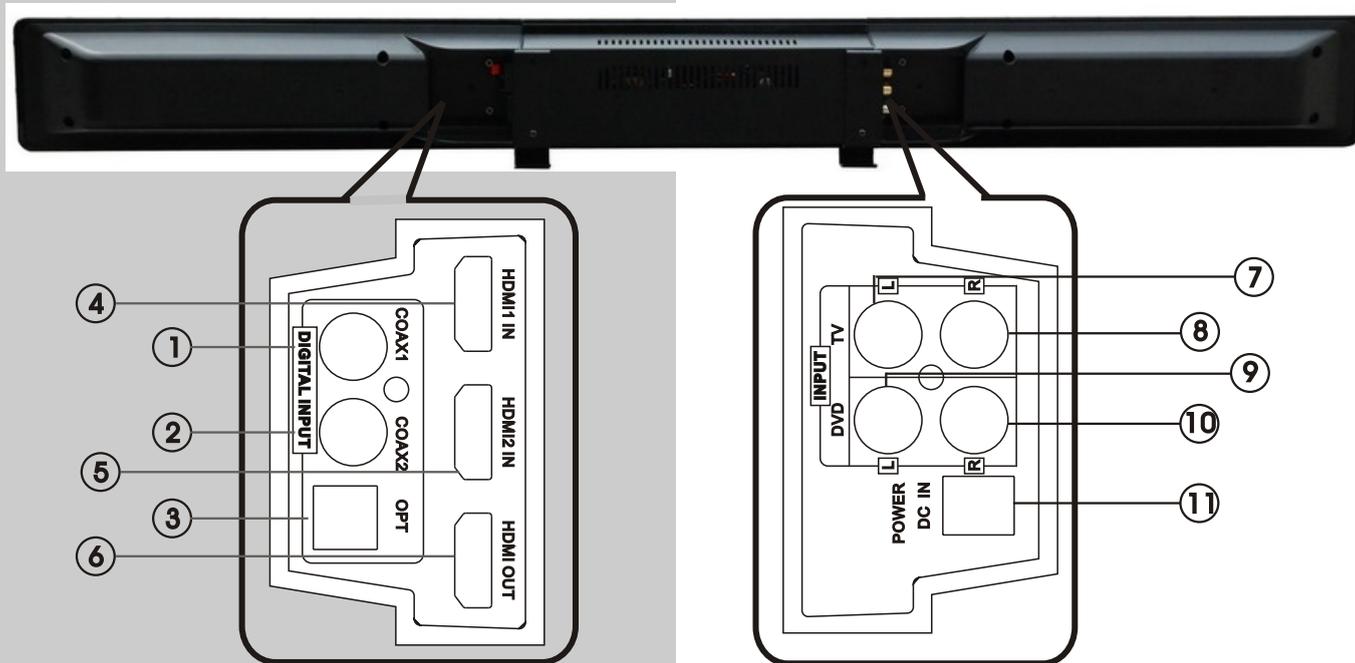
1.DIGITAL IN - COAXIAL 1
Coaxial 1 audio input jack.

2.DIGITAL IN - COAXIAL 2
Coaxial 2 audio input jack.

3.DIGITAL IN - OPTICAL
Optical audio input jack.

4.HDMI IN 1
HDMI 1 input jack.

5.HDMI IN 2
HDMI 2 input jack.

6.HDMI OUT
HDMI output jack.

7.TV IN , AUDIO L
TV AUDIO L input jack.

8.TV IN , AUDIO R
TV AUDIO R input jack.

9.DVD IN , AUDIO L
DVD AUDIO L input jack.

10.DVD IN , AUDIO R
DVD AUDIO R input jack.

11.DC IN .
Power supply jack.

Subwoofer Panel Introduction

Subwoofer Rear Panel Introduction

① ② ③

① ②

1.Power/Link indicator(behind the cloth grill)

Orange light up when this unit is in standby mode.

Green light up when this unit is working.

Orange is blinking quickly when the subwoofer the sound bar and are pairing. See Pairing on page 14 for more information on the pairing process.
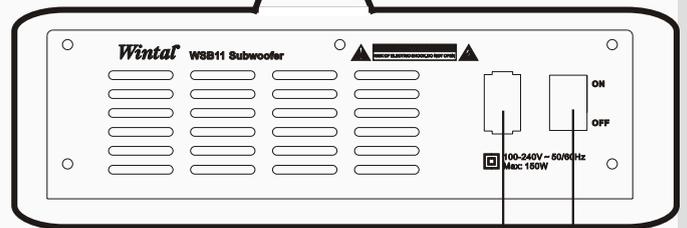
2.Remote control sensor(behind the cloth grill)

Receives signals from the remote control.

