

SHURE**MICROPHONES AND ELECTRONIC COMPONENTS**

AREA CODE 312/328-9000 • CABLE SHUREMICRO

MODEL CA5A-J ULTRA-MINIATURE CERAMIC MICROPHONE

The CA5A-J is an ultra-miniature ceramic microphone. The frequency response is equivalent to standard microphones of much greater size. The CA5A-J is ideal for hearing aids, small headpiece microphones, pocket walkie-talkies, dictating machines, musical instruments, intelligence and security work, and other applications requiring a miniature microphone.

The generating element is lead-zirconate-titanate which provides reliable use over wide temperature ranges. The ceramic structure is inherently more stable than electro-magnetic units of similar size. The low end response is easily controlled by external load.

SPECIFICATIONS

TYPE: Ceramic element

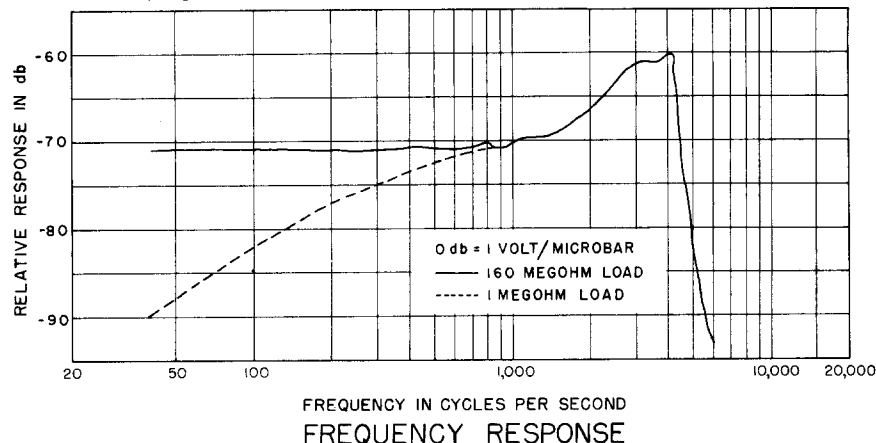
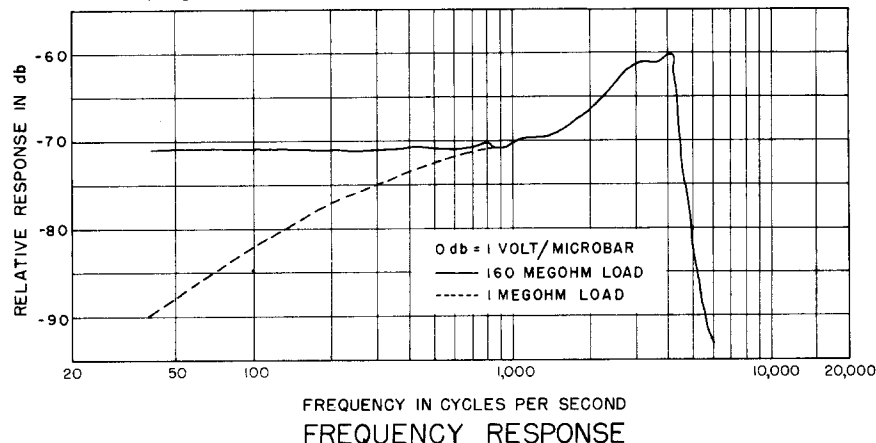
FREQUENCY RANGE: 50 - 4500 Hz.

IMPEDANCE: Equivalent to 400 pfd

OUTPUT LEVEL: -70 db re 1 volt/
microbar (.31mv)TEMPERATURE RANGE: -20° to 200°
FahrenheitHUMIDITY RANGE: Unaffected by
humidity

SIZE: See Figure A

WEIGHT: 3/4 gram

**OVERALL DIMENSIONS
FIGURE A****FIGURE B**