

About ZVOX Audio

The AV205 is a product of ZVOX Audio, a company specializing in convenient single-cabinet sound systems for TVs. ZVOX Audio SoundBase and soundbar products are unique in providing easy-to-connect, single-cabinet solutions for better TV sound. The optical digital and analog audio inputs on the AV205 insure it easily connects to virtually any HDTV. In addition, the AV205 can respond to the client's preferred remote control, not just the supplied ZVOX Audio remote.





Audiologist Guide For Adjusting The ZVOX Audio AV205

The AccuVoice AV205 is a compact amplified speaker system created by ZVOX Audio for the audiology profession. With the AV205, an Audiologist can provide a client with a compact TV sound system configured for the client's specific audio needs.

The AV205 features the ability to switch between three sound modes using the ACCUVOICE button on the client's remote control. Repeated presses of the ACCUVOICE button selects AC 1 and AC 2 and then the normal surround mode (designated by Sd). The programmed AccuVoice mode (AC 1) is created by the Audiologist. Standard AccuVoice mode (AC 2) helps people with minor age-related

hearing loss. The SURROUND button sets which of three multi-channel sound modes is used (Sd 1, Sd 2 and Sd 3). Refer to the User Manual of the AV205 for further information about the controls available on the standard AV205 remote control.

The Audiologist uses the ZVOX Audio Audiology Remote to make the adjustments described below. This remote control is available separately for the Audiology profession and should be retained by the Audiologist. Each AV205 comes with standard remote control, which provides volume, mute and tone adjustments plus selection of the digital or analog input. A diagram of each remote follows.



ZVOX Audio Audiology Remote



ZVOX Audio AV205 Standard Remote

The AV205 has five separate adjustment categories that apply to AC 1 mode:

FOCUS provides three levels of increasing emphasis on dialog, with a corresponding reduction of music, sound effects and other background sounds.

VOICE adds an adjustable amount of synthetic harmonic content to dialog (specifically to "formants") to better suit the remaining hearing capability of a client. There are four increasing levels.

FREQUENCY COMPENSATION provides three increasing amounts of emphasis centered on 4500 Hz. Both amplitude and bandwidth increase with higher settings.

BASS REDUCTION reduces output below 500 Hz. This eliminates distracting elements of wide-range sound that can interfere with dialog intelligibility.

COMPRESSION provides four levels of restricted volume variation. It increasingly forces all program material to be played at the single output level set by the volume control.

Once the five parameters are set by the Audiologist, he or she can review the five settings by repeated presses of the **REVIEW** button. The **CLEAR** button returns all settings to the defaults.

How to adjust the AV205

You need the Audiology Remote to adjust the AV205.

Make sure the AV205 is connected to AC power. To turn on the AV205, you can press the **POWER** button on the AV205 endcap, press the **POWER** button on the standard AV205 remote, or press either **VOLUME** button on the Audiology Remote.

Adjustments:

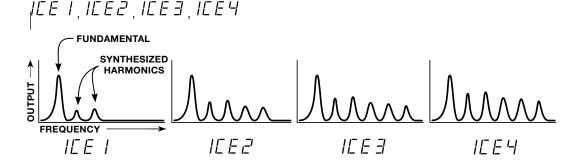
FOCUS: Choose one of three levels for FOCUS using the three buttons. You will see the following when you choose FOCUS level one, two or three: $F \square \square$

Increasing the FOCUS setting reduces parts of the multi-channel audio program that are not monaural. The vast majority of dialog on multi-channel TV, video and movie programming is monaural, so this selectively removes distracting program material.



VOICE: Choose one of four levels for VOICE. You will see the following displays when you choose VOICE level one, two, three or four:

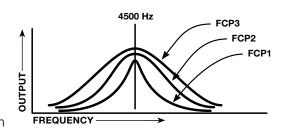
Each setting adds synthetic harmonic content to formants in the audio program. This can increase dialog intelligibility for a client.



FREQUENCY COMPENSATION: Choose one of three levels for FREQUENCY COMPENSATION. You will see the following displays:

FCP I, FCP2, FCP3

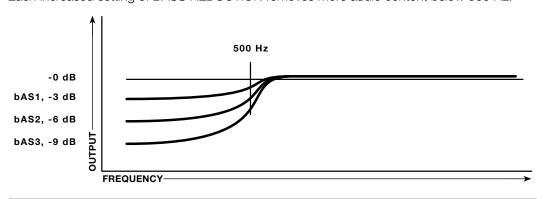
Each setting of FREQUENCY COMPENSATION increases the audio program content centered at 4500 Hz.



BASS REDUCTION: Choose one of three levels for BASS REDUCTION using the three buttons. You will see the following displays:

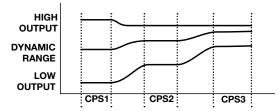
685 I, 6852, 6853

Each increased setting of BASS REDUCTION removes more audio content below 500 Hz.



COMPRESSION: Choose one of three levels for COMPRESSION using the three buttons. You will see the following displays: [P5] [P5] [P5]

COMPRESSION restricts variation in audio program output level.



ALL CATEGORIES: A category that was not adjusted will show a zero when the settings are reviewed—

FOCO,ICEO,FCPO,6850,CPSO,