



**MICROPHONES • HEADPHONES**  
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 100 EAST 42nd STREET, NEW YORK, NEW YORK 10017

# CARDIOID Dynamic Microphone



**D-19E/200**



## DESCRIPTION

The D-19E/200 dynamic cardioid microphone is a successor to the famous D-19C. The microphone excels in high recording quality and true fidelity reproduction as well as ruggedness and ease of operations.

A self-contained bass switch can be set to a "speech" position which provides clear response at close talking range, even for very low voice frequencies.

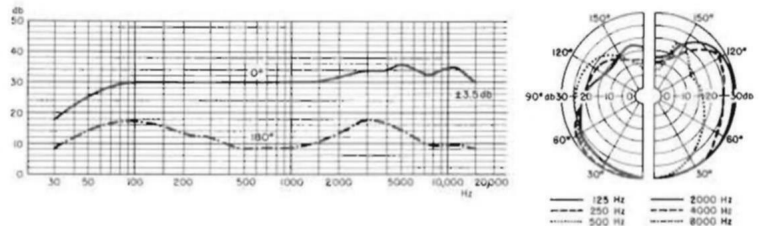
Music recordings taken with the D-19E/200 are characterized by the feeling of extended effortless wide-range. An effective magnetic shielding allows good pickup even at very low sound levels.

The effective front-to-back cardioid design is of help to the recordist even under less-than-desirable studio conditions. The cardioid characteristic down to the bass enables the user to get first class recordings.

The D-19E/200 is supplied with a stand adapter, 15' cable with Cannon XLR-3 connector and case.

## TECHNICAL DATA

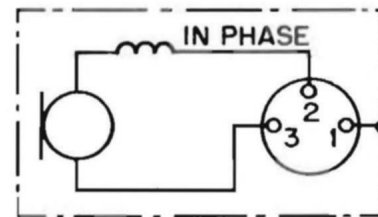
Frequency response	40-16,000 Hz $\pm$ 3.5 db
Sensitivity	-52 db (re 1 mW/10 dynes/cm <sup>2</sup> )
Impedance	200 ohms
Directional characteristics	Cardioid
Bass attenuation switch	0 and -10 db at 50 Hz
Dimensions	6" long, 1-7/16" diameter
Net Weight	5.7 ounces



## ACCESSORIES

- W-24.....Windscreen
- H-24.....Anti-shock suspension
- SA-10/3.....Stand adapter (around connector)
- MK.....Series cables
- AKG.....Standard and anti-shock stands

## CONNECTION DIAGRAM



## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The microphone shall be of a cardioid dynamic type with a frequency range of 40 to 16,000 Hz and the frequency response shall be  $\pm$  3.5 db. The front-to-back discrimination shall exceed 18 db at 1,000 Hz at a sound incidence angle of 180°, and an effective cardioid characteristic shall be maintained over the entire frequency range.

The output level shall be -52 db (re 1 mW/10 dynes/cm<sup>2</sup>) at 200 ohms impedance ( $\pm$  20%) and the microphone shall be capable of handling a maximum sound pressure level of 400  $\mu$ bar (126 db SPL) with distortion not exceeding 0.5%.

A metal wire mesh screen, commensurate with the acoustical properties of the unit, shall protect the microphone system from iron

particles and dust. The diaphragm material shall be non-metallic MAKROFOL.

The microphone shall incorporate a bass roll-off switch 0 and -10 db at 50 Hz, operated by a control ring located at the neck of the microphone.

The finish of the microphone shall be matte light gray and shall not reflect light. The microphone shall incorporate a 3-pin male XLR Cannon receptacle, and shall be provided with a swivel stand adapter suitable for standard 5/8"-27 thread.

The microphone shall be 7 1/2" long by 17/16" diameter, and the weight shall not exceed 6 ounces.

The microphone specified shall be the AKG D-19E/200.

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