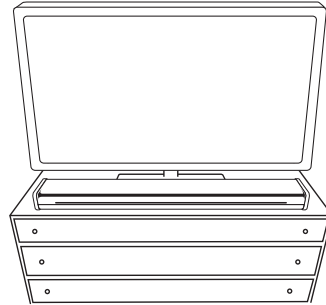# ZVOX SB500/SB700 Soundbar
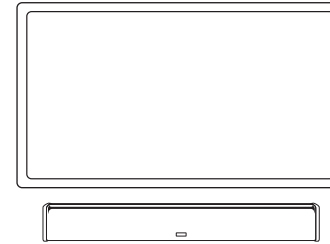
SETUP & OPERATION

Face Front   **Face Up**   **Wall Mount**

ZVOX®
Great Sound Made Simple

zvox.com

Important Safety Instructions

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with 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, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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

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

13. 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 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.

14. **Grounding or Polarization**–This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to purpose of the polarized plug.

15. **Ventilation**–Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

16. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

17. CLASS II apparatus with double insulation, and no protective earth provided.

18. **CAUTION:** Danger of explosion if the remote control battery is incorrectly replaced. Replace only with the same or equivalent type.

19. **WARNING:** The remote control battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

20. No naked flame sources, such as lighted candles, should be placed on the apparatus.
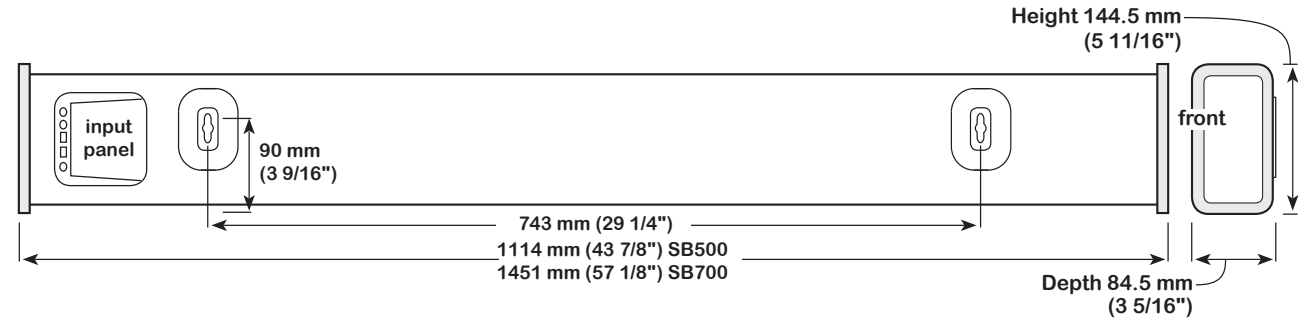
Disposing of this appliance

Electric and electronic appliances often contain valuable materials. These appliances may also contain materials essential for the correct functioning of your appliance which, if handled or disposed of incorrectly, could be hazardous to human health and to the environment. Therefore, please do not dispose of this appliance with your household waste. Dispose of it at your local community waste or recycling center, or contact your retailer for advice.

WARNING: Special Safety Warnings Regarding Placement of the ZVOX System and Other Equipment

Stable Placement. Do not place the ZVOX system on an unstable cart, stand, bracket or table. The ZVOX system may fall, causing serious injury to a child or adult and serious damage to the product. Do not use the ZVOX system on any unstable surface. The soundbar has two keyhole-shaped mounting locations on the back panel. These mounting sites will securely hold a screwhead that is no larger than 3/8" (10mm) in diameter. It is the installer's responsibility to confirm each mounting site used to support the the soundbar has an adequate weighthandling margin to support both the weight of the soundbar and extra weight that may inadvertently be applied as a result of a house-hold accident. Damage that may occur to the soundbar during or after the mounting process or any other installation activity is NOT covered under the terms of the ZVOX Audio limited warranty.

ZVOX Soundbar Dimensions

Height 144.5 mm
(5 11/16")

front

input panel

90 mm
(3 9/16")

743 mm (29 1/4")
1114 mm (43 7/8") SB500
1451 mm (57 1/8") SB700

Depth 84.5 mm
(3 5/16")

Guide to the Audio Signal Cables included with your ZVOX Soundbar

The soundbar includes two analog signal cables and one optical digital signal cable. It is likely one of these three cables can connect from your TV or cable/satellite set top box to the soundbar's digital or analog input.

