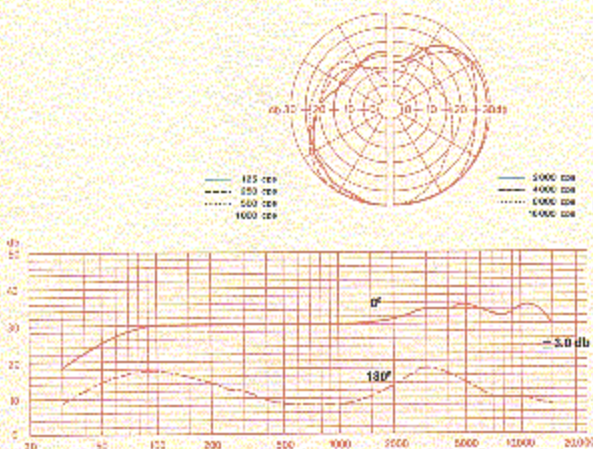
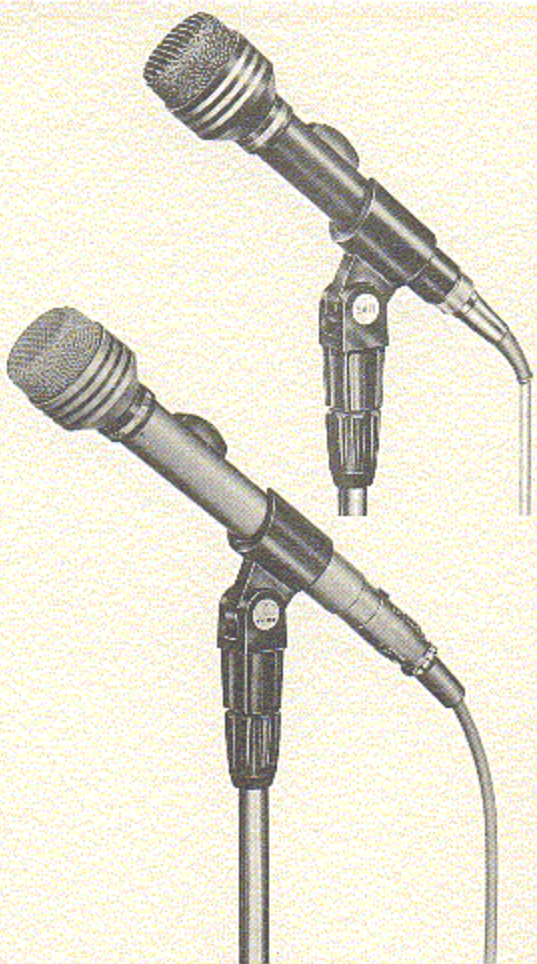


- General purpose microphone for professional requirements
- Dynamic, cardioid
- Compact, rugged, elegant
- D 119CS: satin-black, single impedance (200 ohms)
- D 119ES: satin-silver (non reflecting) 60, 200, 50 000 ohms at 5 pin-XLR connector
- Silent on-off switch
- Bass attenuator 0 to -10 db at 50 cps
- Swivel-mounted quick-disconnect SA 11 (fits all stand threads)
- Individual frequency curve supplied with each mike



Frequency Range: 30 ... 16 000 cps; Sensitivity for 60 ohms impedance: 0.10 mV/ μ bar (-80 dbv); for 200 ohms impedance: 0.18 mV/ μ bar (-75 dbv); for 50 000 ohms impedance: 2.00 mV/ μ bar (-54 dbv); Impedance: D 119CS: 200 ohms $\pm 20\%$; D 119ES: 60, 200, 50 000 ohms $\pm 20\%$; Min. Actual Load Impedance: D 119CS: ≥ 400 ohms; D 119ES: $\geq 150, 400, 100\ 000$ ohms; Weighted Noise Level: 0.27 μ Veff (Filter CCIF 1954 DIN 45 405); Unweighted Noise Level: 0.2 μ Veff; Max. Sound Level (for 0.5% thd): 400 μ bar (126 db).

Order number: **D 119CS** delivery includes:

- Dynamic Cardioid Microphone D 119CS (200 ohms impedance), 180 g
- AKG mating connector 1483 Var. 1, 30 g
- Stand adapter SA 11 (quick disconnect), 40 g
- Windscreen W 1
- Leatherette carrying bag, 80 g
- Individual frequency curve
- Weight with individual packing, 540 g.

Order number: **D 119ES** delivery includes:

- Dynamic Cardioid Microphone D 119ES (60, 200 and 50 000 ohms impedance), 220 g
- Stand adapter SA 11 (quick disconnect), 40 g
- Windscreen W 1
- Leatherette carrying bag, 80 g
- Individual frequency curve
- Weight with individual packing, 550 g.

