



C 426 B comb

- Two gold-sputtered dual-diaphragm transducers arranged as a coincident pair
- Stereo angle adjustable between 0 and 270 degrees
- Nine remotely selectable polar patterns for each channel

A compact and highly refined microphone system for the most critical single-point stereo recording applications..

Two gold-sputtered dual-diaphragms are arranged in a coincident pair. The microphone head can be rotated 45 degrees against the shaft and the upper capsule rotated 270 degrees against the lower to facilitate quick changeovers between M/S and X/Y techniques. Two LEDs mounted on each rotating capsule provide quick visual verification of the capsule angle from a distance. Switches on the microphone shaft select a bass cut and 10-dB preattenuation pad.

The supplied remote control allows completely noiseless selection among the nine polar patterns available for each capsule.

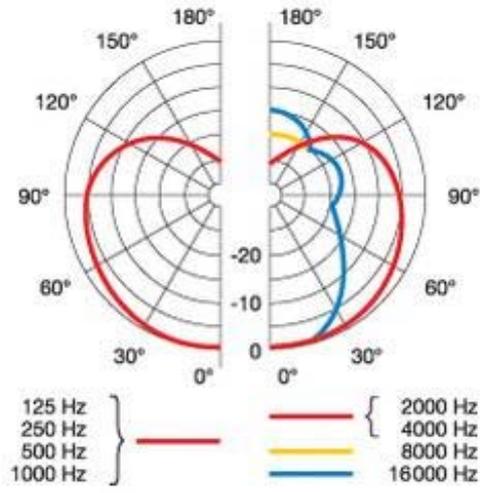
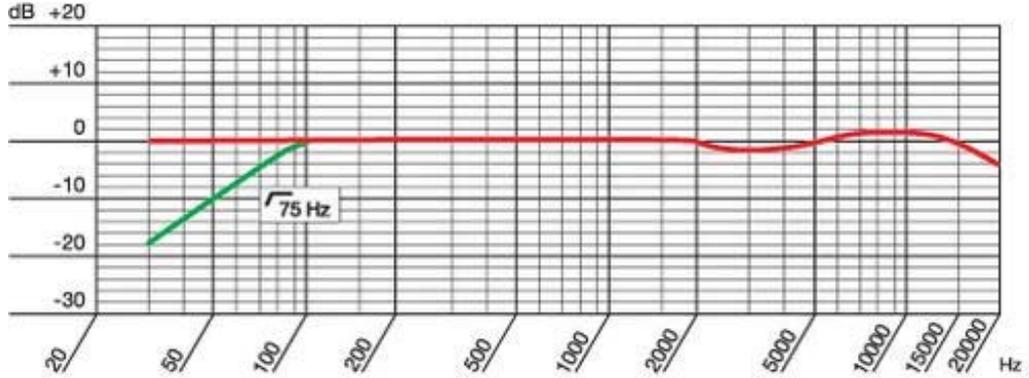
The C 426 B comb comes complete with a shock mount/stand adapter, foam windscreen, 66-ft. (20-m) connecting cable, sturdy carrying case, and remote control.