3.Wireless antenna(behind the cloth grill)

Receives wireless signals from the sound bar.

1.POWER CONNECTOR

AC 100-240V 50/60Hz power input inlet, Connect the power cable here.

2.POWER SWITCH

Press this switch to turn on the power. Press the switch again to turn off the power.
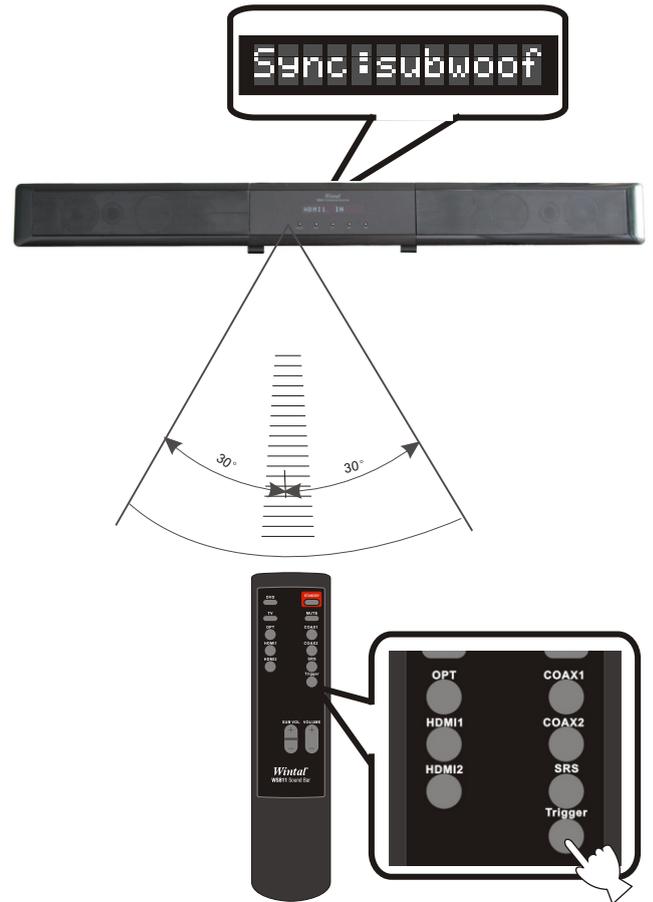
Operating Your Sound Bar

Connecting the wireless subwoofer

The Subwoofer's linking ID is not preset at the factory,So the sound bar and subwoofer must be link. Please set the ID by following the process below:

1.Plug the power codes of the sound bar and subwoofer into the AC power supply.

2.Press the **STANDBY** button(on the panel of the sound bar) to turn on the sound bar.Press the power switch(on the rear panel of the subwoofer) to turn on the subwoofer.

*3.*The remote control aim at the remote control sensor of the sound bar, press **Trigger** button on the remote control for 2 seconds.**Sybc:subwoof** is displayed on the the display of the sound bar.

4.The remote control aim at the remote control sensor of Subwoofer, press **Trigger** button on the remote control until to the LINK indicator (Orange LED) blinks quickly.

5.After 30 seconds,**Sybc:subwoofer** disappears on the display of the sound bar, green light on the subwoofer. The sound bar and the subwoofer are now linked (connected).

6.You can enjoy better sound from the wireless subwoofer.

Notes

- Before moving or installing the product, be sure to turn off the power and disconnect the power cord.
- If the sound bar is powered off, the wireless subwoofer will be in the standby mode after 15 minutes.
- If you use a device such as a wireless LAN Card,microwave oven, Bluetooth equipment, or any other device that uses the same frequency (2.4GHz) near the system,some sound interruption may be heard due to interference.
- The transmission distance of the wireless signal between the main unit and sub is about 32 feet, but may vary depending on your operating environment. If a steel-concrete or metallic wall is between main unit and the wireless subwoofer, the system may not operate at all, because the wireless signal cannot penetrate metal.
- If the main unit doesn't make wireless connection, follow steps 1-4 above to retry the connection between the main unit and wireless subwoofer.
- The wireless receiving antenna is built into the wireless subwoofer. Keep the unit away from water and moisture.
- For optimal listening performance,make sure that the area around the wireless subwoofer location is clear of any obstructions.

