

ZVOX AccuVoice TV Speaker

MODEL AV455 | SETUP & OPERATION

ZVOX[®]
Great Sound Made Simple
www.zvox.com

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.



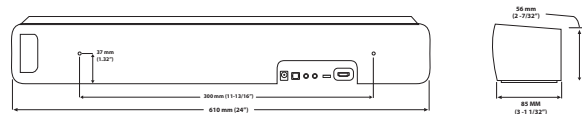
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



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 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 AV455 Dimensions



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.

Declaration of conformity

CE ZVOX Audio, LLC. Hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and Radio Equipment Regulations 2017 (SI 2017 No. 1206) and all other applicable EU directive requirements. The complete declaration of conformity can be found at: www.zvox.com

FCC Statement

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.

Changes or modifications not expressly approved by ZVOX could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and ISED Canada License-exempt RSS Standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body

ISED Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development

Canada's license-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.

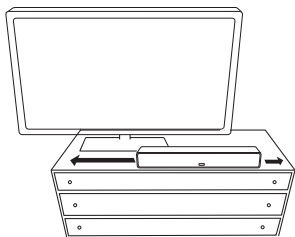
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps

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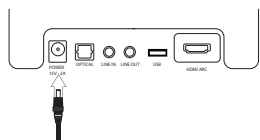
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Quick Setup Guide



1 Place The ZVOX Speaker

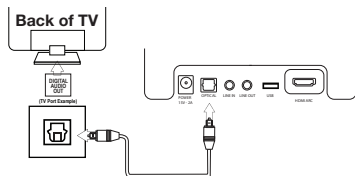
You can place the ZVOX speaker anywhere in front of your TV. It can also be placed on any level surface near the TV – above, below or to the left or right. It doesn't have to be centered in front of the TV. The ZVOX speaker performs best if it faces the people watching the TV.



2 Connect Power Cord to the ZVOX Speaker

Connect the power cord to the DC jack on the back.

Then connect the AC plug into an AC power receptacle. The speaker will then power on automatically.



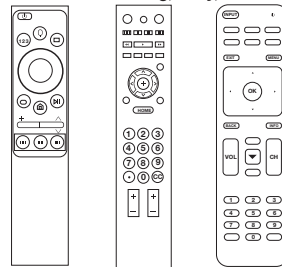
3 Connect the Optical Signal Cable

Most TVs have an optical digital output jack (sometimes called "TOSLINK") on the back panel. Connect one end of the supplied optical cable to optical jack on the ZVOX. The optical cable might, or might not, have small clear plastic covers protecting the metal tips. Simply remove the covers before connecting the cable.

NOTE 1: The optical jack on your TV is not perfectly square. You need to align the square-like end of the optical cable to the orientation of the TV's optical jack. Once it is aligned, the cable's plug should slip into the jack with a slight push. You may hear and feel a small "click" once the cable is inserted completely

NOTE 2: If your TV does not have an optical jack, you can use one of the supplied analog signal cables. See instructions later in this manual.

Common examples of remotes provided with TVs like Samsung, Sony, Vizio etc.



4 Turn off your TV's Internal Speakers

Some TVs require you to go into the audio menu of the TV and turn off the TV's internal speakers in order to get an audio signal from the optical jack. Also, turning off the TV speakers prevents an 'echo' caused by both the ZVOX speaker and the TV speaker playing together. Using the remote that originally came with the television, access the settings and turn off the internal TV speakers. If you are unsure how to do this, go to zvox.com/setup and look for "TV-Speaker Hookup Videos." Or get your TV's model number from the rear panel and call us at **1-866-367-9869**.

5 IMPORTANT: Set Audio Output to PCM Using TV's Menu Screen.

Using the TV set's remote (not your cable box remote), click the Menu button. On the menu screen select the Sound option, and then select the "Expert Settings" or "Advanced Audio" option. Then select Digital Output Audio Format – and then select PCM. When you have done this, simply push the Menu button one more time to return to your normal screen.

