

## ZVOX AV455

# ZVOX AccuVoice AV455 Sound Bar User Manual

Model: AV455 | Brand: ZVOX

## INTRODUCTION

The ZVOX AccuVoice AV455 Dialogue Clarifying Sound Bar is designed to enhance your television audio experience, particularly by clarifying dialogue and providing immersive sound. It integrates advanced hearing aid technology to separate and boost voices, making conversations easier to understand, even at lower volumes. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your AV455 sound bar.



Image: The ZVOX AccuVoice AV455 Sound Bar with its remote control, showcasing its sleek black design.

## WHAT'S IN THE Box

Upon unpacking your ZVOX AccuVoice AV455 Sound Bar, please ensure all the following components are present:

- ZVOX AccuVoice AV455 Sound Bar
- Remote Control (2x AAA batteries included)
- ARC-HDMI cable
- Optical digital cable
- Analog to 3.5mm cable
- Power Adapter

# EASY TO OPERATE

A behind-the-grille display illuminates when you make adjustments to sound settings.



**The large print remote makes it easy for the whole family to use.**

Image: All components included in the ZVOX AV455 Sound Bar package, laid out for easy identification.

## SETUP

The ZVOX AV455 offers simple one-cord setup options to connect to your television. Choose the connection method that best suits your TV's available ports.

### Connection Options:

- HDMI-ARC:** For effortless setup, connect the included HDMI cable from the AV455's HDMI-ARC port to your TV's HDMI-ARC port. This allows you to control power, volume, and mute with your existing TV remote.
- Optical Digital:** Connect the included optical digital cable from the AV455's optical input to your TV's optical output.
- Analog:** Use the included analog to 3.5mm cable to connect the AV455's analog input to your TV's audio output (headphone jack or RCA outputs with an adapter, not included).

After connecting the audio cable, plug the power adapter into the sound bar and then into a wall outlet. The large, easy-to-read display will assist with navigation during setup.

# HEAR EVERY WORD WITH ACCUVOICE®

Lift TV dialogue out of the background for enhanced vocal clarity—even at low volumes.



Image: Visual representation of the three easy ways to connect the sound bar: Optical Digital (TOSLINK), Analog (3.5mm Headphone Jack), and HDMI-ARC.



Image: The ZVOX AV455 Sound Bar positioned below a television, demonstrating its compact size and integration into a home entertainment setup.

## OPERATING INSTRUCTIONS

The ZVOX AV455 is designed for user-friendly operation. Use the included remote control to access its features.

### Power On/Off:

Press the **POWER** button on the remote to turn the sound bar on or off. If connected via HDMI-ARC, your TV remote may also control the power.

### Input Selection:

Press the **INPUT** button to cycle through available audio inputs (HDMI-ARC, Optical, Analog).

### AccuVoice Dialogue Clarification:

Activate and adjust the patented AccuVoice technology to enhance vocal clarity. There are five AccuVoice settings to fine-tune dialogue. Press the **ACCUVOICE** button to cycle through the levels (AC 1 to AC 5). Higher levels provide greater dialogue boost.



Clarify Voices  
on your TV

AV455

## DIALOGUE CLARIFYING SOUNDBAR

Image: A visual representation of how AccuVoice technology lifts TV dialogue from background noise, with an indicator for 5 levels of dialogue boost.

### PhaseCue Virtual Surround Sound:

Experience immersive 3D sound from the compact sound bar using PhaseCue virtual surround technology. Press the **SURROUND** button to adjust the surround sound effect (SD 1 to SD 3).

# THREE EASY WAYS TO CONNECT

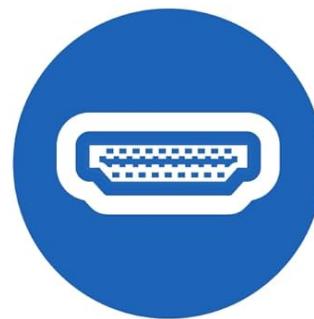
This product features optical, analog, and HDMI inputs. It cannot be used as a center speaker. Check your TV for compatibility.



**OPTICAL DIGITAL  
INPUT**  
(Toslink)



**ANALOG  
INPUT**  
(Headphone Jack,  
3.5mm)



**HDMI-ARC  
INPUT**  
(Compatible)

Control the ZVOX AV455 with your TV remote using the HDMI-ARC connection.

Image: The ZVOX AV455 Sound Bar mounted on a wall below a TV, illustrating its ability to deliver room-enveloping sound with PhaseCue technology.

