

# ZVOX AccuVoice TV Speaker

## MODEL AV157 | SETUP & OPERATION

# Important Safety Instructions

## READ THIS FIRST

### Important Safety Instructions For ZVOX Audio System

#### WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS.

#### CAUTION

RISK OF ELECTRICAL SHOCK, DO NOT OPEN

Warning: To reduce the risk of electrical shock, do not remove cover (or back) – no serviceable parts inside. Refer servicing to qualified service personnel.



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.



This 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 to constitute a risk of electrical shock to persons.

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.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when



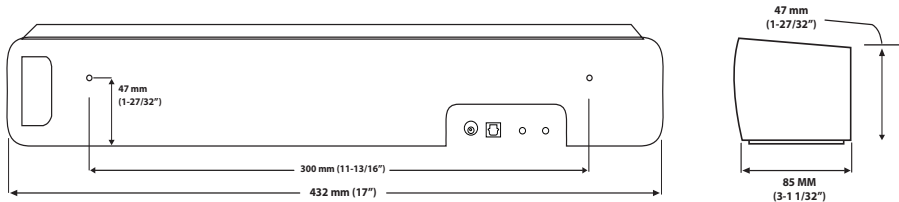
#### Disposing of this appliance

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.

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.

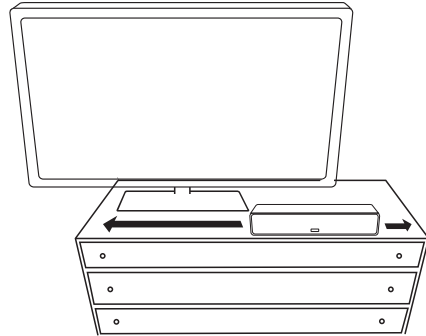
15. **Grounding or Polarization**—This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
16. **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.
17. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
18. CLASS II apparatus with double insulation, and no protective earth provided.
19. **CAUTION:** Danger of explosion if the remote control battery is incorrectly replaced. Replace only with the same or equivalent type.
20. **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.
21. No naked flame sources, such as lighted candles, should be placed on the apparatus.

#### AccuVoice TV Speaker Model AV157 Dimensions



# Quick Setup Guide

(This quick setup guide applies the optical digital audio connection (A) as the primary example. This is the most common audio output on modern TVs  
Follow instructions (A, B, C, or D) according to the available TV audio out jacks on your TV.

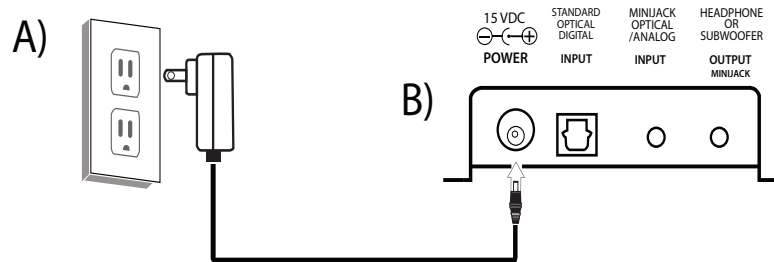


## 1. Position & Power ZVOX AV157 TV Speaker

**NOTE:** For brevity, the ZVOX AccuVoice TV Speaker Model AV157 is often referred to as the “ZVOX speaker” or “AV157” in this User Manual.

