

C4500 BC

PROFESSIONAL FRONT-ADDRESS
CONDENSER MICROPHONE

AKG[®]
by HARMAN



IN THE FACE

The C4500 BC large-diaphragm condenser microphone in front-addressed format is especially designed for on-air broadcast work. It provides a cardioid pickup with voice-friendly tuning and a low proximity effect, as well as high RF/EMI insensitivity. The exceptional low self-noise (8dB-A) and its 165dB maximum SPL capability also make the C4500 BC a great tool for close-miking of loud instruments like bass drums, brass instruments and guitar amps.

The C4500 BC comes complete with an H85 spider-type shock mount and W4000 windscreens.

HIGHLIGHTS

- » **Minimized proximity effect for unchanged sound at varying distances**
- » **Ultralow 8dB-A self-noise for demanding studio and broadcast applications**
- » **Withstands extreme sound pressure levels up to 165 dBspl**
- » **Transformerless output circuit ensures zero susceptibility to RF and EMI**
- » **Multilayer pop-screen filter to minimize blowing noise**

KEY SPECIFICATIONS

Polar pattern	cardioid
Audio frequency bandwidth	20-20000 Hz
Sensitivity	20 mV/Pa
Max SPL	165 dB
Equivalent noise level	8 dB-A
Signal to noise	> 86 dB-A
Preattenuation pad	-20 dB
Bass cut filter	120 Hz, 6dB/octave
Electrical impedance	< 200 Ohms
Recommended load impedance	> 1000 Ohms
Powering interface	9-52 V, 2mA
Audio output	Balanced XLR, Male 3-pin
Finish	black
Dimensions	183 x 58 mm (7.2 x 2.28 in.)
Net weight	435 g (15.3 oz.)

Included accessories: W4000 Windscreen, H85 Universal shock mount
Item number: C4500BCH85 2820X00220