In the rare instance your TV or cable/sat set top box has only an optical minijack audio output, an optical miniplug to standard optical plug cable is needed (not supplied with the ZVOX soundbar).

Audio cables supplied with the ZVOX SB500/700

standard optical plug
to
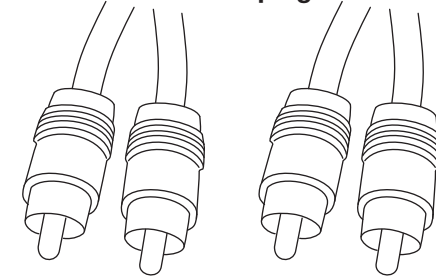standard optical plug
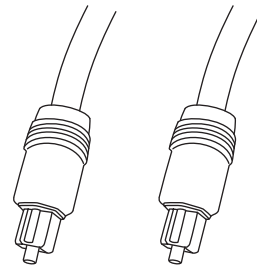
analog miniplug
to
left and right
RCA plugs
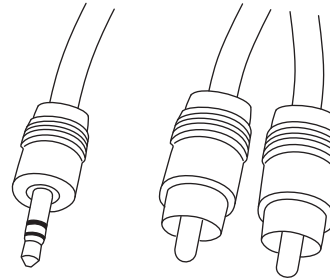
left and right
RCA plugs
to
left and right
RCA plugs

from TV or
set top box   to SB500/700

from TV or
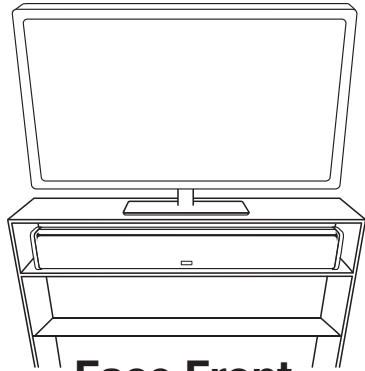set top box   to SB500/700

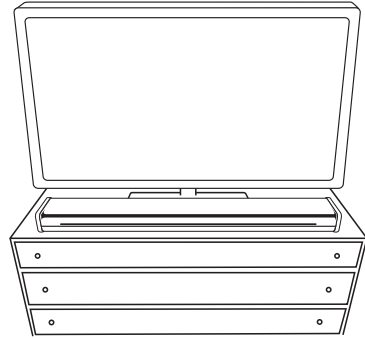from TV or
set top box   to SB500/700

Quick Setup Guide

The quick guide assumes an optical digital audio connection from your TV to the ZVOX speaker.
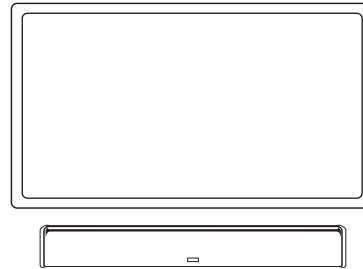
The ZVOX Soundbar Model SB500/SB700 is often referred to as the "ZVOX speaker", "Soundbar" or "SB500/SB700" in this User Manual.

Face Front

Face Up

Wall Mount

Soundbar Input Panel

RIGHT
ANALOG INPUT
LEFT ③

OPTICAL ①
DIGITAL INPUTS
OPTICAL ②

POWER ⊖-€-⊕ 15 VDC

DC Power Input

Connect first

Connect second

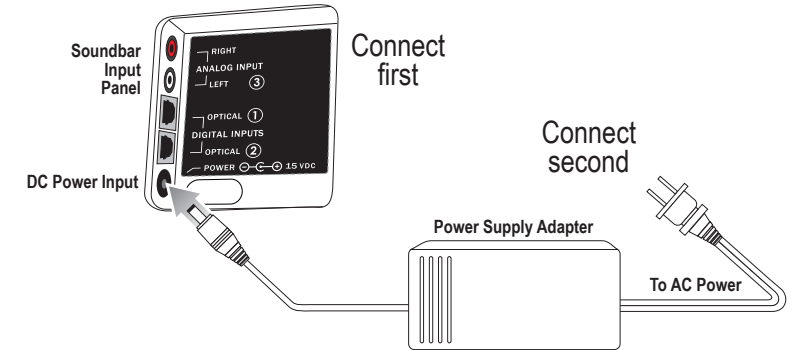**Power Supply Adapter**

To AC Power

1. Place The ZVOX Speaker

You can place the ZVOX speaker anywhere in front of your TV. It can also be placed on any level surface near the TV – above, below or to the left or right. It doesn't have to be centered in front of the TV. The ZVOX speaker performs best if it faces the people watching the TV.