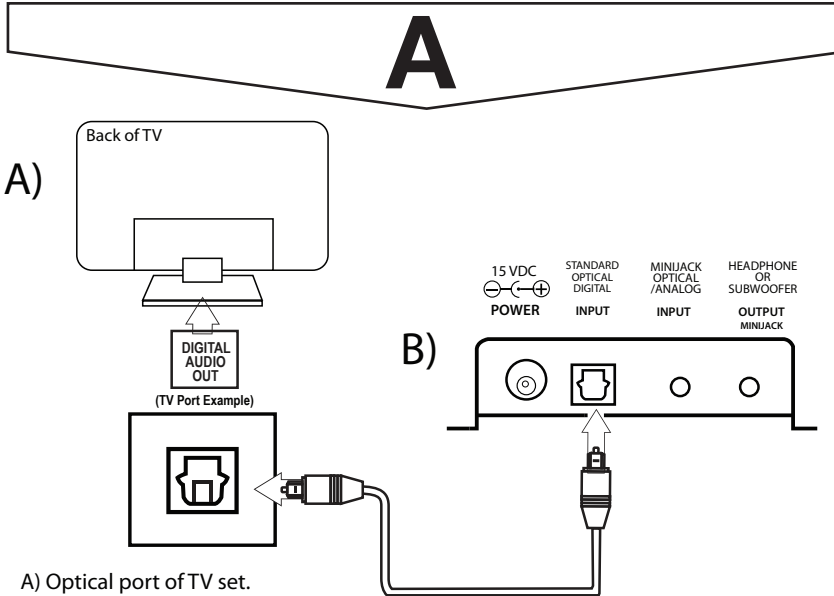
Note: Only one of three audio cables and one power cable is needed for the setup.

Position the AV157 on any level surface near the TV and connect the power cord to the power jack on the back of ZVOX, then connect the AC plug into an AC power outlet.



A) AC Power Outlet.

B) Power receptacle of ZVOX sound bar.



A) Optical port of TV set.

B) Input panel of ZVOX sound bar.

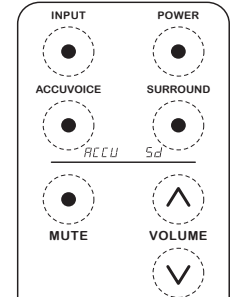
## 2. Connect The Optical Signal Cable

Most TVs have an optical digital output jack sometimes labelled “SPDIF or TOSLINK” located on the side or back panel of the TV. (A)

**NOTE: Be aware** the optical cable and jack are not exactly square. Similar to a puzzle piece, position the optical cable end so it matches the orientation of the optical jack then push the cable into the jack. You should hear and/or feel a “click” when the cable is correctly inserted into the optical jack.

Connect one end of the supplied optical signal cable to the TV's optical jack (A), then connect the opposite end of the optical signal cable to the optical jack on the ZVOX speaker labelled Standard Optical digital input 1D (B).

**NOTE:** If the TV does not have an optical connection or its too difficult you can also connect the ZVOX speaker using one of the alternative setup options. See instructions B, C or D on page 4.



## 3. Disable TV's Sound & Turn On The AV157

Tune your TV to a program, then use the original TV remote to access the TV's Home Menu -> Options or Settings -> Sound or Audio -> Speaker List or Sound Out -> Select the Audio System, External Speaker, or Optical Audio Out option. **Note:** Menu list varies based on TV's year and make, see TV's owners manual.

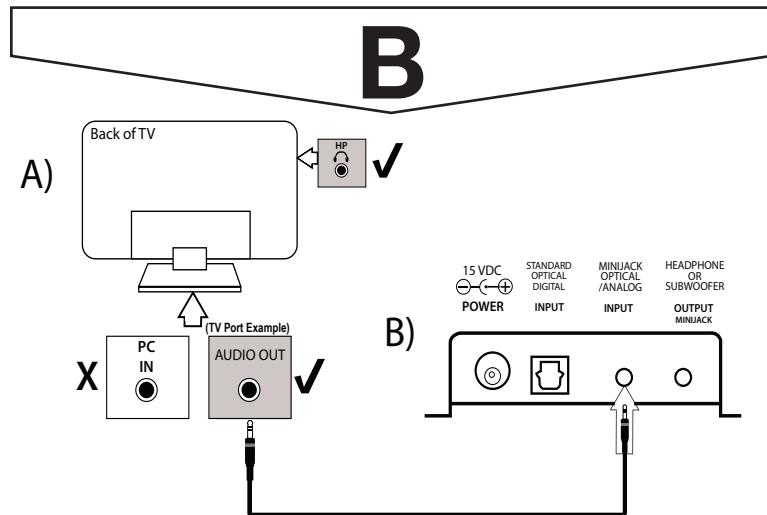
**Note:** Not all TVs list this adjustment choice, if your TV does not simply turn the main TV volume to zero and continue using the ZVOX remote to control the volume.