For further assistance go to zvox.com/setup and look for "TV-Speaker Hookup Videos." Or call us at **1-866-367-9869**.

Alternative Ways To Connect The AV455 TV Speaker

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



Minijack Analog Audio Out

Some TVs have a 3.5mm audio output jack or a headphone jack. Insert one end of the supplied analog "Miniplug to Miniplug" cable into the TV's audio out minijack. Insert the miniplug at the other end of the cable into the ZVOX speaker's rear input jack labeled LINE IN.

If the TV has a headphone jack, you will want to make sure that the **TV's volume is turned up to 50 to 75 %** of maximum volume to make sure that the ZVOX speaker is receiving a strong audio signal to amplify.

Red and White RCA Jack Analog Audio Out

Some TV models use red and white RCA jacks for the analog audio output. Be sure you have located red and white jacks on the TV that are marked as an "OUTPUT" (not "INPUT"). Next, identify the cable supplied with the ZVOX speaker that has a stereo miniplug at one end and red and white RCA plugs at the other end.

Make The Connection

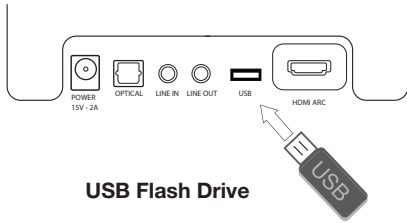
Insert the end of the cable with red and white plugs into the red and white jacks on the TV labeled "OUT". Insert the miniplug at the other end of the cable into the ZVOX speaker input jack labeled LINE IN.

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.

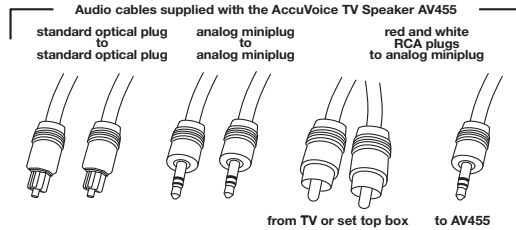
To connect between the set top box red and white jacks and the ZVOX speaker, identify the cable supplied with the ZVOX speaker that has a stereo miniplug at one end and red and white RCA plugs at the other end.

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



TV to AV455 Audio Signal Cable Guide

The AV455 includes two analog signal cables and one optical digital signal cable. One of these three cables will connect from most TVs or cable/satellite set top boxes to the input on the AV455. In the rare instance your TV or cable/satellite set top box has only an optical minijack audio output, an optical miniplug to optical miniplug cable is needed (not supplied with the AV455).



USB Input

Insert an external USB flash drive to hear audio tracks, like MP3s play externally from the AV455. Use the BACK and FWD buttons on the AV455 remote to toggle back and forward to audio tracks on your USB Drive. MP3 Files may be in the root or in folders.

Bluetooth setting.

You may play audio from your Smart phone, tablet, laptop or Bluetooth capable TV to the AV455 as well.

Simply press the INPUT button on the AV455 remote until the AV455 display on the front of the speaker displays “blue” which signals the sound bar is in pairing mode. It will stay solid blue once paired with device.

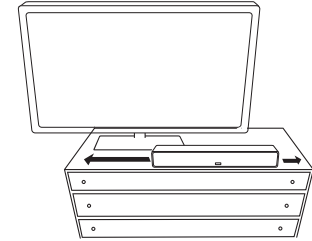
Manual On/Off Operation

With the unit on, press and hold the “Other Settings” button for 5 seconds. If the LED blinks RED 3X, the auto On/Off feature is disabled.

The remote must be used to turn the unit on and off.

If the LED blinks BLUE 3X, the auto On/Off feature is being re-enabled. The Auto On/Off toggle only works if the minijack input is selected. It will automatically turn off 30 seconds after a loss of digital signal OR several minutes after an analog signal has stopped.