The connections to the SB500/SB700 input panel are not affected by your choice of placement.

NOTE: The SB500/SB700 also has two keyhole-style slots on the back panel. With the additional owner-supplied hardware, these two attachment points allow "on wall" placement or secure attachment to a flat surface.

Refer to page 6 for help in choosing between the three placement options, Face Front, Face Up or Wall Mount.
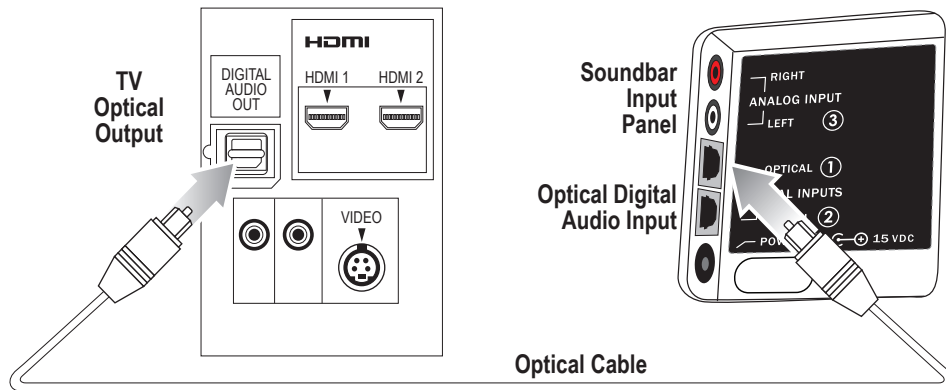
2. Connect The Power Cord To The ZVOX speaker

Connect the power cord to the power jack on the back of the ZVOX speaker.

Then connect the AC plug into an AC power receptacle. Don't turn the ZVOX speaker on just yet. The speaker will automatically turn on when power is applied.

3. Connect The Optical Signal Cable

Most TVs have an optical digital output jack (sometimes called ("TOSLINK") on the back. Connect one end of the supplied optical cable to this optical jack. Connect the other end of the optical cable to the optical jack inside the soundbar's input panel.

NOTES: If a protective plastic cover is attached to the end of the cable, please remove it before trying to insert the cable into the toslink connector on your TV.

The optical plug and jack are not square. Position the optical plug so it matches the orientation of the optical jack, then push the plug into the jack. You should hear and feel a "click" when the plug is correctly inserted into the optical jack.

If your TV does not have an optical connector, you can also connect the ZVOX speaker using an analog signal cable (also supplied). See instructions later in this manual.
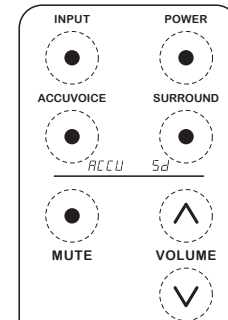
4. Turn down your TV's sound and turn on the ZVOX Speaker

Tune your TV to a program. Then use the TV remote to lower the sound coming from your TV until it is inaudible.

Using the ZVOX speaker remote control, press the POWER button to turn on the ZVOX speaker. You should be able to hear the TV sound from the ZVOX speaker. Use the volume buttons on the ZVOX speaker's remote control to set the volume to your preferred level. You are done!

If you don't hear sound, press the INPUT button on the soundbar until you see "InId" appear on the face of the soundbar. This indicates the optical digital input has been selected.

Note: Your TV will likely have a setting that allows you to shut off the internal speakers. Consult your TV's owners manual to utilize this feature.