Using the ZVOX AV157 remote, tap the POWER button to turn On the ZVOX speaker. You may hear sound if not tap the INPUT button on the AV157 remote until “InId” appears on the face of the AV157. This indicates the optical digital input has been selected.

You should be able to hear the ZVOX speakers sound, use the volume buttons on the ZVOX remote to set the volume to your preferred level. Done

# Alternative Ways To Connect The AccuVoice TV Speaker Model AV157

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



## 3.5 mm to 3.5 mm Miniplug Analog Stereo cable

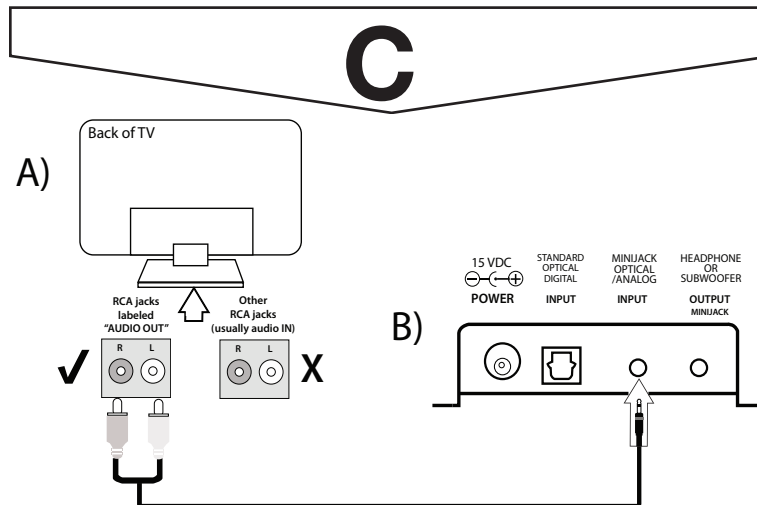
Many TVs have a headphone audio out minijack sometimes labeled "Audio Out" or "HP" not PC IN. (A)

Insert one end of the supplied analog 3.5mm miniplug to 3.5mm miniplug cable into the TV's headphone audio out minijack. (A) Insert the opposite end of the cable into the ZVOX speaker input jack labeled MINIJACK ANALOG INPUT. (B)

Once the mini analog stereo cable is completely connected it will be important to keep the TV's main volume above 50% and continue using the ZVOX remote for volume control, if not it may cause a weak enough audio signal and shut off the ZVOX speaker.

If you have yet to hear sound tap the INPUT button on the ZVOX speaker remote until "In2A" appears on the ZVOX display, this selects the analog minijack input. Done

**Note:** Maintain the main TV's volume above 50% and continue using the ZVOX remote for volume control, if neglected it may cause a weak enough audio signal causing the auto shut off to react. See page 7



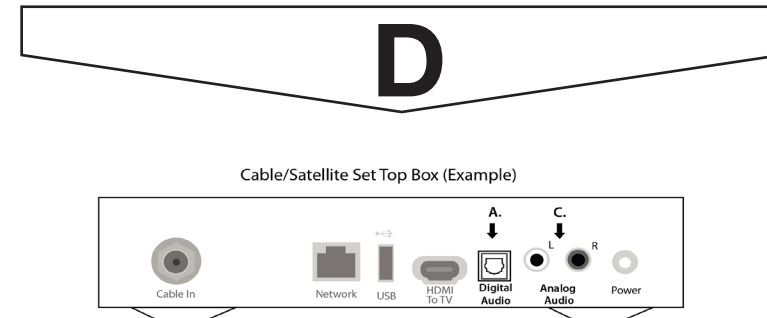
## Red & White RCA to 3.5mm Analog Audio cable