## **Volume Control and Output Leveling:**

Adjust the volume using the **VOLUME UP** and **VOLUME DOWN** buttons. The Output Leveling feature automatically reduces the impact of loud commercials, providing consistent audio levels.

## **Bluetooth Wireless Streaming:**

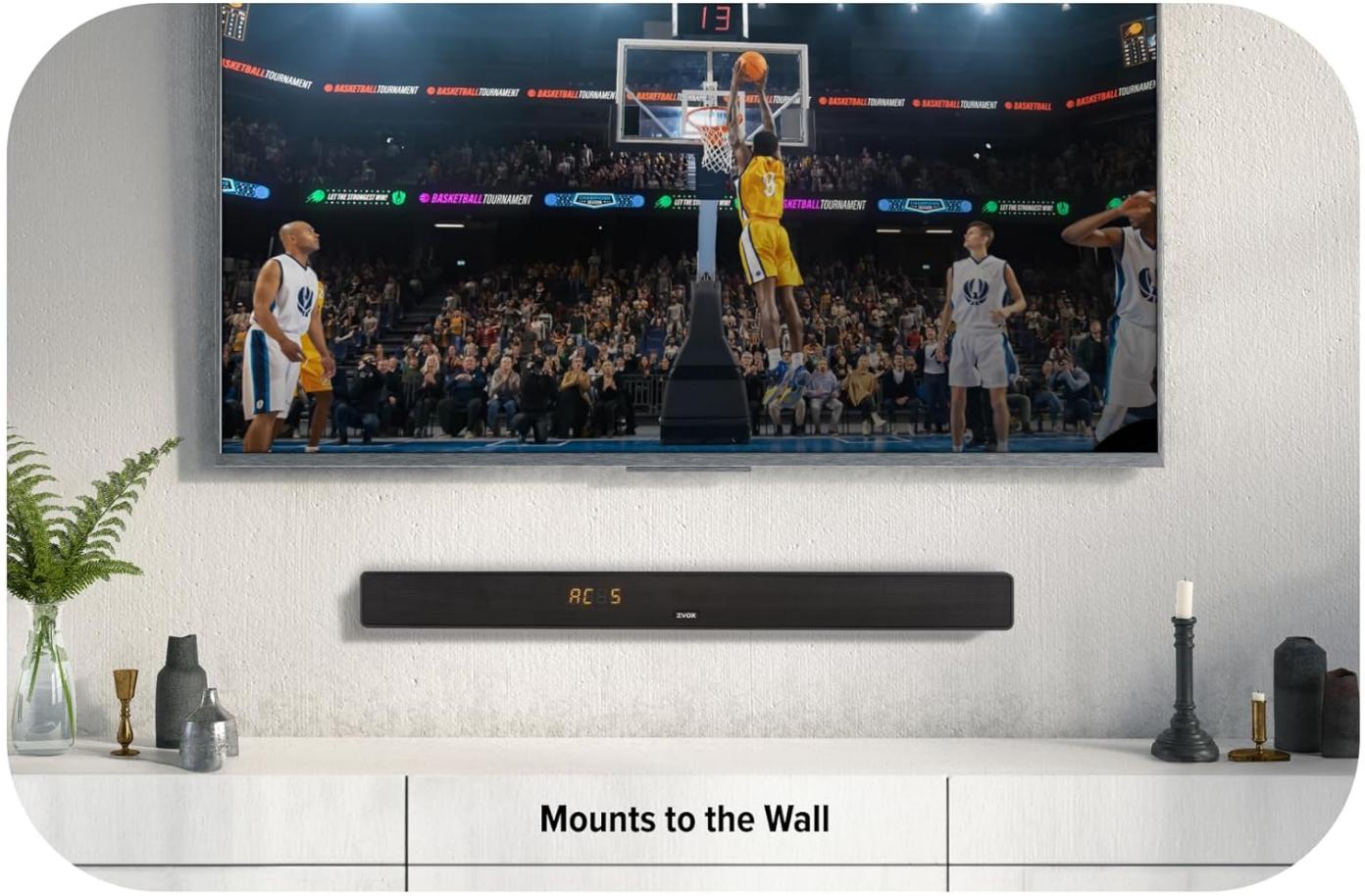
The AV455 supports wireless audio streaming via Bluetooth. Pair your smartphone, tablet, laptop, or Bluetooth-capable TV to the sound bar to enjoy music and other audio content.