Alternative Ways To Connect The ZVOX Soundbar

If your TV doesn't have an optical output, here are some other options:

a

b
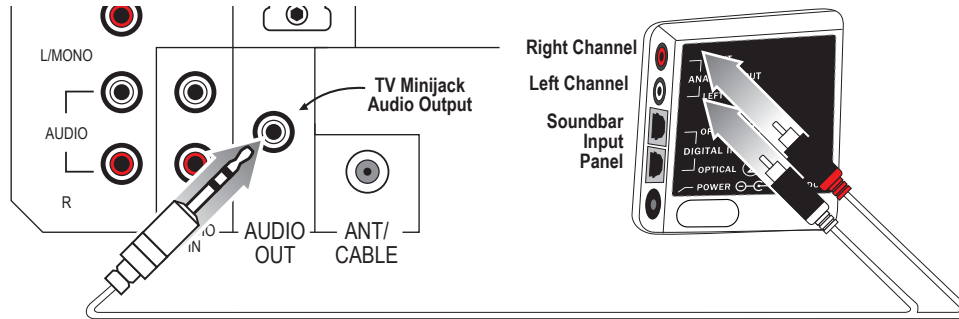
Minijack Analog Audio Out

Many TVs have an audio output minijack (sometimes labeled "3.5mm") or headphone jack. Use the supplied "analog miniplug to left and right RCA plugs" cable for this connection. Insert the minplug end of the cable into the TV's audio out minijack. Insert the red and white RCA plugs at the other end of the cable into the soundbar's red and white RCA jacks labeled "ANALOG INPUT".

Once you have connected the cable to the ZVOX speaker, follow step 4 on page 3 of this manual. After you have turned on the ZVOX speaker, press the INPUT button on the ZVOX speaker remote control until you see "In3A"appear. This is the red/white RCA jacks input.

Volume Adjustment Note: A headphone jack's output always responds to the TV's remote control. Use your TV's remote control to set the TV volume indication to about 40% or higher. If the Soundbar volume needs to be higher than level 15 to produce desired results, turn up the TV volume. Then use the ZVOX remote control to adjust the volume level. Do not use your TV remote to adjust volume.
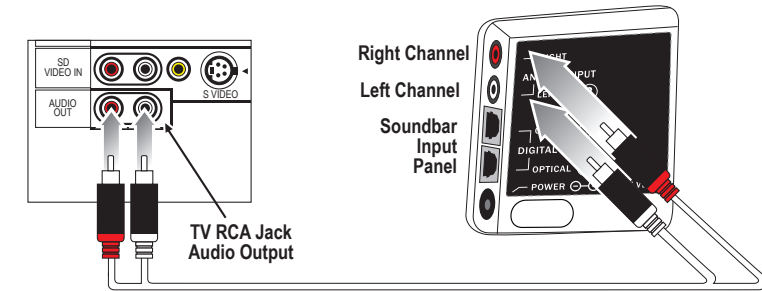
Red and White RCA Jack Analog Audio Out

Some TVs use red/white RCA jacks for the analog audio output. Be sure to locate red and white jacks on the TV marked "OUTPUT" (not "INPUT"). Next, identify the supplied analog cable with red and white RCA plugs at each end (see page 3 for guidance).

Make The Connection

Insert the red and white plugs at one end of the cable into the red and white RCA jacks on the TV labeled "OUT". Insert the red and white RCA plugs at the other end of the cable into the soundbars's red and white RCA jacks labeled "ANALOG INPUT".

Once you have connected the analog signal cable to the ZVOX speaker, follow step 4 on page 3. After you have turned on the ZVOX speaker, press the INPUT button on the ZVOX speaker remote control until you see "In3A"appear. This is the red/white RCA jacks input.

See **Volume Adjustment Note** at the end of the first column.

C

S-Video Out
Composite Video Out
Y
Coax Digital Audio Out
Audio Out Left
Component Video Pb Out
Audio Out Right
Pr

Back of Cable/Sat Set Top Box

RED

Right Channel
Left Channel
Soundbar Input Panel
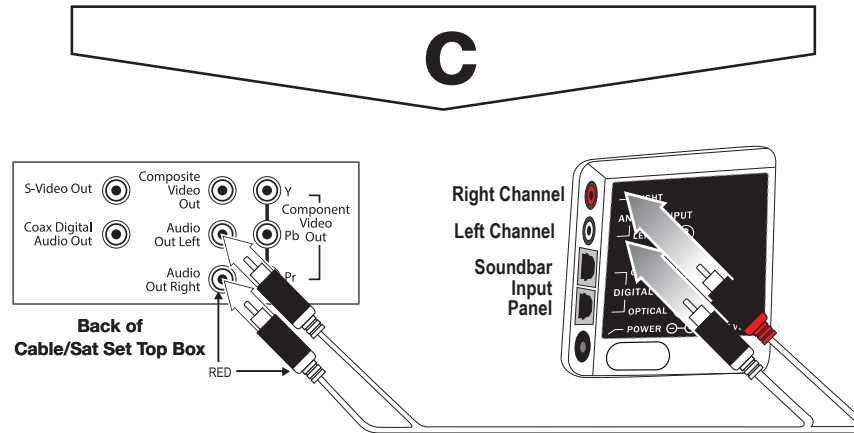
Connect To Your Cable Or Satellite TV Set Top Box