Some TVs have red/white RCA jacks for analog audio output. Be sure you have located the red and white jacks on the TV that are specifically marked as "AUDIO OUTPUT" **NOT** "Audio IN or COMP IN". (A)

Insert the red and white plugs into the red and white jacks on the TV labeled "Audio Out". (A) Insert the 3.5mm miniplug end of the cable into the ZVOX speaker input jack labeled MINIJACK ANALOG INPUT. (B)

Once the RCA analog cable is completely connected, tune your TV to a program, then use the original TV remote to access the Home Menu -> Options or Settings -> Sound or Audio -> TV Speakers -> OFF or Speaker List, Sound Out -> Select Audio System, External Speaker, or the Optical Audio Out option. Menu list varies based on TV's year and make, see TV's owner's manual. If this option is unavailable keep the main TV volume at zero and continue using the ZVOX remote for volume. Done

**Note:** Rarely TVs list an analog audio out setting that must be set from Variable to FIXED, if you see this do so. If you have yet to hear sound, tap the input button on the ZVOX remote control until the ZVOX display reads "In2A". Continue using the ZVOX remote for the volume control.



## Connecting To A 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 to 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.

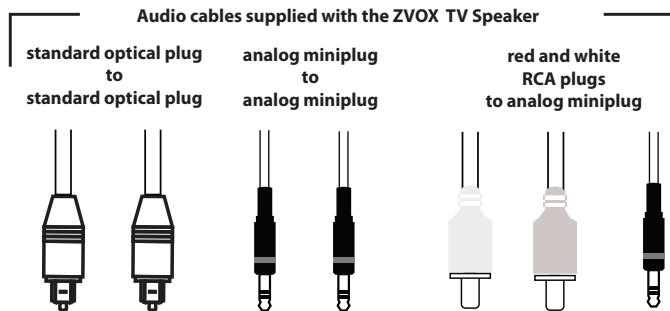
To connect between the cable box and the ZVOX speaker, identify the audio output available on the back of the cable or satellite box, then follow the corresponding instructions in previous setup column A or C.

**Note:** Connecting the ZVOX speaker through this option outputs this source only. Remember to use the audio out or digital audio out, **NOT** comp-in or av-in

## A Coaxial Digital Audio Signal Source or No Audio Out:

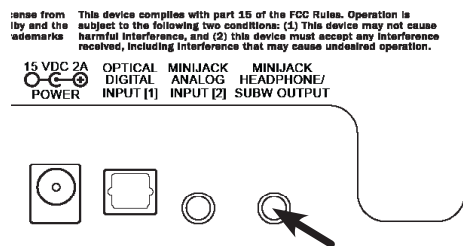
This ZVOX Audio soundbar does not have a coaxial-format digital audio input. A coaxial digital to optical digital audio converter OR a coaxial digital to stereo analog audio converter should be used. If your TV or cable/satellite box do not have audio outputs available at all a HDMI extractor should be used. Visit [support.zvox.com](http://support.zvox.com) or contact ZVOX Audio at [info@zvoxaudio.com](mailto:info@zvoxaudio.com) to learn what suitable audio converters or HDMI extractors are available.

# Connection Options



## TV to AV157 Audio Signal Cable Guide

The AV157 includes one optical digital signal cable and two analog signal cables. Two of these three cables will connect from most TVs or cable/satellite set top boxes to the digital or analog input on the AV157. In the rare instance your TV has an optical minijack audio output, an optical miniplug to standard optical plug cable is needed. (not supplied with the AV157 but sold separately).



