C200 Series Boundary Microphones

Designed for use in applicable high quality sound systems – conferences, stage sound reinforcement, ambient noise monitoring, etc – where the advantages of flat-surface mounted boundary microphones can be utilised.

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C200 SERIES BOUNDARY MICROPHONES

C200 TECHNICAL SPECIFICATION

Transducer type
Electret; balanced, pre-amplified, output

Polar pattern
Semi-Cardioid

Frequency response
50Hz to 18KHz ± 3dB

Sensitivity
-35 ± 3dB at 1KHz, at 75dB SPL.

Max SPL @ 1% distortion
130dB

Impedance
600ohms nominal

Phantom powering
24 – 48v @ approx 3.0mA

Dimensions
20mm high x 105mm deep x 80mm max width

Order codes (black finish)
C200 – without ON/OFF switch
C200/PTT – with latching ON/OFF switch

Order codes (white finish)
C200W – without ON/OFF switch
C200/PTT/W – with latching ON/OFF switch

Boundary microphones offer many benefits over more conventional types, providing good omni-directional pick up. One of the most noteworthy features of the Boundary microphone is its 'reach'. In the near field, the output falls as distance from the source increases, in a similar manner to a conventional microphone, but in the 'free field' beyond, where there is normally a 6dB drop for a doubling of distance, the microphone output barely changes.

Boundary microphones can be directly mounted on most non-resonant, smooth, non-sound absorbent, surfaces to provide the benefits described. In enclosed environments, the chosen surface on which the microphone is to be mounted should also take note of loudspeaker proximity, to avoid acoustic feedback.

C200 is available with and without ON/OFF switching and is phantom powered from 24 – 48v dc. An integral LED indicates connection.

The rugged microphone housing is vibration isolated from the mounting surface by a soft neoprene moulding.

Interface connection is via a miniature XLR wired to a 4.5 metre cable terminated with a male XLR.

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