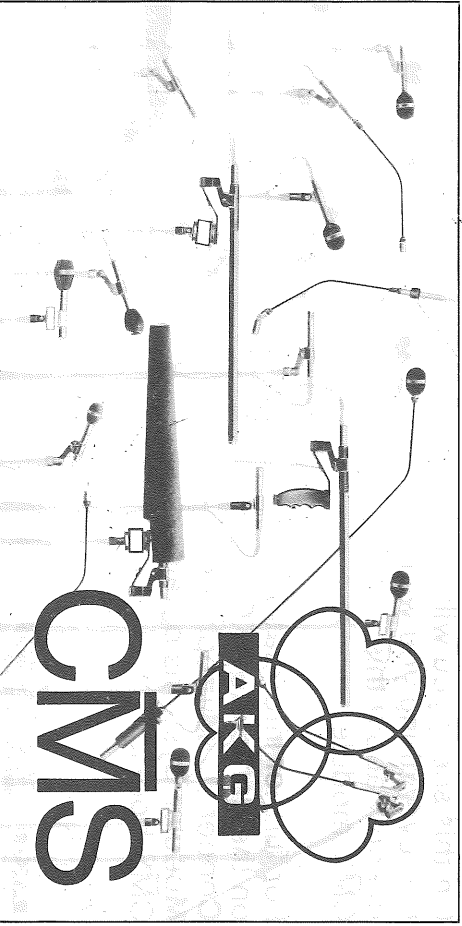


On this sheet you will find everything you wish to know about this CMS-module.

For further information on the complete AKG-Condenser-Microphone-Modular-Systems obtain CMS-booklet



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AKUSTIKSTRASSE 15, BRUNNENHANGASSE 1
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CK 5

Stable AKG condenser capsule:
Integrated ceramic electrode, highly stable, aging-resistant diaphragm

Wide transmission range from 20 ... 20 000 Hz

Directional characteristic: frequency-independent cardioid, with uniform front-to-back cancellation

180° cancelling > 20 db

Internally suspended system

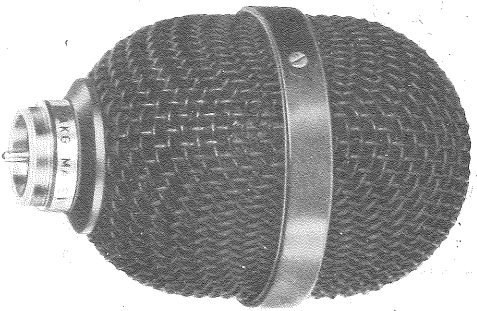
Frequency response is compensated for proximity effect characteristics

Ideal as soloist microphone:

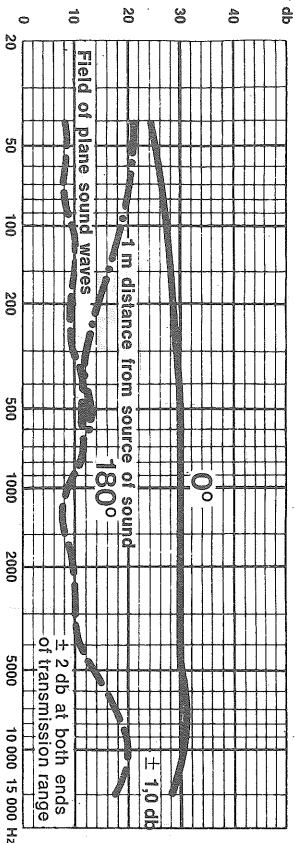
insensitive to mechanical shock and handling noise

Built-in wind- and pop-screen

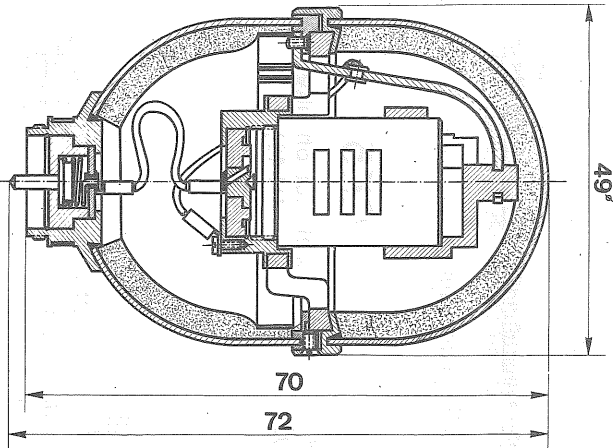
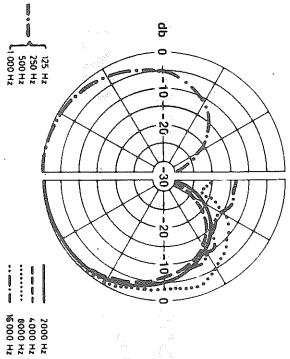
Functions up to 99% relative humidity



Frequency response curve



Polar diagram



Technical Data:

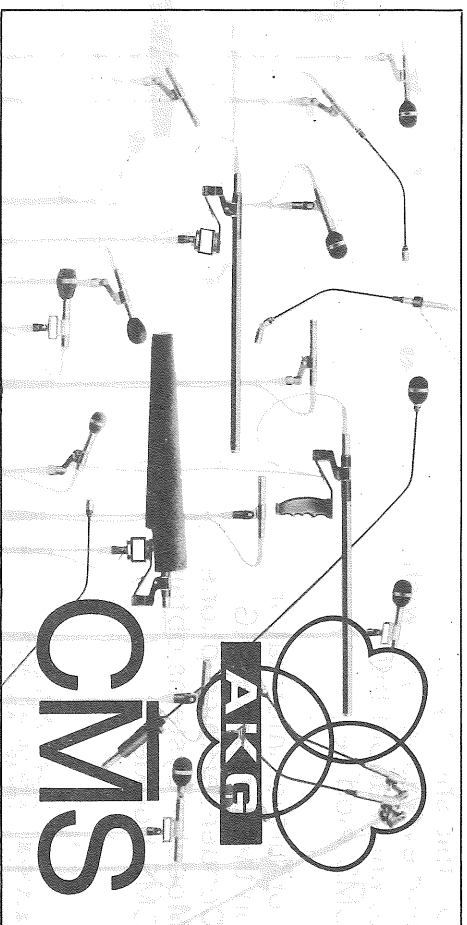
Type: Pressure gradient receiver
Frequency Range: 20 ... 20 000 Hz
Directional Characteristic: frequency independent cardioid
Sensitivity at 1000 Hz: 0.95 mV/ μ bar $\pm$ 9.5 mV/Pa
Unweighted Noise Level: 3.6 μ Veff
Equivalent Noise Level: 2.3 μ Veff
Capacitance: 27 pF
Weight: 100 g.; gross weight: 200 g
Temperature Range: -20° C ... +60° C
Humidity: at 20° C ... 99%, at 60° C ... 95%
MEASURING TECHNIQUE:
The capsule has been measured with an AKG standard measuring preamplifier with following technical data:
No-load Amplification: 0.47
Input Capacitance: 12 pF
Polarisation Voltage: 62 V

On this sheet you will find everything you wish to know about this CMS-module.

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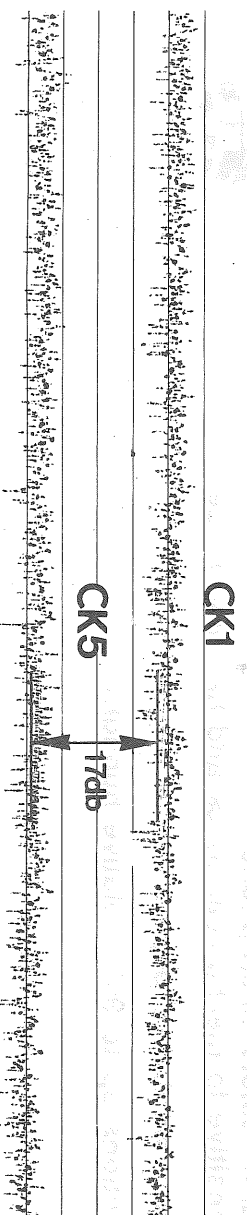
CK 5

The rugged wire mesh windscreen is internally lined with polyurethane foam material (6 mm. $\pm$).
Fig. 1 illustrates the suppression of wind-noise in comparison to the CK 1. At a wind velocity of approximately 20 miles per hour the attenuation is 17 db.

Fig. 2 illustrates the suppression of shock-born sound by the CK 5 suspension. The frequency of the shock pulse was at the critical lower frequency. Further suppression of shock noise may be obtained by replacing the C 451 preamplifier with the C 451.B version or by utilizing the roll-off-filter incorporated in the N 46 or the cut-off-filter of the N 46 (Fig. 3).

Wind-noise compensation

Fig. 1



Shock-noise compensation

Fig. 2

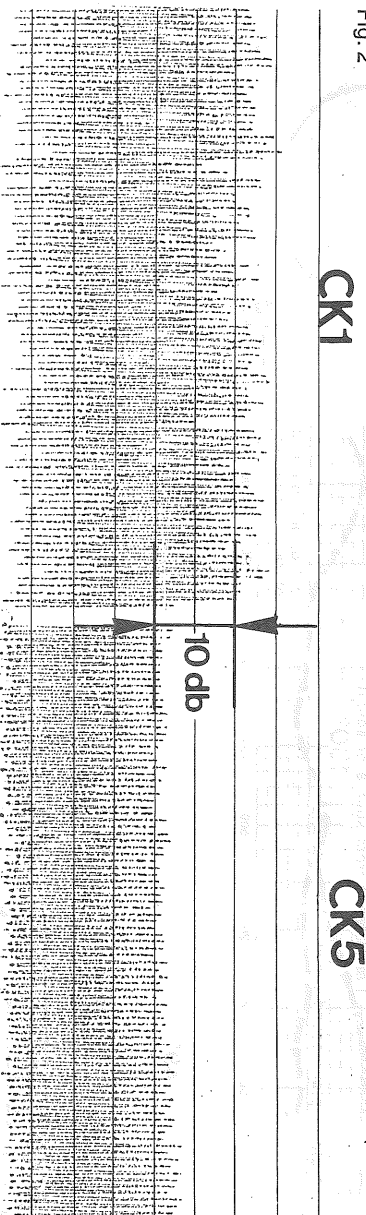


Fig. 3