## **USB Playback:**

Plug a USB flash drive into the AV455's USB port to play audio tracks directly from your device.

# ROOM-ENVELOPING SOUND WITH PHASECUE®

Rich and immersive 3D sound that Sound & Vision magazine calls “remarkably ingenious”.



## Mounts to the Wall

Image: The ZVOX AV455 Sound Bar with its remote control, showing the illuminated display behind the grille when adjustments are made, emphasizing ease of operation.

## MAINTENANCE

To ensure the longevity and optimal performance of your ZVOX AV455 Sound Bar, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the sound bar. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure the sound bar has adequate ventilation. Do not block any ventilation openings.
- **Placement:** Avoid placing the sound bar in direct sunlight, near heat sources, or in areas with high humidity.

## TROUBLESHOOTING

If you encounter any issues with your ZVOX AV455 Sound Bar, please refer to the following common troubleshooting steps:

- **No Sound:**

- Verify that the sound bar is powered on.
- Check that the correct input source is selected on the sound bar.
- Ensure all cables (audio and power) are securely connected.
- Confirm that your TV's audio output is set to the correct external speaker option.

- **Remote Control Not Responding:**

- Check and replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the sound bar.

- **Dialogue Not Clear Enough:**

- Increase the AccuVoice level using the **ACCUVOICE** button on the remote.
- Adjust the TV's internal audio settings, if applicable, to ensure optimal output to the sound bar.

For persistent issues, please refer to the ZVOX support website or contact customer service.

## SPECIFICATIONS

<b>Model Name</b>	AV455
<b>Speaker Type</b>	Soundbar
<b>Special Feature</b>	Sound Bar For Dialogue, Sound Bar For Hearing Impaired, TV Soundbar For Hearing Impaired, Clear Voice Soundbar
<b>Compatible Devices</b>	Television
<b>Controller Type</b>	Remote Control
<b>Surround Sound Channel Configuration</b>	2.1 or 3.1
<b>Color</b>	Black
<b>Product Dimensions</b>	3.25"D x 24"W x 2.2"H
<b>Item Weight</b>	4.8 Pounds
<b>Wireless Communication Technology</b>	Bluetooth
<b>Power Source</b>	Corded Electric
<b>Connectivity Technology</b>	Analog, Optical, ARC-HDMI
<b>Audio Output Mode</b>	Surround
<b>Mounting Type</b>	Wall Mount

## WARRANTY AND SUPPORT

The ZVOX AccuVoice AV455 Sound Bar comes with a **Limited Warranty**. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty information included in your product packaging or visit the

official ZVOX website.

For technical support, product registration, or any other inquiries, please contact ZVOX customer service through their official channels. Keep your purchase receipt and product serial number handy for faster service.

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Documents - ZVOX – AV455

[\[pdf\]](#) User Manual Instructions



ZVOX AV455 M User Manual Audio 48349828928 support zvox helpdesk attachments |||

ZVOX AccuVoice TV Speaker MODEL **AV455** SETUP OPERATION 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 A...

lang:en **score:53** filesize: 1017.49 K page\_count: 11 document date: 2024-03-23



[\[pdf\]](#) User Manual Instructions

User manual ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP 2A3BPAV455 av455

ZVOX AccuVoice TV Speaker MODEL **AV455** SETUP OPERATION www.zvox.com  
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OR SPLASHING WATER A...

lang:en **score:49** filesize: 794.04 K page\_count: 9 document date: 2022-07-15

[\[pdf\]](#) Label



AV455 00 XXXXX MP ID label and location ZVOX Audio LLC ACCUVOICE TV SPEAKER 2A3BP

2A3BPAV455 av455

**AV455** AccuVoice TV Speaker Model **AV455** ZVOX Audio LLC Swampscott MA  
Input:15V 2A FCC ID: 2A3BP-**AV455** IC: 10550A-**AV455** CAN ICES-3 B / NMB-3 B  
This device complies with Part 15 of the FCC Rules. Operation is subject to the  
following two conditions: 1 this device may not cause harmful interfer...

lang:en **score:36** filesize: 1004.12 K page\_count: 2 document date: 2022-07-28

