



C 568 B

- **Compact, short shotgun microphone**
- **Integrated, switchable bass cut filter minimizes mechanical noise**
- **Operates on phantom power**

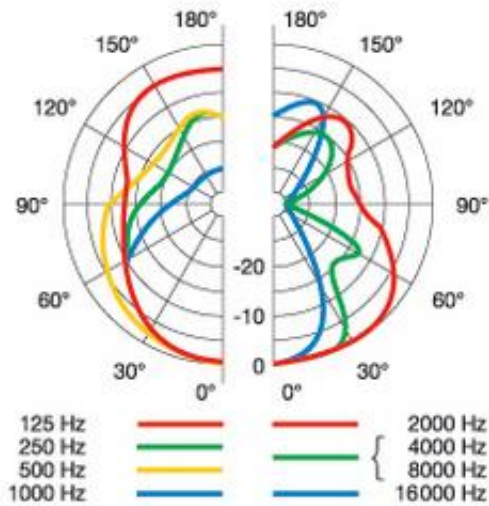
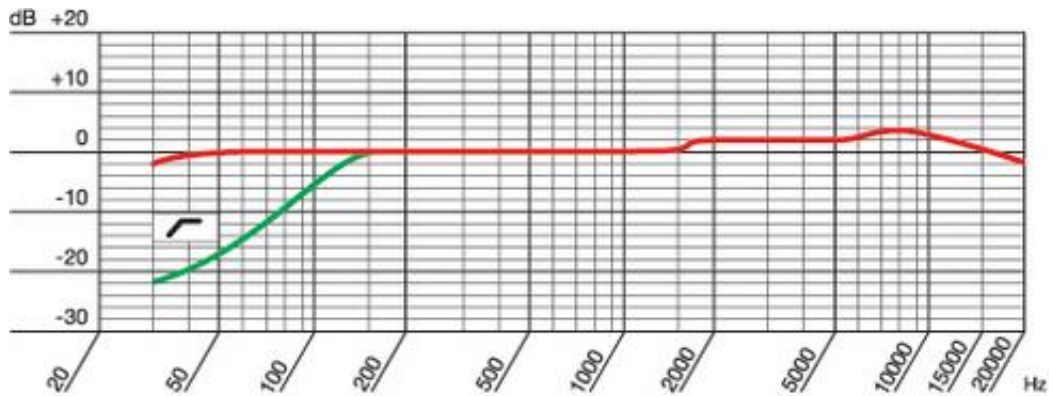
High directivity and wide frequency response in a relatively short shotgun make this microphone a perfect tool for theater, sound reinforcement, and film/TV applications.

Due to its compact and lightweight design, the C 568 B is ideal for camera mount applications. Below 500 Hz it functions as a hypercardioid microphone; above 500 Hz the acoustic interference tube introduces increasing directivity. A switchable 12 dB/octave 120 Hz bass cut filter effectively suppresses rumble and wind noise. The rugged, all-metal body contains the built-in preamp. Phantom powering (9-52 V) required; foam windscreen and stand adapter included.

Specifications

Polar pattern	hypercardioid/directional
Frequency range	20 to 20,000 Hz
Sensitivity	11 mV/Pa (-39 dBV)
Max. SPL	128 dB
Equivalent noise level (CCIR 468-3)	29 dB
Equivalent noise level	18 dB-A
Signal/noise ratio	76 dB
Bass filter	12 dB/octave at 120 Hz
Impedance	600 ohms
Recommended load impedance	>2000 ohms
Supply voltage	9 to 52 V phantom power to DIN 45596
Current consumption	<2 mA
Connector	3-pin XLR
Finish	dark gray
Dimensions	21 dia. x 253 mm / 0.8 dia. x 10 in.
Net weight	160 g / 5.6 oz.
Shipping weight	715 g / 1.6 lbs.

Graphical data



C 568 B

Engineer’s specifications

Hypercardioid/directional microphone. Applications: Lectern, places of worship, live and studio recording, theater, stage miking. Frequency range: 20-20,000 Hz; sensitivity at 1 kHz: 11 mV/Pa; impedance: 600 ohms; switchable bass cut filter: 12 dB/octave, 120 Hz. Dimensions: 21 mm (0.8 in.) dia.; 253 mm (10 in.) long. Net/shipping weight: 160/715 g (5.6/1.6 lbs.).