If your TV's audio output is inaccessible (on a wall-mounted TV, for instance) or unavailable, you can connect the audio output of your cable or satellite set top box to the ZVOX speaker. Most set top boxes have an "audio output", in addition to the HDMI output intended for use with the TV.
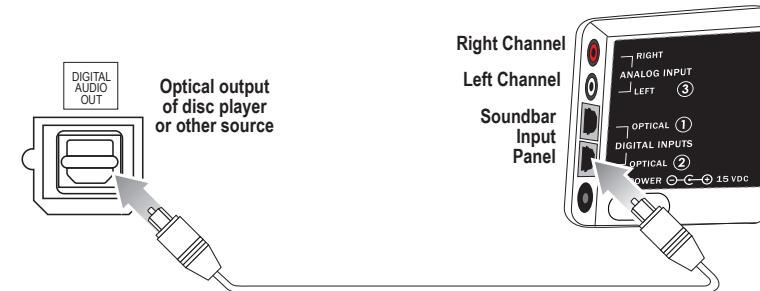
To connect between the cable box red and white jacks and the ZVOX speaker, identify the cable supplied with the soundbar that has a red and white RCA plugs at each end. Refer to page 3 to help with cable indentification.

Follow the "Make The Connection" instructions in the previous column.

Notes: Many cable/Satellite boxes also have digital/optical outputs. This is also an option for connection to your Set Top Box.

Do not use your cable remote to adjust volume from the ZVOX speaker. Use the cable remote to set the indicated TV volume at about 40% of its range. Then use the ZVOX remote control to adjust volume from the ZVOX speaker.

The SB500/SB700's Second Digital Input Feature

DIGITAL AUDIO OUT

Optical output of disc player or other source

Right Channel
Left Channel
Soundbar Input Panel

The optical audio output of a second audio source (like a Bluray/DVD player or many portable audio players) can be connected to Optical Input 2 on the soundbar. A source connected to this input can be heard by pressing the INPUT button on the remote control until you see In2d on the SB500/SB700 soundbar's display.

If You Have A Coaxial Digital Audio Signal Source:

This ZVOX Audio soundbar does not have a coaxial-format digital audio input. A coaxial digital to optical digital audio converter OR a coaxial digital to stereo analog audio converter should be used. Contact ZVOX Audio at info@zvoxaudio.com to learn what suitable audio converters are available.
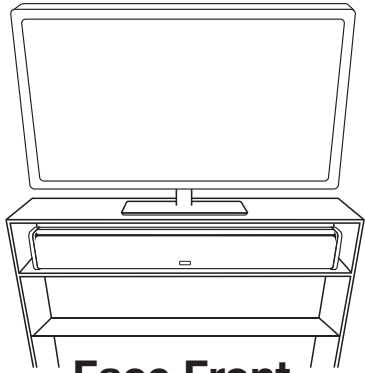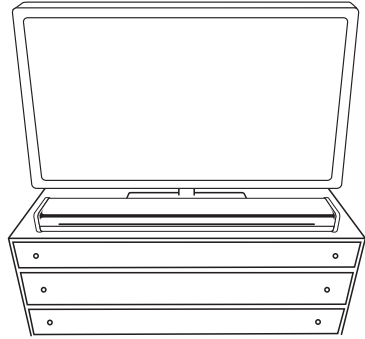
Face Front   **Face Up**   **Wall Mount**

Soundbar Placement

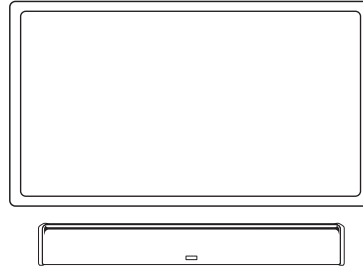You can place the soundbar on any flat, stable surface near your TV. There are three general placement options, illustrated above:

Face Front: You can place the soundbar on a flat surface so it faces forward. This placement is ideal for a shelf below, above or near the television.

