



C 400 BL

- **Small and inconspicuous boundary layer microphone**
- **Speech optimized frequency response**
- **Hypercardioid polar pattern**
- **Easy to repaint**

The C 400 BL is the first choice for any application calling for a small, low-profile boundary layer microphone. Its uses range from conferencing and lectures to theaters, surveillance, paging, and many others. Its frequency response has been optimized for speech pickup.

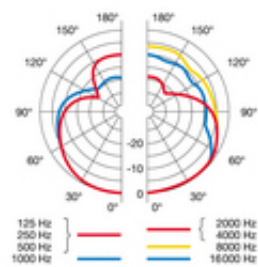
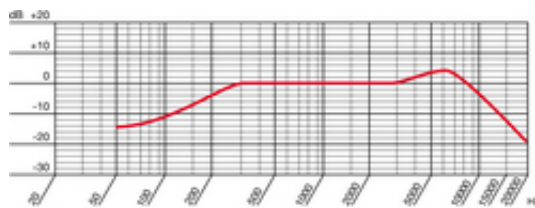
Its hypercardioid polar pattern, speech optimized frequency response, and extremely small dimensions have made the C 400 BL extremely popular. The design is inconspicuous and the housing can be painted easily in any color to make it almost invisible against its backing.

Specifications

Polar pattern	hypercardioid
Frequency range	150 to 15,000 Hz
Sensitivity	13.5 mV/Pa (-37 dBV)
Max. SPL	115 dB (k=1 %)
Equivalent noise level	32 dB-A
Signal/noise ratio (A-weighted)	62 dB
Impedance	200 ohms
Recommended load impedance	>2,000 ohms
Supply voltage	9 to 52 V phantom power to DIN/IEC
Current consumption	<3 mA
Connector	3 pol. XLR-Stecker
Cable	3 m (10 ft.)
Finish	matte black
Dimensions	43 x 24 x 15 mm (1.7 x 0.9 x 0.6 in.)
Net weight	5.5 g (0.2 oz.)
Shipping weight	160 g (5.7 oz.)



Frequency curve and polar pattern



C 400 BL

Engineer's specifications

Unidirectional boundary layer microphone with frequency response tailored to the speech range (low frequency roll off of 6 dB/octave below 300 Hz; high frequency roll off above 7 kHz of 12 dB/octave, with a rise of 4 dB in the 6 kHz range). Microphone sensitivity shall be no less than 13.5 mV/Pa (37 dBV), and the microphones dynamic range shall be no less than 62 dB. Total harmonic distortion (THD) shall be no greater than 1 % at an acoustical operating level of 115 dB. Size: 1.7 x 0.9 x 0.6 in. (43 x 24 x 15 mm), color: non-reflective black. Net/shipping weight: 5.5/160 g (0.2/5.7 oz.).