## Headphone or Subwoofer Output Minijack

This minijack port provides a signal for headphones or an amplified subwoofer. The signal level from this output varies with the volume level of the ZVOX speaker. This same port can be utilized to connect a Universal Bluetooth Transmitter/Receiver for a wireless audio experience to wireless headphones or for receiving music from a Smartphone or tablet. (Not included)

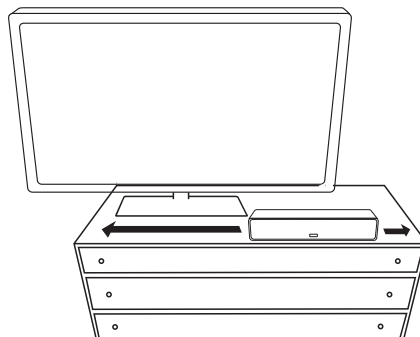
**Note:** Accuvoice 1 (AC1) feature is constantly enabled through the headphone out port. If you wish to mute the output of the ZVOX speaker while listening to headphones, press and hold the MUTE button on the ZVOX speaker remote for 5 seconds. (See more on page 6). Compatible Subwoofers must have own power supply and a built in crossover frequency adjustment knob.

## Dual Inputs Allows Two Audio Source Inputs

**For instance:** If you have your TV's optical digital cable connected to Input 1 on the ZVOX speaker, you can also connect to a second audio source output from the ZVOX speaker's 2nd Input minijack. This allows you listen to a music-only sources without needing the TV on. This could be music from a smartphone, tablet, a disc player or the "music only" channels from a cable or satellite set top box or computer.

When ready to hear an audio source connected to Input 2, press the INPUT button on the ZVOX remote to choose the second input. An analog signal source will appear as "In2A". A digital signal source will appear as "In1d"

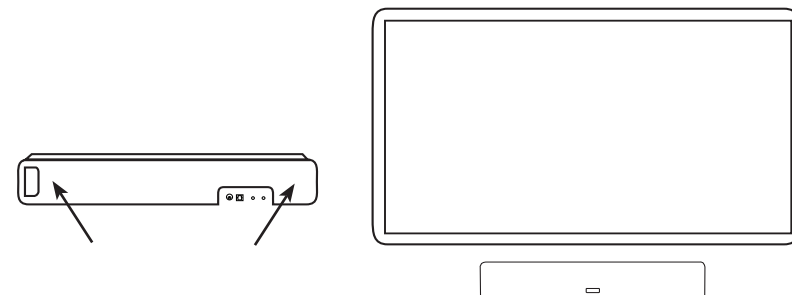
# Placement Options



## Placing The AccuVoice TV Speaker in Front of the TV.

Most people choose to place the ZVOX speaker in front of the TV. But it can also be placed on any level surface near the TV – above, below or to the left or right. Choose a place that lets you direct the ZVOX Speaker towards the TV viewers.

- A safe, secure installation of the AccuVoice TV Speaker is the owner's responsibility.
- Do not place any objects on top of the AccuVoice TV Speaker.



## ZVOX Speaker Wall Mounting Information

The AV157 speaker has two M3 threaded sockets in the enclosure back. Two 10mm length screws are provided for these sockets and with the correct keyhole slotted hardware you can use these sockets to secure the ZVOX AV157 speaker to most flat surfaces, like a wall or shelf. Longer screws may be necessary **NOTE:** It is the ZVOX AV157 owner's responsibility to ensure the any such mounting is safe and secure. Each of the two mounting sites should be able to secure a five pound (3 KG) object.

# Button Functions on the ZVOX Remote Control

## Power

Changes the ZVOX speaker between OFF & ON. **Note:** The ZVOX AV157 will enter Standby if it receives a weak enough or no audio signal for approximately 20 minutes. A command from a remote control or a restored audio signal will turn it back on.

## Volume

These appropriately named buttons control the volume up, down & also used to adjust the different “Other Settings” adjustments.