Face Up: You can place the soundbar facing up—often in front of the television. The bottom of the soundbar should face the listening area. Check to ensure the soundbar does not block the television infrared remote sensor. There should be no shelf or flat surface immediately above the soundbar in this configuration.

Wall Mount: The soundbar has two sturdy keyhole-shaped hanger mounts on the back panel. With the additional owner-supplied hardware, these two attachment points allow "on wall" placement or secure attachment to a flat surface.

Precautions

• A safe, secure installation is the soundbar owner's responsibility.

• Do not place any objects on top of a soundbar.

• Consider the finish of the surface that will support the soundbar. It is the soundbar owner's responsibility to insure that a surface finish that contacts the soundbar is protected, should this be a concern of the soundbar owner.

The contact area on the soundbar is made of inert synthetic materials that typically do not react with furniture or wall finishes. But any wall or surface finish can be altered by having a heavy object resting on it for a long period of time. Place an appropriate barrier between any surface and the soundbar if you are concerned about the finish of the supporting surface.

• Use an unswitched AC outlet to provide power to a soundbar. With the soundbar's Auto Standby feature turned on, an soundbar will enter its Standby state on or before 30 minutes of inactivity. A soundbar uses less than 0.5 watt in Standby. Using a switched AC outlet to cut off AC power to a soundbar system is not recommended. It delays subsequent turn-on.

Soundbar Wall Mounting Information

The soundbar has two keyhole mounting sites on its back panel. You can mount the soundbar onto two screwheads using these mounting sites. A ZVOX Audio soundbar weighs between 15 and 20 pounds. NOTE: It is the installer's responsibility to ensure the screws are installed into the wall or other surface securely and that the screwheads are the correct size for the hanger mounts on the rear of the soundbar. ZVOX Audio recommends your mounting sites be able to support at least twice the weight of the soundbar.

Button Functions on the ZVOX Remote Control
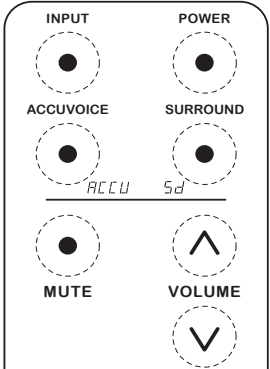
Input Selection

Press the INPUT button on the ZVOX remote to select between the speaker's input modes.

The Input Selection Sequence:

Optical digital — IN1d

Optical digital — IN2d

RCA Analog minjack — In3A

In 1d

In2d

In3A

Volume

These appropriately named buttons control the volume.

Power

The Power button switches the ZVOX speaker between STANDBY and On.

Note: The ZVOX soundbar will also enter STANDBY if it receives no audio signal for approximately 30 minutes. A command from a remote control or a restored audio signal will turn it back on.

Mute

Press this button to mute the ZVOX speaker. When the MUTE function is active, the display blinks "-00-".

The soundbar will enter Standby if it is left in MUTE for longer than five minutes.

-00-

Surround Settings

There are three SURROUND levels:

• Surround One ("Sd 1") has low virtual surround effect and strong vocals. Use this setting if vocal clarity is important to you.

• Surround Two ("Sd 2") has moderate virtual surround effect and moderate vocals. This is the recommended setting for general TV programs.

• Surround Three ("Sd 3") has strong virtual surround effect and moderate vocals. Many people prefer this setting when watching movies.

Sd 1

Sd 2

Sd 3

AccuVoice

Press the AccuVoice button to select the AccuVoice function. Additional presses of the AccuVoice button allow you to select increasing levels of voice enhancement. There are six levels of increasing voice enhancement, starting with AC 1 going up to AC 6. The setting you select remains the default AccuVoice setting until you decide to change it.

AC 1 → UP TO → AC 6

Other Settings Button

The **Other Settings** button allows Bass and Treble adjustment and turns Output Leveling On and Off.

1) Bass Adjustment: The first press of the Other Settings button displays the current Bass setting. The range of bass adjustment goes from LO 4 to LO-6 (This display is shorthand for Lows plus 4 and Lows minus 6). Use the volume buttons to adjust the bass output across this range. Then wait for the adjustment display to turn off.

