



C 451 B

- **Identical acoustics to legendary CK 1**
- **Precise, nearly frequency independent cardioid**
- **Extremely accurate signal transfer and ruler-flat on-axis frequency response**
- **Also available as a matched stereo pair**

Responding to growing demand, AKG decided to make the C 451 B with the same acoustic performance as the popular original C 451 EB + CK 1, with dramatically improved specifications. Using an extremely light diaphragm, the new C 451 B is almost totally insensitive to handling noise. Other features include an all-metal body for excellent protection from RF interference and high reliability for excellent results under almost all conditions.

The C 451 B is an excellent tool for accurately capturing signals rich in transients such as drums, instruments with a percussive sound, acoustic guitar, or for overhead miking.

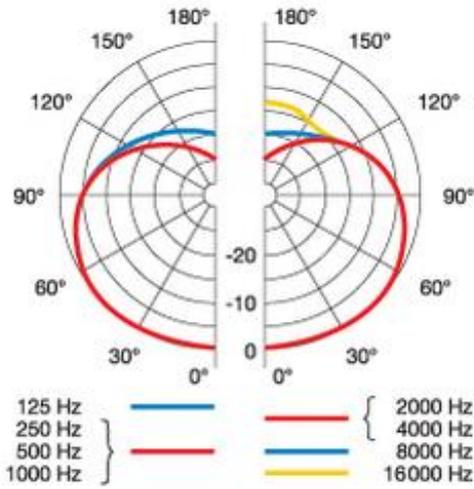
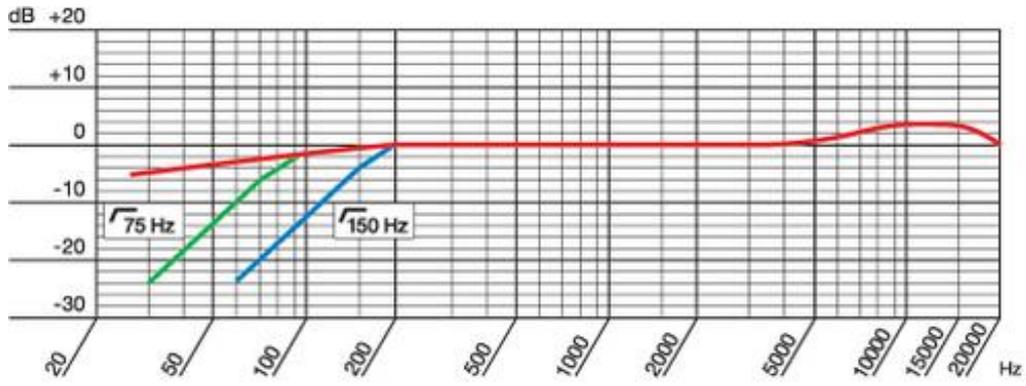
Also available as a matched stereo pair C 451 B/ST with complete accessories in a carrying case (Soundtool case, middle size).

Specifications

Polar pattern	cardioid
Frequency range	20 to 20,000 Hz
Sensitivity	9 mV/Pa (-41 dBV)
Max. SPL	135/145/155 dB (0/-10/-20 dB) (k=0,5%)
Equivalent noise level (CCIR 468-3)	29 dB
Equivalent noise level	18 dB-A

Signal/noise ratio (A-weighted)	76 dB
Preattenuation pad	0 dB, 10 dB, 20 dB selectable
Bass filter	flat, 12 dB/octave at 75 or 150 Hz, selectable
Impedance	<200 ohms
Recommended load impedance	>1000 ohms
Supply voltage	9 to 52 V phantom power to DIN 45596
Current consumption	<2 mA
Connector	3-pin XLR
Finish	satin nickel plated
Dimensions	19 dia. x 160 mm / 0.75 dia. x 6.3 in.
Net weight	125 g / 4.4 oz.
Shipping weight	760 g / 1.7 lbs.
Patent(s)	Electrode for condenser transducers (Patent no. AT 385.386, US 4.790.021) Electrode support for condenser transducer (Patent no. AT 392.182, DE 4.021.661)

Graphical data



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