

C104

PROFESSIONAL LARGE DIAPHRAGM CARDIOD
CONDENSER MICROPHONE

AKG®

SPEC SHEET



OVERVIEW

Immerse yourself in outstanding audio performance and effortless operation with the AKG C104 Large Diaphragm Cardioid Condenser Microphone. Born from a rich musical heritage and designed for today's modern content creators, it's the perfect tool for podcasters, streamers, and video producers.

Featuring a precision cardioid capsule and an optimized transformerless FET circuit, it delivers pristine sound clarity while making a striking on-screen impression.

Sustainability is built into its very design—the microphone body is crafted from 100% recycled PIR metals and alloys, and every element from packaging to accessories is engineered for minimal environmental impact.

Elevate your content with the AKG C104 Large Diaphragm Cardioid Condenser Microphone, where classic inspiration meets modern innovation.

KEY MESSAGES

Nickle-Sputtered Large Diaphragm

The diaphragm is made of a plastic foil that is nickel sputtered on one side to prevent shorting to the back electrode even at extremely high sound pressure levels..

High Headroom, Minimum Distortion

Capable of handling sound pressure levels up to 143dB without introducing perceptible distortion, the microphone will give excellent results in a wide range of applications.

Ultra-Wide Dynamic Range

With an extremely low noise floor and high Max SPL, the C104 can clearly capture nearly any source. From loud electric guitars to the faintest whispers, you'll get a clean, detailed recording every time.

Environmentally Friendly Design

The C104 microphone is thoughtfully designed and engineered to enhance sustainability. The microphone bodies are made from 100% recycled PIR metal, and the accessories are designed with sustainability as a key priority. Packaging is engineered for minimal environmental impact and is fully recyclable.

APPLICATIONS

- Music Recording
- Podcasting and Video Blogging
- Web Streaming, Web Conferencing, and Gaming
- Broadcasting

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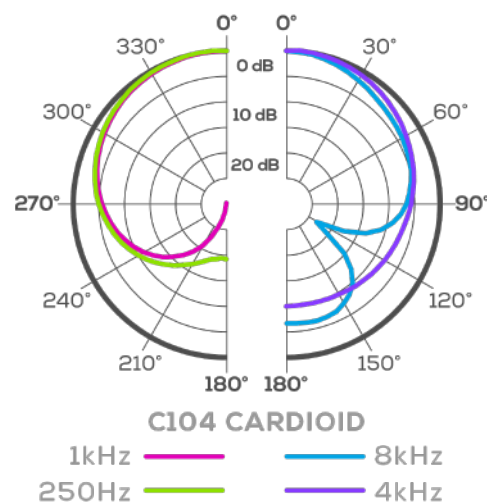
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TECHNICAL SPECIFICATIONS

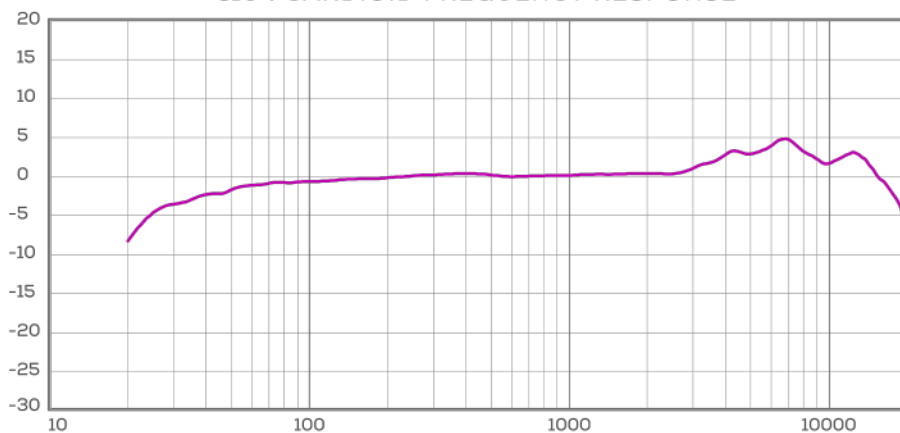
Capsule Type	22mm Electret Condenser Diaphragm
Polar Pattern	Cardioid
Sensitivity	13.5mV/Pa (-37.5 dBV)
Frequency Response	20 Hz – 20 kHz (see frequency response trace)
Electrical Impedance	≤ 200 ohms
Recommended Load Impedance	≥ 1000 ohms
Self-Noise Level	14dB(A) SPL
Signal to Noise	80dB re 1 Pa
Max SPL for 0.5% THD	143dB SPL
Temperature Range	-5 to 50 °C (23 to 122 °F)
Phantom Powering	48V +/- 4V to IEC 61938
Current Consumption	≤ 5 mA
Connector	3-pin XLR (pin 2 hot)
Length	158mm
Width	47mm
Height	35mm
Product Weight	375g

IN THE BOX

- C104 Microphone
- H81 Stand Mount
- Quick Start Guide



C104 CARDIOID FREQUENCY RESPONSE



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