



CK 22 OMNIDIRECTIONAL CONDENSER CAPSULE

Integrated pop filter

Integrated ceramic electrode, highly stable, aging-resistant diaphragm

Linear frequency response over the entire transmission range between 20 ... 20 000 Hz

Omni-directional characteristic, independent of frequency

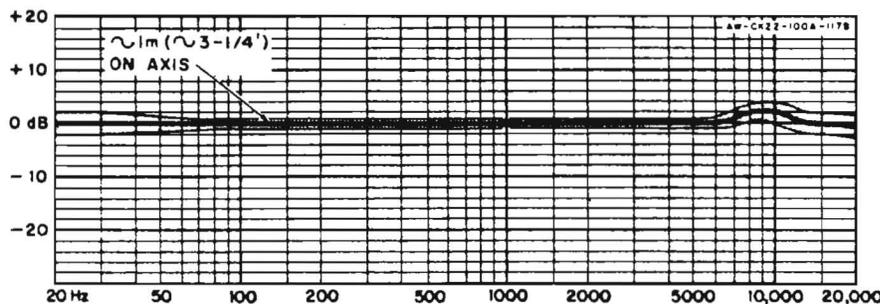
Functions up to 99% relative humidity



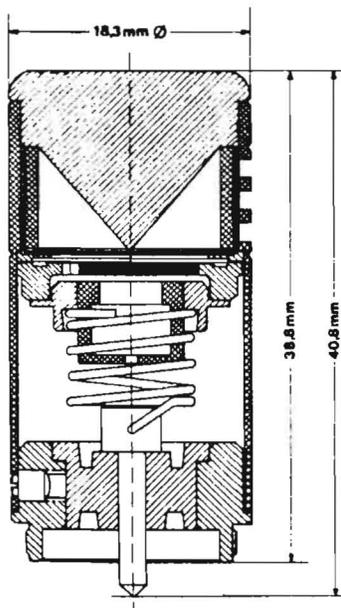
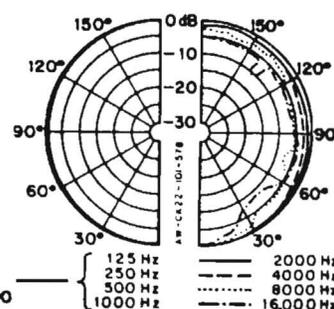
REPLACES CK-2

Available in two versions:
standard matte-nickel finish
and satin-black-chrome finish.

Frequency response curve



Polar diagram



Technical Data:

Transducer type: pressure receiver
Frequency range: 20 ... 20 000 Hz
Polar response: omni-directional
Sensitivity at 1000 Hz: $0.8 \text{ mV}/\mu\text{b} \approx 8 \text{ mV}/\text{Pa}$
Unweighted noise level: $3.6 \mu\text{V r.m.s.}$
Weighted noise level: $2.3 \mu\text{V r.m.s.}$ } measured with filter
Equivalent noise level: 23 dB } CCITT-C acc. to DIN 45405
Capacitance of transducer: 27 pF
Weight: 40 g net, 80 g gross
Operating temperature range: $-20^\circ\text{C} \dots +60^\circ\text{C}$ (0°F to 140°F)
Rel. humidity: at 20°C (68°F) up to 99 %
 at 60°C (140°F) up to 95 %

Measuring conditions:

The transducer has been measured with an AKG standard preamplifier with the following data:
No load amplification: 0.47
Input capacitance: 12 pF
Polarisation voltage: 62 volts
Output impedance: 120 ohms

