



CK 31

- Cardioid polar pattern
- 125° pickup angle
- Screw-on Capsule Module
- Highly efficient windscreen

The cardioid is the most popular polar pattern since it can be used almost universally. The 125° pickup angle is especially suited for inexperienced or very "vivacious" talkers who often fail to talk directly into the microphone. The body is identical to that of the CK 32 and CK 33.

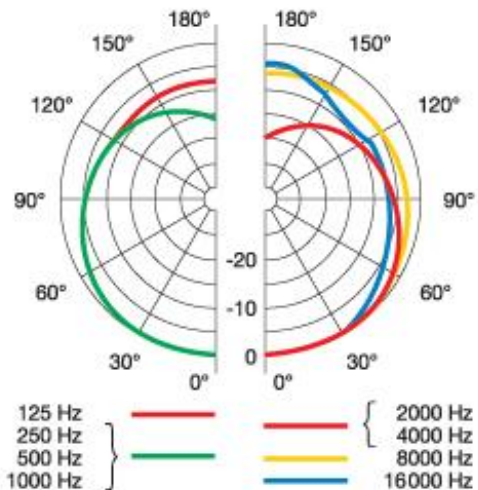
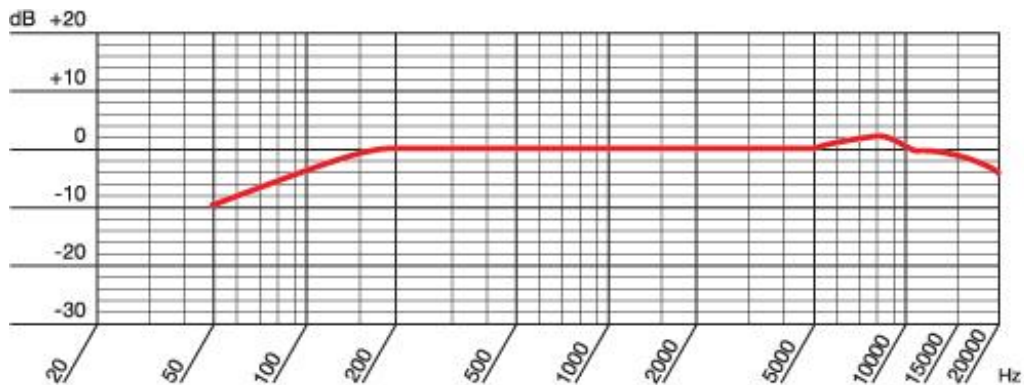
Suitable Discreet Acoustics modules: all GN gooseneck modules, HM 1000 hanging module, LM 3 Lavalier module.

Specifications

Polar pattern	cardioid
Pickup angle	125°
Frequency range	50 to 20,000 Hz
Sensitivity	20 mV/Pa (-34 dBV) re 1 V/Pa
Max. SPL	125 dB (for 1 % THD)
Equivalent noise level	21 dB-A
Signal/noise ratio (A-weighted)	73 dB
Impedance	<=600 ohms
Recommended load impedance	>=2,000 ohms
Supply voltage	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)

Current consumption	<3 mA
Connector	Discreet Acoustics Modular standard
Finish	matte dark grey
Dimensions	13.5 dia. x 20 length mm (0.5 dia. x 0.8 in. length)
Net weight	5 g (0.17 oz.)
Shipping weight	88 g (3.1 oz.)

Graphical data



CK 31

Engineer's specifications

The microphone shall be a screw-on cardioid capsule that mates with the AKG Discreet Acoustics Modular Series. The microphone shall accept phantom powering over the universal range from 9 to 52 volts dc. The response shall be flat on-axis from 150 Hz to 6 kHz (± 2 dB), with a low frequency rolloff below 150 Hz that reaches 10 dB at 50 Hz, and response at 20 kHz that is no more than 4 dB, relative to the midband response. The microphone shall have a sensitivity no less than 20 mV/Pa (34 dBV), and the total harmonic distortion (THD) at an operating acoustical level of 125 dB shall be no greater than 1%. The electrical impedance shall be no greater than 600 ohms. Electrical mating contacts for mounting the microphone shall be gold plated for positive, trouble free operation over long periods. The microphone shall be the AKG CK 31. Net/shipping weight: 5/88 g (0.17/3.1 oz.).