

# ZVOX AccuVoice TV Speaker

MODEL AV100 MINI | SETUP & OPERATION

**ZVOX<sup>®</sup>**  
Great Sound Made Simple

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# 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.



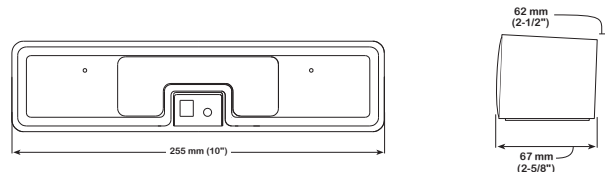
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



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 Mini Dimensions

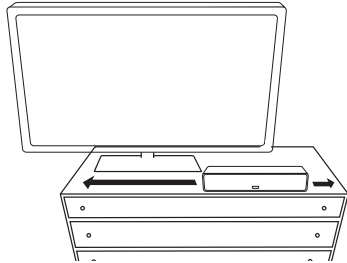


### Disposing of this appliance

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,

# Quick Setup Guide

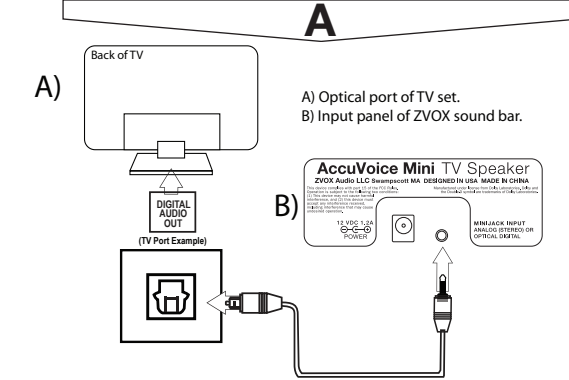
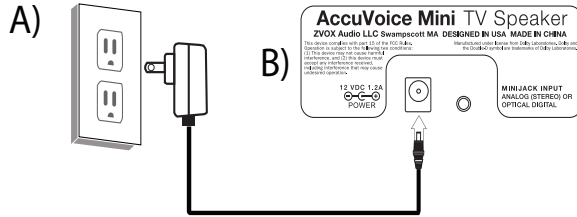
(This quick setup guide applies the optical digital audio connection (A) as the primary example. This is the most common audio output on modern TVs)  
Follow instructions (A, B, C, or D) according to the available TV audio out jacks.



## 1. Position & Power ZVOX AV100 TV Speaker

**NOTE:** For brevity, the ZVOX AccuVoice TV Speaker Model AV100 is often referred to as the “ZVOX mini speaker” or “AV100” in this User Manual. Only one of three audio cables and one power cable is needed for the setup. Place the provided AAA batteries into the provided ZVOX remote control.

Position the AV100 on any level surface near the TV and connect the power cord to the power jack on the back of ZVOX (B), then connect the AC plug into an AC power outlet (A). Don't turn the ZVOX speaker on just yet.



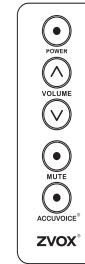
## 2. Connect The Mini Optical Signal Cable

Most TVs have a 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 **NOTE:** Remove the protective tips on the cable.

Connect the pointed end of the supplied optical signal cable to the ZVOX speakers audio minijack input (B), then connect the opposite end of the optical signal cable to the optical jack on the TV. (A)

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



## 3. Disable TV's Sound & Turn On The AV100

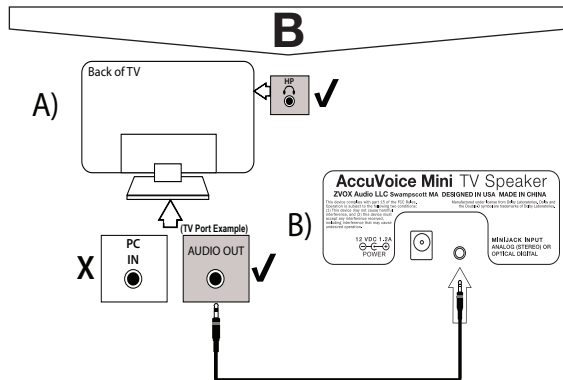
Tune your TV to a program, then use the original TV remote to access the TV's Home/Menu -> Options or Settings -> Sound or Audio -> Speaker List or Sound Out -> Select the Audio System, External Speaker, or the Optical Audio Out option. **Note:** Menu list vary based on TVs year and make, see TVs owners 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 AV100 remote, tap the POWER button to turn on the ZVOX (4 blue LEDs) You should be able to hear the ZVOX speakers sound, if not use the volume buttons on the ZVOX remote to set the volume to your preferred level.