Functions Operating

Turning the power on/off

1. Touch **STANDBY** button on the front panel of sound bar.or Press **STANDBY** button on the remote control to turn on the power.
2. Touch **STANDBY** button on the front panel of sound bar.or Press **STANDBY** button on the remote control again to turn off the power.
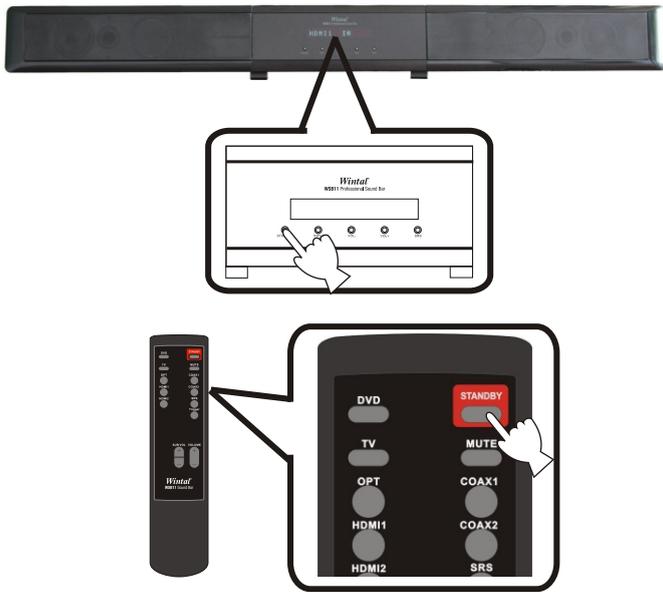
Adjusting SW volume

1.Press **SUB VOL +/-** buttons on the remote control to increase or decrease the subwoofer volume level.
2.The subwoofer volume level(**SW Vol +01)** appears in the front panel display.

Adjusting the volume

1.Touch **VOLUME+/-** buttons on the front panel of the sound bar.or Press **VOLUME +/-** buttons on the remote control to increase or decrease the volume level.
2.The volume level(**Music Vol 20**) will appears in the front panel display.

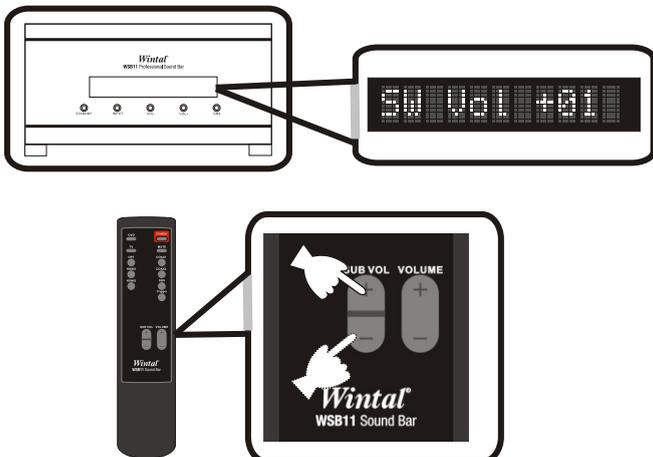### Turning the SRS mode on/off

1. Touch **SRS** button on the front panel of the sound bar.or Press **SRS** button on the remote control to turn the SRS mode on/off.
2.SRS mode state (SRS Mode:OFF or SRS Mode:ON) will appears in the front panel display.

Operating Your Sound Bar

Muting the sound

This is useful when answering a doorbell or telephone call.
1. Press **MUTE** button on the remote control to mute the sou-
nd. Press **MUTE** button on the remote control again (or press
VOLUME+/-) to restore the sound.
2.**Mute:ON** will appears in the front panel display.

Selecting the input mode

1.Touch **INPUT** button on the front panel of sound bar repea-
tedly .or Press direct source buttons on the remote control to
select the Digital or Audio input.
2.Source name(**DVD IN/TV IN/OPTIC IN/ COAX1IN/COAX2
IN/HDMI 1 IN/HDMI 2 IN**) selected appear in the front panel
display.
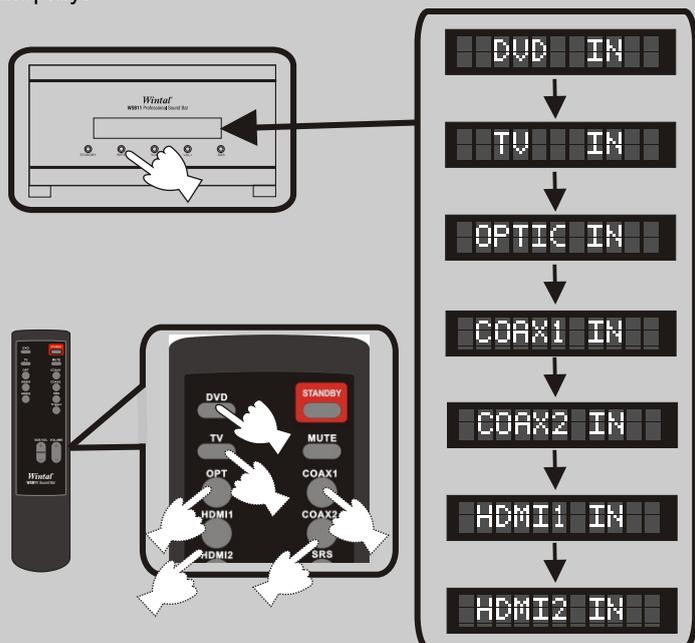
Refer to the chart below If this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, set this unit to the standby mode, disconnect the power cord, and contact the nearest authorised dealer or service centre.