Required mating connector CANNON XLR-5-11C (not included in price).

D 119
Dynamic
Cardioid
Microphone



DYNAMIC CARDIOID MICROPHONE

D 119ES

● PROFESSIONAL DYNAMIC CARDIOID MICROPHONE

● IMPEDANCES OF 60 OHMS, 200 OHMS
AND 50 000 OHMS AVAILABLE AT FIVE-POLE
CANNON CONNECTOR OUTPUT

● THIS PERMITS DIRECT CONNECTION OF THE
MICROPHONE TO ANY NORMAL AMPLIFIER INPUT

● ONLY 3 db PERMISSIBLE DEVIATION FROM FLAT
FREQUENCY RESPONSE CURVE, THEREFORE
HIGH-FIDELITY RECORDING OVER ENTIRE
FREQUENCY RANGE (30 ... 16 000 cps)

● LOW-NOISE ON-OFF SWITCH

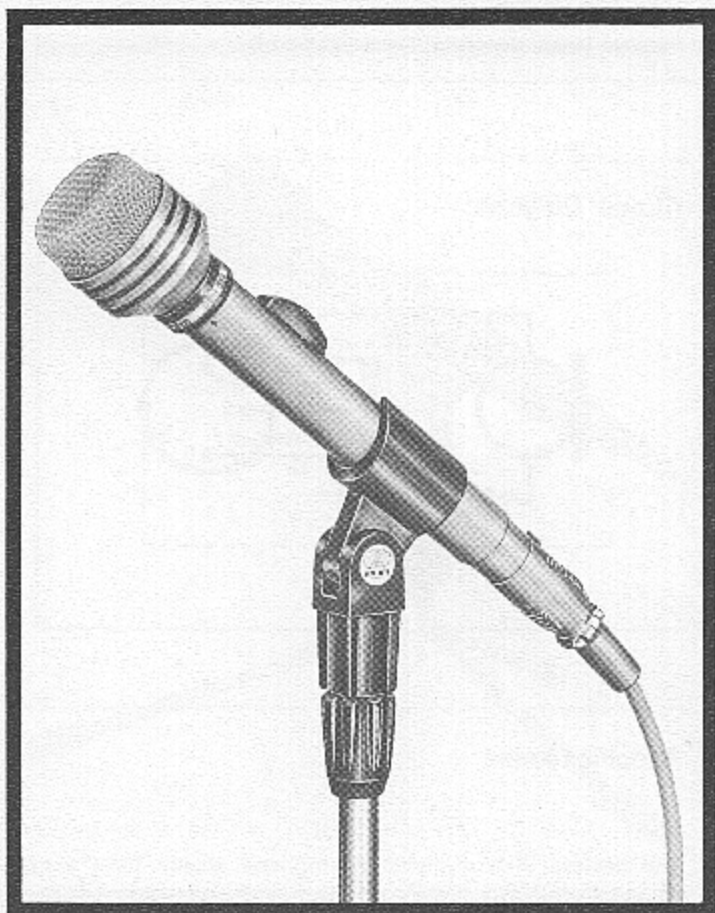
● ELEGANT, SLIM, CONVENIENT SHAPE,
MATTE SILVER HOUSING

● PRONOUNCED DIRECTIONAL CHARACTERISTIC

● CONTINUOUS BASS ATTENUATION FROM 0 TO
-10 db AT 50 cps OPERATED BY CONTROL RING

● SWIVELING STAND ADAPTER INCLUDED

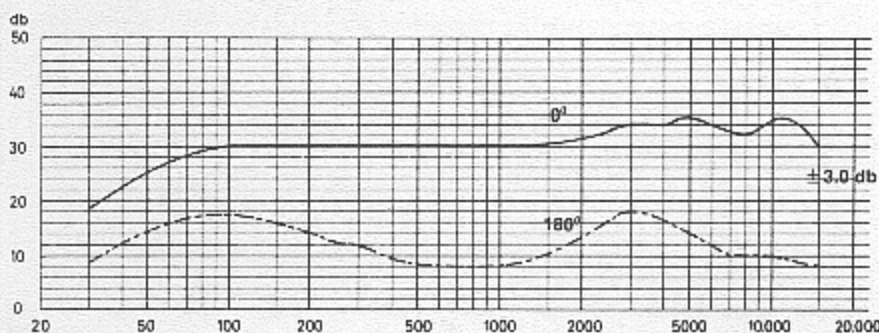
● INDIVIDUALLY MEASURED FREQUENCY RESPONSE
CURVE INCLUDED WITH EACH MICROPHONE



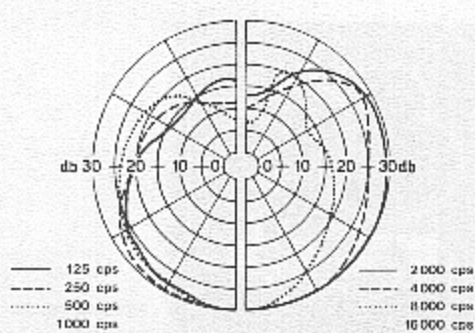
The AKG D 119ES represents an advanced version of the famed D 19E. Like the D 19, it provides three different impedances (60 ohms, 200 ohms and 50 000 ohms) at the five-pole Cannon connector; it has the same excellent directional characteristic, the same wide frequency range, and the continuous bass attenuation from 0 to -10 db at 50 cps operated by a control ring. However, it was possible to improve the response curve as compared to the D 19E.