Specifications

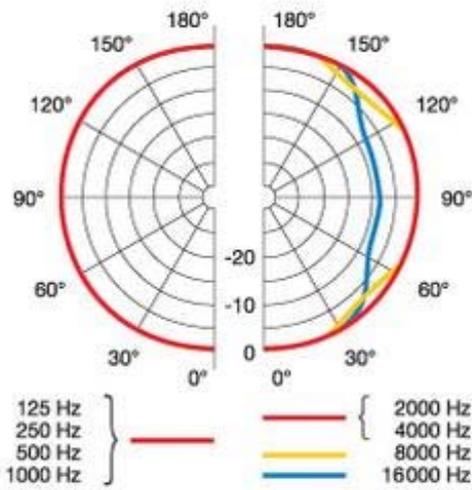
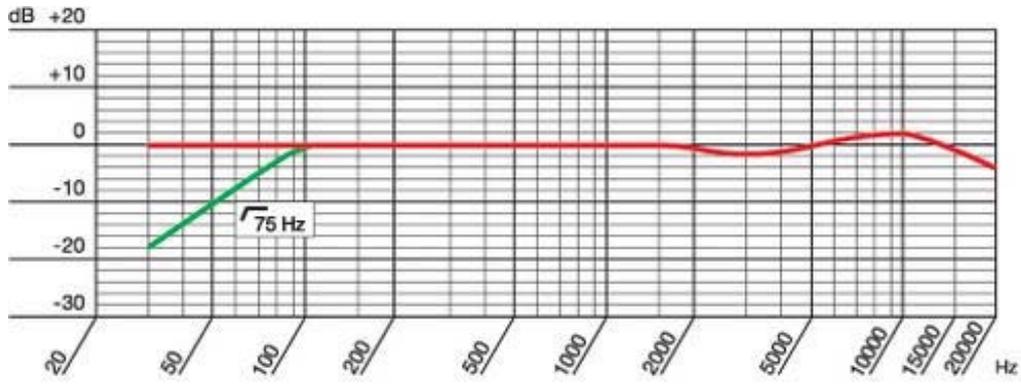
Polar pattern	cardioid, omnidirectional, figure-eight, and 6 intermediate positions, remotely selectable
Frequency range	20 to 20,000 Hz
Sensitivity	11 mV/Pa (-39 dBV)
Max. SPL	132/142 dB (THD=0.5%)
Equivalent noise level (CCIR 468-3)	25 dB
Equivalent noise level	14 dB-A

Signal/noise ratio (A-weighted)	80 dB
Preamplification pad	10 dB, switchable
Bass filter	12 dB/octave at 75 Hz
Impedance	200 ohms
Recommended load impedance	>1000 ohms
Supply voltage	9 to 52 V phantom power to DIN 45596
Current consumption	<2 mA/channel
Connector	12-pin DIN
Cable	20 m (66 ft.)
Finish	matte black/silver
Dimensions	42/33 dia. x 235 mm / 1.6/1.3 dia. x 9.2 in.
Net weight	470 g / 16.6 oz.
Shipping weight	5.1 kg / 11.3 lbs.
Patent(s)	Electrostatic transducer (Patent no. AT 395.225, DE 4.103.784, JP 2.815.488) Amplifier circuit for condenser microphones (Patent no. AT 386.303, DE 3.724.262)

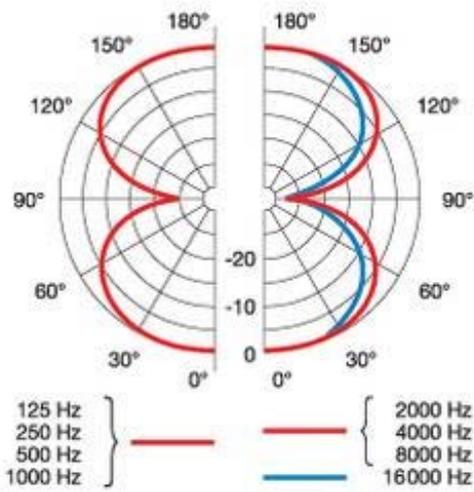
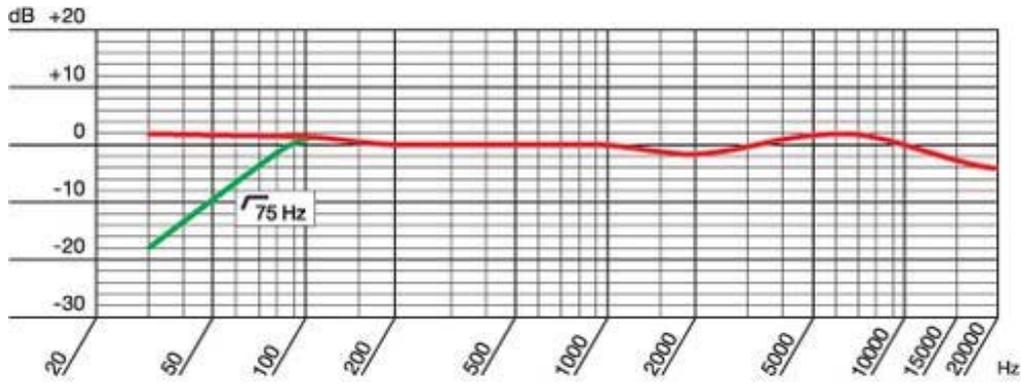
Graphical data



**C 426B - comb
cardioid**



**C 426B - comb
omnidirectional**



**C 426 B - comb
figure 8**