Office of Engineering, Technology Federal Communications Commission 745 12th Street, N.W. Washington, DC 20554	ZVOX Audio, LLC Date: May 20, 2022																																										
Subject: Request for Confidentiality FCC ID: 2ABP-A4V5																																											
To Whom It May Concern,																																											
<p>Pursuant to the provisions of Sections 0.457 and 0.459 of Commission's rules (47CFR 0.457, 0.459), we are requesting the Commission to withhold the following attachment(s) as a confidential document from public disclosure.</p>																																											
<table border="1"> <thead> <tr> <th>Section</th> <th>Long Term Confidentiality</th> <th>Short Term Confidentiality</th> </tr> </thead> <tbody> <tr> <td>20.101(a)(2)</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Information Statement</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Characteristics</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Block Diagram</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Test Report</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Technical Data Sheet</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>User's Manual</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Handbook</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Parts List / Line Up</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Test Log</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Operational Description</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Code</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>SDR Software / Security Jails</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>		Section	Long Term Confidentiality	Short Term Confidentiality	20.101(a)(2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Information Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Characteristics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Block Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Test Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Technical Data Sheet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	User's Manual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Handbook	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Parts List / Line Up	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Test Log	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Code	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SDR Software / Security Jails	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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<p>Above mentioned document contains detailed system and equipment description are considered as proprietary information in operation of the equipment. The public disclosure of this document might be harmful to our company and would give competitor an unfair advantage in the market.</p>																																											
<p>It is our understanding that the measurement test reports, FCC ID label forms and correspondence during the certification review process cannot be granted as confidential documents and those information will be available for public review once the grant of equipment authorization is issued.</p>																																											
<p>Sincerely,</p>																																											

[\[pdf\]](#) Confidentiality Request Letter

Adria Galin Pons Confidentiality ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP

2A3BPAV455 av455

C5266091\_X10\_Ed.1 ZVOX Audio, LLC Office of Engineering Technology Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046

Subject: Request for Confidentiality FCC ID:2A3BP-**AV455** Date: May 20, 2022 To Whom It May Concern Pursuant to the provisions of Sections 0.457 and 0.45

lang:en score:34 filesize: 51.86 K page\_count: 2 document\_date: 2022-06-01

[pdf] Specifications Test Report

Measurement Report Kent Test reports ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP

2A3BPAV455 av455

Shenzhen CTL Testing Technology Co., Ltd. Tel: 86-755-89486194 E-mail: ctl@ctl-test.com

lab.com TEST REPORT ... ct Name ..... : ACCUVOICE TV SPEAK

Model/Type reference .....

Trade Mark.....

**Date of Issue** ..... May 23, 2022  
**Result** ..... Pass  
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Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20dB EBW(MHz)	FL(MHz)	Failure	LastFreq	Vendor
DH5	Ant1	2402	0.957	2401.958	2401.402	...	PASS
		2441	0.954	2440.958	2441.402	...	PASS
		2480	0.954	2479.958	2480.402	...	PASS
2DH5	Ant1	2402	1.326	2401.327	2402.853	...	PASS
		2441	1.328	2440.327	2441.853	...	PASS
		2480	1.326	2479.327	2480.853	...	PASS
3DH5	Ant1	2402	1.299	2401.302	2402.811	...	PASS
		2441	1.302	2440.302	2441.854	...	PASS
		2480	1.302	2479.302	2480.854	...	PASS

[\[pdf\]](#) Test Report

Tonscend Test reports ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP 2A3BPAV455 av455  
Annex for FCC Bluetooth BR/EDR Test Report No. : CTL2205075034-WF Appendix  
A: 20dB Emission Bandwidth Test Result TestMode Antenna DH5 Ant1 2DH5 Ant1  
3DH5 Ant1 Channel 2402 2441 2480 2402 2441 2480 2402 2441 2480 20db EBW  
MHz 0.957 0.954 0.954 1.326 1.326 1.326 1.299 1.302 1.302 FL MHz ...  
lang:es score:16 filesize: 5.27 M page\_count: 21 document date: 2022-07-28



[\[pdf\]](#) Product Photos Teardown

Measurement Report Kent Internal photos ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP  
2A3BPAV455 av455  
BT Antenna ...  
lang:es score:15 filesize: 568.51 K page\_count: 3 document date: 2022-06-01



[\[pdf\]](#) Product Photos

Measurement Report Kent External photos ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER 2A3BP  
2A3BPAV455 av455  
...  
lang:es score:15 filesize: 398.49 K page\_count: 3 document date: 2022-06-01



### [\[pdf\] Product Photos](#)

Measurement Report Kent Test setup photos ZVOX Audio LLC AV455 ACCUVOICE TV SPEAKER  
2A3BP 2A3BPAV455 av455

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