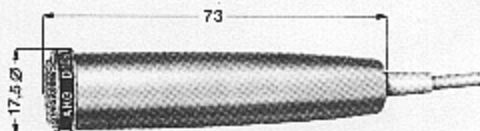


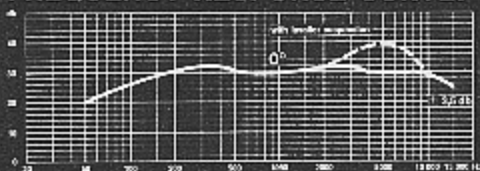
Dimensions [mm.]:



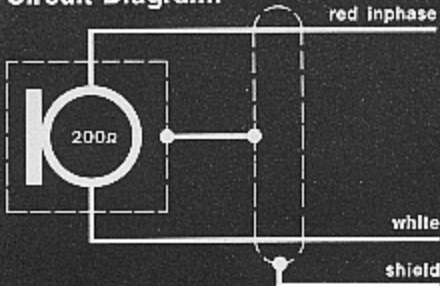
D109

The frequency response of the microphone is attenuable by raising or lowering the funnel-shaped lavalier attachment (within the range of 6000 ... 7000 Hz by + 10 db): therefore it compensates the effects when used in the chest position

FREQUENCY RESPONSE CURVE:



Circuit Diagram:



Attractively styled and miniaturized

Weight: only 35 g.

Omni-directional characteristic

D 109 without lavalier attachment:
for inconspicuous use as
a handheld microphone

Cable length 10 m.

Technical data:

Type: Dynamic pressure receiver
Frequency Response: 50 ... 15 000 Hz
Tolerance within: max. $\pm 3,5$ db
Sensitivity at 1000 Hz: 0.1 mV/ μ bar (-80 dbv)
Impedance at 1000 Hz: 200 ohms $\pm 15\%$
Min. Actual Load Impedance: 400 ohms
Directional Polar Response: spheric
Weighted Noise Level: 0.26 μ veff (filter CCITT-C/DIN 45 405)
Unweighted Noise Level: 0.2 μ veff
Max. Sound Pressure Level at a distortion factor of 0.5% at 1000 Hz:
500 μ bar (128 db SPL)
Diaphragm: MAKROFOL®

When ordering please note:

D 109: cable length 10 m., cable ends free

Weight:

D 109: 35 grams (without cable)
75 grams (with cable)
Lavalier suspension: 10 grams
With individual packing: approx. 420 grams

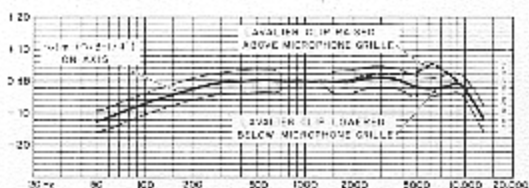
D-109 Lavalier Dynamic

**...The majority choice
for natural-voice "hands-free" use.**

This small, attractively styled broadcast-quality microphone is intended for inconspicuous use in public address, television and motion-picture applications. It is lightweight and reproduces sound clearly and naturally because its response characteristics have been specially contoured to overcome the "booming" resonance of the human chest cavity.

The D-109 offers more than average output (two to four times more sensitivity) to insure sufficient gain with all types of amplification equipment. High-frequency response and "presence" are adjustable simply by moving the lavalier clip.

Supplied complete with 29½' non-detachable lightweight cable, lavalier clip with tie clasp, lavalier cord, and foam-lined vinyl case.



Transducer Type: Dynamic

Directional Characteristic: Omnidirectional

Sensitivity: -58 dBm (EIA G_m : -151 dBm)

Finish: Nickel-plated brass

Overall Dimensions: 2⅞" long x 1⅛" dia.

Net Weight: 5½ oz (including cable)