2) Treble Adjustment: A second press of the Other Settings button displays the current Treble setting. (The range of treble adjustment is HI 4 to HI-4. That is shorthand for Highs plus 4 and Highs minus 4). Use the volume buttons to adjust the bass output across this range. Then wait for the adjustment display to turn off.

3) Output Leveling: A third press of the Other Settings button displays the Output Leveling feature. The display will be either OL (Output Leveling engaged) or noOL (Output Leveling off). Use the volume buttons to turn Output Leveling on or off. Then wait for the adjustment display to turn off.

When engaged, Output Leveling prevents large swings in volume. It also reduces volume differences between TV channels on cable or satellite systems.

A fourth press of the Other Settings button returns you to the current volume setting and exits Other Settings adjustment.

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OTHER
SETTINGS (PS)

Treble set at 1

HI 1

Bass set at -2

LO - 2

Output Leveling On

OL
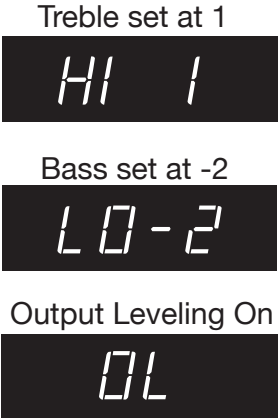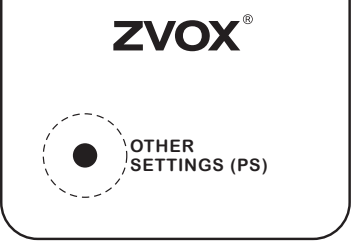
End Panel Controls on the Soundbar

On the viewer's right end of the soundbar are four buttons.

A) POWER button:

This button turns the soundbar "ON" if it is in Standby. If this button pressed briefly while the soundbar is "ON", it will mute and unmute the soundbar. To turn off the soundbar, press and hold down this button for about five seconds.

B) Volume Up/Down rocker button:

Adjusts volume up and down. Pressing either side of this button will "unmute" the speaker if it is muted.

C) Input button:

A brief press and release of the INPUT button selects the next input in sequence.

Tonal Profile Setting

The soundbar has three settings to better match the acoustics of its room position.

Face Front......... PS16 - on a flat surface, facing front.

Face Up............. PS17 - on a flat surface, facing up.

Wall mount........ PS18 - on a vertical surface, facing into the room.

The default setting for the soundbar is Face Front.

If your soundbar's position is Face Up or Wall mount, you should select PS17 or PS18 from the PS menu.

PS Menu operation: You bring up the PS menu by pressing down on two buttons on the end panel of the soundbar:

Power (⏻) and Volume Up (+). After about five to seven seconds, you should see PS start flashing. The first time you bring up the PS menu, it should show "PS 0".

Once you see the PS display, release the buttons. Then press and release the Volume Up button to increase the PS number. Continue pressing and releasing the Volume Up button until you reach the setting you want: PS16, PS17 or PS18.

For further information about the options provided by the PS menu, see the separate information sheet Soundbar Adjustment Options, available online at ZVOX Audio's website.

A

B

C
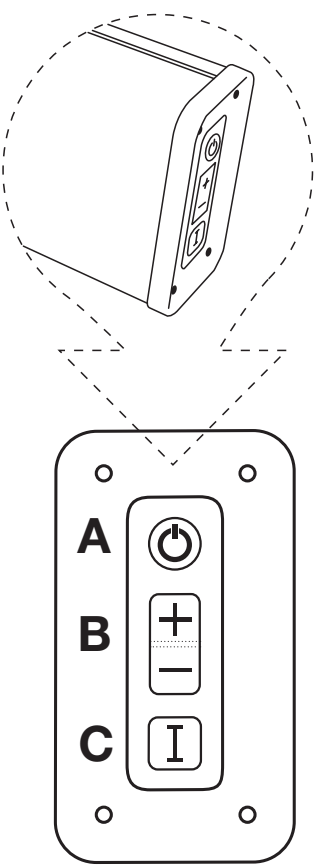
6. Connecting a Powered Subwoofer to the Soundbar