General

Problem	Cause	Remedy
This unit fails to turn on when STANDBY/ON button is pressed, or enters in the standby mode soon after power has been turned on.	The power cord is not connected or the plug is not completely inserted.	Connect the power cord plug firmly into the power socket.
	This unit has been exposed to a strong external electric shock(such as lightning and strong static electricity.)	Set this unit in the standby mode. disconnect the power cord, plug it back in after 30 seconds, then use it normally.
No sound.	Incorrect input or output cable connections.	Connect the cables properly. If the problem persists, the cables may be defective.
	No appropriate input source has been selected.	Select an appropriate input source with the input selector buttons.
	The volume is turned down.	Turn up the volume.
	The sound is muted.	Press MUTE or any operation buttons of this unit to cancel the mute and adjust the volume.
	The input signals this unit is receiving from a source such as CD-ROM cannot be reproduced.	Play a source with signals that this unit can reproduce.
The sound suddenly goes off.	The sleep timer has turned the unit off.	Turn on the power, and play the source again.
	The sound is muted.	Press MUTE to cancel a mute.

Troubleshooting

Problem	Cause	Remedy
There is noise interference from digital or high-frequency equipment, or this unit.	This unit is too close to the digital or high-frequency equipment.	Move this unit further away from this equipment.
The picture is disturbed.	The video source uses scrambled or encoded signals to prevent dubbing.	
No picture to monitor,	Video signal is not inputed in correct source.	Change the cable
	Video cable is faulty	Change a connecting cable.

Subwoofer

Problem	Cause	Remedy
Power/Link indicator does not light up	The power cord is not connected or the plug is not completely inserted.	Connect the power cord plug firmly into the power socket.
	The power switch is off	Turn the power switch to on
NO sound from the subwoofer.	Tthe sound bar and subwoofer are not linked.	Link the sound bar and the Subwoofer.See *Pairing* on page 14 '**Cconnecting the wireless subwoofer**'
	Subwoofer volume is 00	Adjusting the subwoofer volume

Remote Control

Problem	Cause	Remedy
The remote control does not work nor function properly.	Wrong distance angle.	The remote control will function within a maximum range of 6 m(20 feet) and no more than 30 degrees offaxis from the front panel.
	Direct sunlight or lighting (from an inverter type of fluorescent lamp, etc.) is striking the remote control sensor of this unit.	Reposition this unit.
	The batteries are weak.	Replace all batteries.
	No batteries installed.	Install the batteries before attempting to operate the remote. Be sure to match the + and - ends of each battery to the symbols shown in the remote battery compartment.

Specifications

Amplifier
Sound Bar ....Integrated Class D @ 22 x 2 per channel w/1% THD
Subwoofer..60W x 1(4 Ohms)

Driver
Sound Bar ....Left and Right: Each channel one2.5" driver
Subwoofer..One 6.5' long throw (high excursion) driver

Frequency Response
Sound Bar...200Hz - 20KHz
Subwoofer... 35Hz - 200Hz

THD
Sound Bar 0.07%
Subwoofer... 0.1%

Signal to Noise Ratio
Sound Bar ....80dB A Weighting
Subwoofer..80dB A Weighting

Subwoofer Wireless Range...Up to 32 feet - Clear Line of Sight

Inputs ....2xHDMI, 2xCoaxial Digital Audio, 1x Optical Digital Audio (S/PDIF), 2x Stereo Audio

Outputs **1**xHDMI

Sound Pressure Level
Sound Bar ....100 dB SPL
Subwoofer... 95 dB SPL

Power Input
Sound Bar ....AC Power Brick with 6' power cable
Subwoofer...Integrated Power Supply on Subwoofer with 6' power cable

Voltage...100-240VAC, 50-60H

Dimensions
Sound Bar...1000mm(L)x65mm(D)x115mm(H)
Subwoofer...290mm(w)x290mm(D)x375mm(H)

NET
Sound Bar 2.5kg
Subwoofer.. 6.7kg

GROSS
Sound Bar 4kg
Subwoofer..7.8Kg

Specifications and features are subject to change without notice.

Wintal®

WSB11
Professional Sound Bar