



## 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.

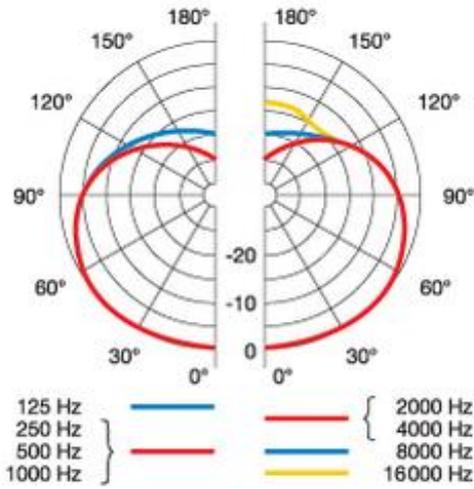
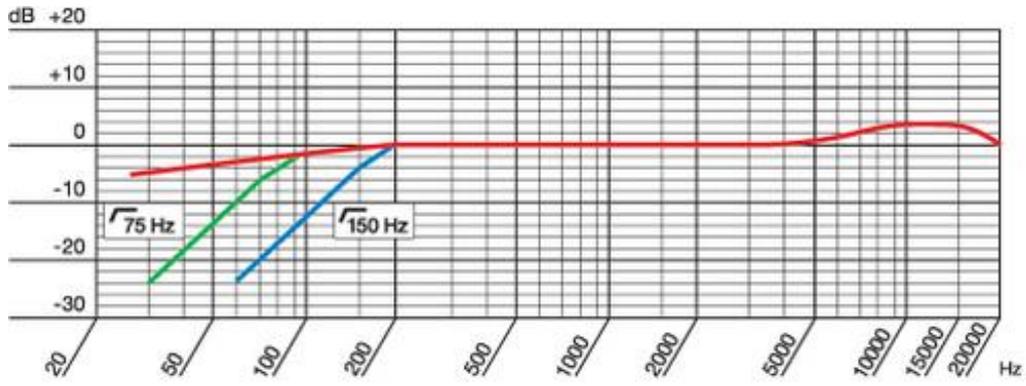
Also available as a matched stereo pair C 451 B/ST with complete accessories in a carrying case (Soundtool case, middle size).

## Specifications

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

<b>Signal/noise ratio (A-weighted)</b>	76 dB
<b>Preattenuation pad</b>	0 dB, 10 dB, 20 dB selectable
<b>Bass filter</b>	flat, 12 dB/octave at 75 or 150 Hz, selectable
<b>Impedance</b>	<200 ohms
<b>Recommended load impedance</b>	>1000 ohms
<b>Supply voltage</b>	9 to 52 V phantom power to DIN 45596
<b>Current consumption</b>	<2 mA
<b>Connector</b>	3-pin XLR
<b>Finish</b>	satin nickel plated
<b>Dimensions</b>	19 dia. x 160 mm / 0.75 dia. x 6.3 in.
<b>Net weight</b>	125 g / 4.4 oz.
<b>Shipping weight</b>	760 g / 1.7 lbs.
<b>Patent(s)</b>	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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