The ZVOX Audio soundbar has a monaural Subwoofer Output (a single RCA jack). You can connect this signal output to the input of a powered subwoofer for stronger and deeper bass output than what is available from the soundbar alone. For best results, the powered subwoofer should have both volume and low-pass adjustments. Low-pass sets the upper frequency limit of the powered subwoofer.
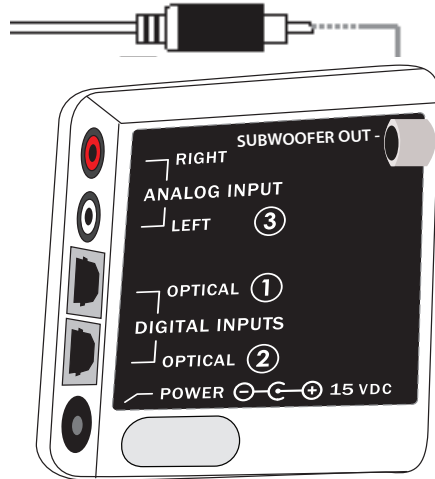
Connect the Subwoofer Output on the soundbar to the powered subwoofer's designated monaural input.

Refer to Step 5 for a description of how to adjust the PS Menu on the Soundbar. Once the powered subwoofer is connected to the soundbar, use the PS Menu on the soundbar to select PS31. This stops the soundbar from playing deep bass, which can be produced by the powered subwoofer. PS30 on the PS Menu restores deep bass output to the soundbar.

After setting the soundbar to PS31, the low-pass setting on the powered subwoofer should be set to 85 Hz.

With the soundbar and powered subwoofer connected, the output level of the powered subwoofer should be adjusted for best blend with the ZVOX Audio soundbar. A popular music recording with consistent bass output is a good choice for this step.

For further information about the options provided by the PS menu, see the separate information sheet Soundbar Adjustment Options, available online at ZVOX Audio's website.

Manual On/Off Operation

As delivered, the soundbar turns ON and OFF automatically in response to the audio signals from the TV and the POWER button on the remote control. If you do not want the soundbar to automatically turn on and off in response to the TV's audio signal, the soundbar can also be configured so it only responds to the remote control POWER button.

The POWER button on the ZVOX remote control allows you to switch between Auto On/Off and Manual On/Off modes. To switch modes, first make sure the soundbar is "ON". Then press and hold down the POWER button for five seconds. When you see noAS appear on the display, release the POWER button. noAS indicates that Manual On/Off mode has been selected. To switch back to Auto On/off mode, press and hold down the POWER button for five seconds again. Release the POWER button when you see AS appear on the display. AS indicates that the Auto On/Off mode has been selected.

Controlling the AccuVoice TV Speaker With Another Remote

The OTHER SETTINGS button can be used to adjust the soundbar so it responds to one of many cable, satellite or TV remote controls. Visit www.zvoxaudio.com for guidance regarding this "works with your preferred remote" feature.

The supplied ZVOX remote control will always adjust the soundbar, even if one also uses his or her preferred TV remote to control VOLUME, MUTE and POWER on the AccuVoice TV Speaker Model

Infrared Sensor Window
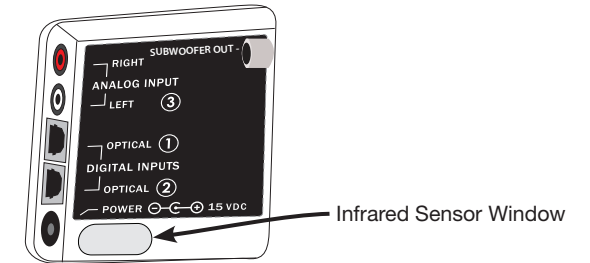
Input Panel Infrared Sensor

The soundbar features an input panel infrared sensor. This sensor allows a wired infrared emitter positioned in the input panel recess to control the soundbars's operation .

STILL NEED ASSISTANCE? If your TV is not the same as the descriptions in this guide, don't hesitate to send an inquiry to info@zvoxaudio.com or call ZVOX Audio at (866) 367-9869. Please provide your TV brand and model number. A ZVOX Audio representative should be available (Eastern Time Zone) 9:30 AM to 7:30 PM Monday through Friday and 10:30 AM to 5:30 PM on Saturday. For further information about additional options, please refer to the ZVOX Audio website, www.zvoxaudio.com.

USA Warranty

For warranty information applicable to an SB500/SB700, please visit this webpage: https://zvox.com/pages/warranty-returns

ZVOX®

Great Sound Made Simple

SB500/700 12/10 4005001