As a new feature, a noiseless on-off sliding switch was added on the neck of the microphone, augmenting the extremely elegant exterior design (matte chromium plating). The quality of the microphone is documented by an individually measured (!) frequency response curve included with each microphone.

FREQUENCY RESPONSE CURVE:



POLAR DIAGRAM:



Technical Data:

Type: Dynamic pressure gradient receiver

Frequency Range:

30 ... 16 000 cps (see published frequency curve)

Sensitivity at 1000 cps:

at 60 ohms impedance: 0.1 mV/ μ bar (-80 dbv re. 1 v/dyne/cm²)

at 200 ohms impedance: 0.18 mV/ μ bar (-75 dbv re. 1 v/dyne/cm²)

at 50 000 ohms impedance: 2.0 mV/ μ bar (-54 dbv re. 1 v/dyne/cm²)

Microphone Rating: GM = -146 db; -54 db re. 1 mV/10 dyne/cm²

Impedance:

60 ohms $\pm$ 20%, 200 ohms $\pm$ 20% and 50 000 ohms $\pm$ 20%

Min. Actual Load Impedance: $\geq$ 150, 400, 100 000 ohms

Directional Characteristic: Cardioid (see published polar diagram)

Weighted Noise Level: 0.27 μ veff (Filter CCIF 1954 DIN 45405)

Unweighted Noise Level: 0.2 μ veff

Max. Sound Pressure Level at a distortion of 0.5%:

400 μ bar (126 db SPL)

Diaphragm: non metallic MAKROFOL

Built-in Connector: Cannon XLR-5-50

Required Mating Connector: Cannon XLR-5-11C

Order Information and Standard Accessories:

Order number **D 119ES** delivery includes:

Dynamic cardioid microphone D 119ES (impedance 60, 200 and 50 000 ohms), stand adapter SA 11, windscreen W 1, individual frequency curve, in elegant leatherette case.

Weights:

D 119ES 220 grams

SA 11 40 grams

W 1 1 gram

Leatherette case 80 grams

Weight with individual packing: 550 grams

Recommended Accessories:

St 1: Table stand

St 11: Table stand

St 102A: Floor stand with brace

St 200: Professional floor stand

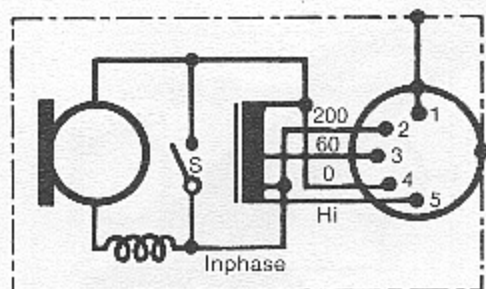
St 201: Lightweight telescopic floor stand

H 24: Elastic microphone suspension

MK 3/10: Microphone cable

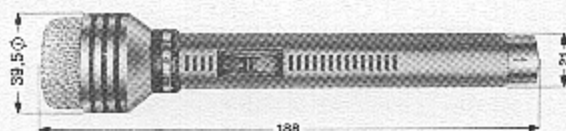
MK 3/5: Microphone cable

Circuit Diagram:



Dimensions:

(in mm)



Specifications:

The desired ideal dynamic microphone should have a pronounced directional characteristic. The frequency range should extend from 30 to 16 000 cps; its smooth frequency response must not deviate from the specification by more than $\pm$ 3 db. Its cancellation should exceed 18 db at 1000 cps and a sound incidence angle of 180°.

A noiseless on-off sliding switch should be provided on the microphone neck; a continuous bass attenuator operable by a control ring should range from 0 to -10 db at 50 cps. Three different impedances (60 ohms, 200 ohms and 50 000 ohms) should be available at the five-pole cannon connector output. The color of the microphone should be silvery and must not reflect light. A swiveling stand connector is to be included and should fit any stand by means of a thread adapter which is built in. A wind protector mitten made of Fufuon should be included and should guarantee recordings of high quality made outdoors. The microphone should have a length of 188 mm and a maximum diameter of 39.5 mm.

The AKG microphone D 119ES meets this description of an ideal dynamic cardioid microphone of universal application for studio requirements.