## Input Selection

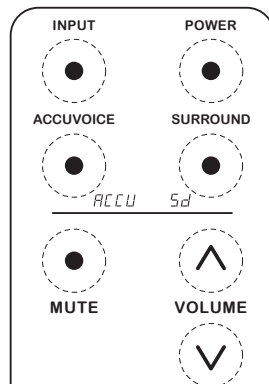
Tap the INPUT button on the ZVOX remote to select between the speaker's three inputs. The choices are:

Optical digital — IN1d

Analog minjack — In2A

Voice Assistance System use only – both

## Remote Control Button Layout.



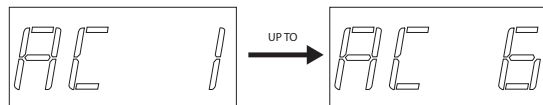
## Using Voice Assistance System Input Feature (both)

It's simple to integrate an Amazon® Echo®, Echo Dot or Echo Input to the AV157. Connect your TV to Input 1. Connect the Echo device (via 3.5mm cord) to Input 2. Then set input selection to “both,” by pressing and holding the INPUT button for five seconds. (“Hard Hold”) If you are watching a TV program and ask “Alexa” a question, the AV157 will turn down the TV sound while Alexa answers your question. When Alexa stops speaking, the AV157 turns up the TV sound. To switch back to Input 1d or 2a, press and hold the INPUT button for five seconds.

**Note:** If the “both” input is mistakenly enabled without an integrated Amazon® Echo®, Echo Dot or Echo Input setup you may hear normal audio but the ZVOX speaker may act abnormal, change the input when not in use.

## AccuVoice

Tap 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 AccuVoice 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.

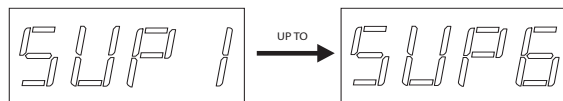


## SuperVoice Setting For Extreme Voice Clarity

People with hearing loss will appreciate the extra boost provided by the new SuperVoice™ feature. SuperVoice uses advanced compression algorithms to lift voices out of the other sounds in a TV show, sporting event or movie.

To activate SuperVoice mode press and hold the AccuVoice button on the remote control for about four seconds. The display on the AV157 will change for “AC 1” to “SUP1” – indicating the speaker is in “SuperVoice 1” mode. Continue with quick presses to the AccuVoice button to select increasing levels of voice enhancement. There are six levels of SuperVoice enhancement, starting with SUP1 going up to SUP6. The setting you select remains the default AccuVoice setting until you decide to change it.

**Note:** Pressing the Surround button removes the SuperVoice boost feature.



## Mute

Tap this button to mute the ZVOX speaker. When MUTE function is active, the display blinks “-00-”. The AV157 will enter Standby if it is left in MUTE for longer than five minutes.



## Headphone Only (HP) Mode:

For silent headphone listening: Press and hold the mute button for five seconds this will activate headphone mode. “HP” will appear on the ZVOX speakers display, to remove “HP” mode repeat the process. Power cycling the ZVOX speaker also cancels headphone-only operation. When active the headphones volume is controlled through the ZVOX remote control.

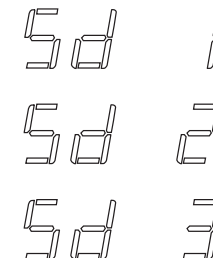
Note: Accuvoice 1 (AC1) benefit is constant through the headphone out port.



## 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.



**Note:** For high fidelity sound use this feature. Pressing the Accuvoice button disables the surround sound setting.



Other Settings Button

The **Other Settings** button allows access to the Bass and Treble adjustment and turns the Output Leveling feature 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). While displayed quickly use the volume buttons to adjust the bass output across this range. Then wait for the adjustment display to turn off.
- 2) Treble Adjustment: Two presses of the **Other Settings** button displays the current Treble setting. The range of treble adjustment is HI 4 to HI-4. That is short hand for Highs plus 4 and Highs minus 4. While displayed quickly use the volume buttons to adjust the treble output across this range. Then wait for the adjustment display to turn off.
- 3) Output Leveling: Three presses of the **Other Settings** button displays the Output Leveling feature. While displayed quickly use the volume buttons to adjust, the display will be either OL (Output Leveling engaged) or noOL (Output Leveling 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.