# Alternative Ways To Connect The AV100 TV Speaker

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



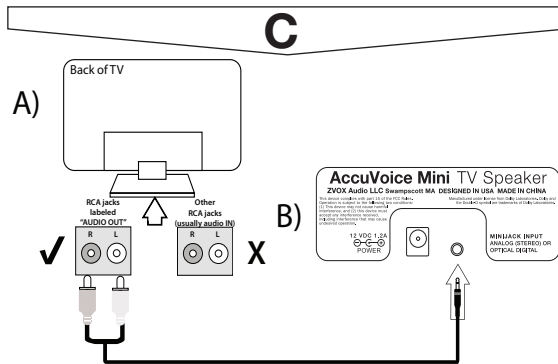
## 3.5 mm to 3.5 mm Miniplug Analog Stereo cable

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) then insert the opposite end of the cable into the AV100 input jack labeled MINIPLUG 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 causing the auto shut off feature to react on the ZVOX speaker.

**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.



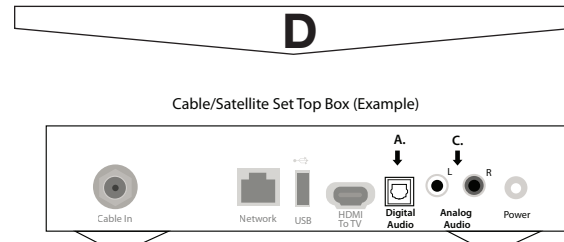
## Red & White RCA to 3.5mm Analog Audio cable

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 AV100 input jack labeled MINIPLUG 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) If this option is unavailable simply keep the main TV volume at zero and continue using the ZVOX remote for main volume control.

**Note:** Rarely TVs list an analog audio setting that must be set from Variable to FIXED. 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.

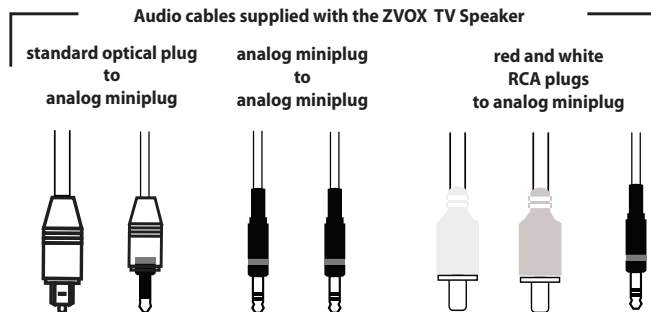
**Note:** Connecting the ZVOX speaker through this option outputs this source only. Remember to use the audio out or digital audio out, NOT comp-in or av-in.

## Coaxial Digital Audio Out Signal or No Available Audio Out:

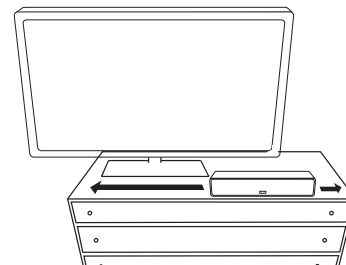
This ZVOX Audio soundbar does not have a coaxial-format digital audio input. A coaxial digital to optical digital audio converter or a coaxial digital to stereo analog audio converter should be used. If your TV or cable/satellite box do not have audio output connections at all a HDMI extractor with an audio out 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.

# Supplied Audio Signal Cable Guide

The Mini includes two analog signal cables and one optical digital signal cable with a standard optical plug on one end and a mini optical plug on the other end. One of these three cables will connect from most TVs or cable/satellite set top boxes to the input on the Mini. 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 AV100 Mini).