Placement Options



Placing The AV455 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.

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. Note: The USB input is not selectable unless a USB thumb drive is plugged in.

AccuVoice

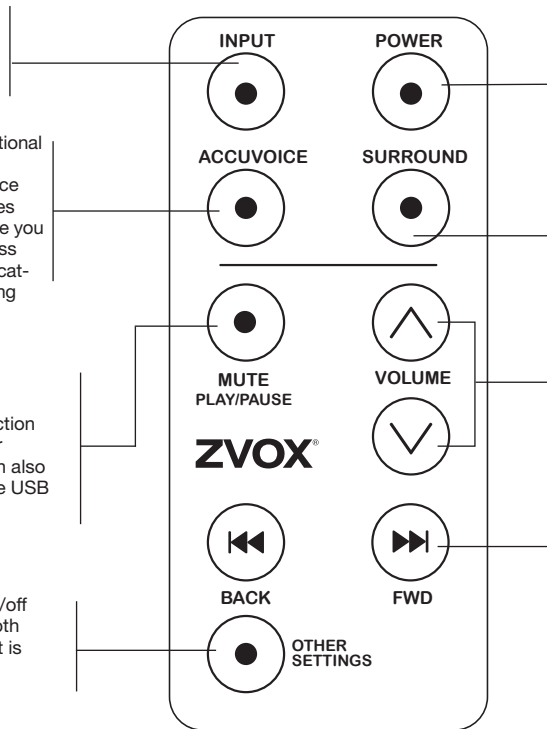
Press the AccuVoice button to select the AccuVoice function. Additional presses of the AccuVoice button allow you to select increasing levels of voice enhancement. There are two levels of increasing voice enhancement, starting with AccuVoice 1 going to 2. The light flashes purple a certain number of times to indicate which AccuVoice mode you are selecting. The default setting is AccuVoice 1. If you were to press the AccuVoice button once you would see the light blink twice indicating AccuVoice 2 mode. Once you are in AccuVoice 2 mode, pressing the AccuVoice button will return you to AccuVoice 1.

Mute Play/Pause

Press this button to mute the ZVOX speaker. When the MUTE function is active, the display blinks yellow repeatedly. The AV120 will enter STANDBY if it is left in MUTE for longer than 5 minutes. The button also doubles as the Play/Pause function when using sound bar with the USB Drive and/or the Bluetooth

Other Settings

The OTHER SETTINGS button can be used to control the Auto on/off feature when the minijack input is selected OR to cancel a bluetooth connection and start the pairing process when the Bluetooth input is selected.



Power

The Power button switches the ZVOX speaker between off (STANDBY) and on. When the ZVOX AV120 is powered on, you will see a white light followed by a green light behind the front speaker grille flash. When it is powered off into STANDBY, you will see the red light flash four times. Any button press from the ZVOX remote will also power on the system.

Note: The ZVOX AV120 will also enter STANDBY if it receives no audio signal for several minutes.

Surround Settings

There are two SURROUND levels: Surround One has low virtual surround effect and strong vocals. Use this setting if vocal clarity is important to you. Surround Two has moderate virtual surround effect and moderate vocals. The default setting is Surround 1. If you were to press this button again you would see the Pale Blue light blink twice indicating Surround 2 mode.

Volume

When the volume up arrow button is quickly pressed and released, you will see the light corresponding to your input (Green, Blue, Red) flash indicating one volume step increase. If you press and hold down the volume up button, the light will continuously flash and the volume will go up until you release the button. The volume down arrow button is indicated by the yellow light and flashes in the same manner when pressed and released.

Back and Forward

The Back and Forward buttons will allow you skip forward, or back, from audio tracks when using the USB Drive Input or Bluetooth connections.

USA Warranty

For warranty information applicable to an AV455, please visit this webpage:
<https://zvox.com/pages/warranty-returns>

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. For information about additional options, please refer to the ZVOX Audio website, www.zvox.com.

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