



A Division of SCARECROW BIO-ACOUSTIC SYSTEMS LIMITED

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.

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 integrated 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 4.5metre cable XLR terminated.

TECHNICAL SPECIFICATION

Transducer type : Electret.
 Polar pattern : Semi-Cardioid.
 Frequency response : 50Hz to 18KHz \pm 3dB.
 Sensitivity : -35 \pm 3dB at 1KHz, at 75dB SPL.
 Max SPL @ 1% distortion : 130dB.
 Impedance : 60ohms nominal.
 Phantom powering : 24 – 48v d.c (conventional configuration)

ORDER CODES: C200 *without* ON/OFF switch
 C200/PTT *with* ON/OFF switch

Also available in **WHITE** : Please add **W** after ORDER CODE.

CT Manuals / C200

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