## Placement Options



### Placing The Mini 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

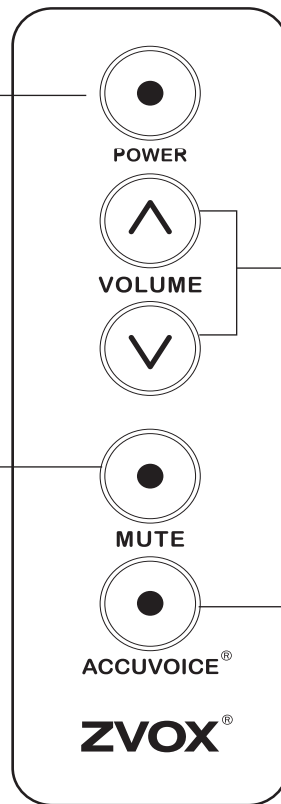
## Power

Tap the POWER button to switch the ZVOX speaker between off/standby and on. When the ZVOX Mini is powered on, you will see four blue light flash behind the front speaker. When it is powered off into STANDBY, you will see the amber light flash four times. Any button pressed from the ZVOX remote will also power on the system.

**Note:** The ZVOX Mini will also enter STANDBY if it receives no audio signal for 20 minutes.

## Mute

Tap this button to MUTE the ZVOX speaker. When the MUTE function is active, the display blinks both the amber and the blue lights at the same time repeatedly. The Mini will enter STANDBY if it is left in MUTE for longer than 5 minutes. You would then see the amber light flash four times indicating power off.



## Volume


When the volume up arrow button is quickly tapped, you will see the amber light flash three times indicating one volume step increase. If you press and hold down the volume up button, the amber light will continuously flash and the volume will go up until you release the button. The volume down arrow button is indicated by the blue light and flashes in the same manner when pressed and released.

## 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 AccuVoice 1 going up to 6. The blue light flashes 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 blue light blink twice indicating AccuVoice 2 mode, three blinks for AccuVoice 3 mode and additional blinks on upwards to AccuVoice 6. Once you are in AccuVoice 6 mode, pressing the AccuVoice button will return you to AccuVoice 1 indicated by the amber light displaying and then the blue light displaying shortly after. The setting you select remains the default AccuVoice setting until you decide to change it.



# AV100 Mini Display Indicator Guide




 Represents Blue LED

 Represents Amber/Orange LED

Power On: 4 Blue LED flashes    

Power Off: 4 Amber/Orange LED flashes    

MUTE: Amber/Orange & Blue simultaneously blinking  



Volume Up: Amber/Orange LED quickly blink   



Volume Down: Blue LED quickly blink   

Accuvoice: Accuvoice 1 amber/Orange & Blue LED immediately appears. Accuvoice two through six a single blue LED blinks 2 through 6 times depending on the Accuvoice setting you are set on.

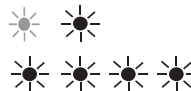


Auto Standby & Auto On/Off: While the speaker is OFF Press and hard hold the power button at least 5 seconds.

Blue to Amber/Orange LED blinking = Turns OFF feature  → 

Amber/Orange to Blue LED blinking = Turns ON feature  → 

AV100 Master Reset: While ON hard hold Power for 5 seconds, you will see Amber/Orange & Blue LEDs, immediately release power and hard hold Accuvoice, 4 BLUE LED will rapidly blink resetting the system.




Firmware Code Readout:  

While ON hard hold the Power button for 5 seconds, you will see blue & amber/orange LEDs flashing 12 times. (Servicing information Only)



ZVOX AV100 Universal Remote Learning: This speaker can program a preferred TV or cable/satellite remotes volume up, down, mute & power functions. While The TV & ZVOX speaker is OFF press & hold the Accuvoice button for 5 seconds, you will see amber/orange & blue simultaneously blink followed by a single amber/orange blinking LED indicating step 1.

Press and hold each button function for one whole second twice or until the next LED indicator appears on the ZVOX AV100 display.

Step 1: Amber/Orange flashing = Volume Up 

Step 2: Blue flashing = Volume Down 

Step 3: Amber/Orange & Blue simultaneously blinking = Mute Button function  

Step 4: Blue & Amber/Orange alternating = Power button function  →  →  → 

Note: Not all TV or cable/satellite remotes use this process, search our ZVOX support page [support.zvox.com](https://support.zvox.com) by your preferred remotes model/brand for your specific instructions.

## USA Warranty & Registration

For warranty information applicable to an AV100 Mini, please visit this webpage:

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

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

[support.zvox.com](https://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](https://www.zvoxaudio.com) or [support.zvox.com](https://support.zvox.com)



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