GENERAL
The VR230B combines an efficient "open-air" headset microphone with a wide-frequency-range, close-talking dynamic microphone. The headset-microphone combination is very lightweight and durable, and extremely comfortable.

The VR230B microphone is particularly useful for voice processing and computer voice recognition. Its close-talking characteristics and unidirectional pickup pattern reduce unwanted background noise, permitting its use in noisy environments. The microphone characteristics are tightly controlled resulting in consistent response and output, while the receiver response is especially tailored to enhance voice intelligibility.

The headband easily adjusts to fit any head size or hairstyle, and the microphone boom length and cartridge position are fully adaptable to any facial conformation. The VR230B's light weight reduces user fatigue even when worn for long sessions.

SPECIFICATIONS
MICROPHONE
Type
Dynamic, Close-Talking

Frequency Response (at 8 mm [5/16 in.])
50 to 15,000 Hz (see Figure 1)

Polar Pattern
Cardioid (unidirectional) response—uniform with frequency, symmetrical about axis (see Figure 2)

RECEIVER
Type
Dynamic, open air, left side only

Frequency Response
100 to 10,000 Hz, tailored for voice intelligibility (see Figure 3)
Impedance
8 ohms at 1,000 Hz

Phasing
Positive voltage on cable conductor produces positive pressure

Output Level (at 1,000 Hz)
94 dB SPL at ear with 1 mW input

Using the Microphone
Snap the microphone boom into the rotating holder below the left earpiece. Put on the headset and adjust the earpads to the most comfortable position. (Remember that this headset is designed only for use with the microphone on the left side.) Slide and twist the microphone boom, and rotate its holder, until the microphone is located as close as possible to the left corner of the mouth (not directly in front). See Figure 6 for optimum microphone position.

Guarantee
This Shure product is guaranteed in normal use to be free from electrical and mechanical defects for a period of one year from date of purchase. Please retain proof of purchase date. This guarantee includes all parts and labor. This guarantee is in lieu of any and all other guarantees or warranties, express or implied, and there shall be no recovery for any consequential or incidental damages.

Shipping Instructions
Carefully repack the unit, have it insured, and return it prepaid to:
Shure Brothers Incorporated
Attention: Service Department
222 Hartrey Avenue
Evanston, Illinois 60202-3696

If outside the United States, return the unit to your dealer or Authorized Shure Service Center for repair. The unit will be returned to you prepaid.