Auto On/Off Operation

As delivered, the AV157 will turn ON and OFF automatically in response to the audio signal from the TV and manually respond with the POWER button on the ZVOX remote. This feature is enabled out of the box. A weak enough audio signal may cause this feature to go off every 20 minutes. If you do not want the AV157 to automatically turn off in response to the TV's audio signal, the feature can be easily disabled.

**To Disable or Enable Auto On/Standby feature:** While the speaker is ON, press and hold the power button on the ZVOX remote for 5 seconds, “NoAs” will appear on the display indicating the feature is disabled, release the power button. The system should not shut down automatically (“AS” indicates the feature is enabled).

Controlling the ZVOX TV Speaker With Preferred Remote

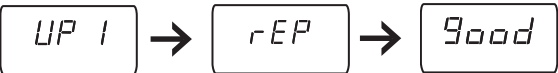
The ZVOX TV speaker “learns” to respond to one of many cable/satellite or TV remote controls. The supplied ZVOX remote control will always adjust the ZVOX AV157 even after the preferred TV remote is programmed to control the ZVOX speaker. If these steps do not work refer to the ZVOX support page [support.zvox.com](http://support.zvox.com) for alternate instructions that may be specific to your preferred remote.

**Note:** Turn the TV OFF while following these steps for less interference. This process will time out after 30 seconds of inactivity.

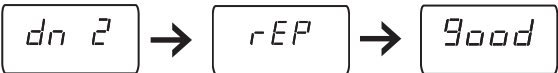
Turn the ZVOX speaker OFF, next press & hold the OTHER SETTINGS button on the ZVOX remote for 5 seconds placing the ZVOX into the universal learn mode. (“Lrn” will be on the AV157 display) allowing the preferred remote control to start being programmed.



“UP1” will appear indicating the first ste for volume up on the preferred remote. Hold down VOLUME UP for 1 full second then release. “REP” will appear indicating to repeat the process of holding Volume Up for 1 second and releasing. GOOD will be displayed indicating succes (NoCh appears if unsuccessful) followed by the 2nd step.



“Dn2” will appear indicating volume down on the preferred remote. Same steps, hold down VOLUME DOWN for 1 full second then release. “REP” will appear indicating to repeat the process of holding volume down for 1 second and releasing, “GOOD” will appear indicating success (NoCh appears if unsuccessful) followed by the 3rd step.

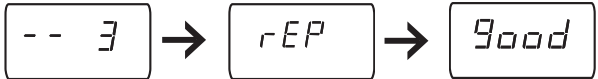


**Note:** If noCH appears on the ZVOX display, the attempt has failed please try again.



Controlling With Preferred Remote Continued...

“-- 3” will appear indicating the mute on the preferred remote. Same steps, hold down the MUTE button for 1 full second then release. “REP” will appear indicating to repeat the process of holding down for 1 second and releasing “GOOD” will appear indicating success (NoCh appears if unsuccessful) followed by the 4th and final step.



“Pr 4” will appear indicating the TV power on the Preferred remote. Same steps, hold down the POWER for 1 full second then release. “REP” will appear indicating to repeat the process of holding for 1 second and releasing, “GOOD” will appear indicating success (NoCh appears if unsuccessful). Done.



## USA Warranty & Registration

For warranty & registration information applicable to an AV157 please visit these webpages:

[zvox.com/pages/warranty-returns](http://zvox.com/pages/warranty-returns)

[zvox.com/pages/product-registration](http://zvox.com/pages/product-registration)

[support.zvox.com](http://support.zvox.com)

**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](mailto:info@zvoxaudio.com) or call ZVOX Audio at (866) 367-9869. Please provide your TV brand and model number. A ZVOX Audio representative will be available (Eastern Time Zone) 9:00 AM to 9 PM Monday through Friday and 10:00 AM to 6:00 PM on Saturday. For further information about additional options, please refer to the ZVOX Audio website, [www.zvoxaudio.com](http://www.zvoxaudio.com) or [support.zvox.com](http://support.zvox.com)

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