

Houses of worship
Conference and lectern
Security
Fixed installed systems

- Supercardioid polar pattern for extended reach and clarity
- PCC® technologie (phase coherent cardioid®) for clear and natural sound
- Miniatur design, virtually disappears when installed
- LED indicator illuminates when mic is active
- Mounts easily into tabletops, walls and ceilings



MB-3

Featuring an incredibly small size, the MB Series of mini-boundary™, supercardioid microphones from Crown® offer a wide range of features and flexibility. The miniature, low-profile designs virtually disappear when installed, yet provide the same great sound as our highly-acclaimed PCC® microphone series. Best of all, the MB Series provides substantial savings compared to traditional microphones.

Designed with the help of leading audio consultants and contractors, the MB Series is a comprehensive system of microphones and electronics that's perfect for a wide range of applications. The MB System lets you mix and match microphones as needed for multiple configurations.

MB-3 is a miniature boundary the Crown® microphone for multi-miking applications such as teleconferencing, distance learning, boardrooms, courtrooms, and security applications. This low-profile, circular mic permanently installs into a hole drilled in a table, lectern, or ceiling.

Thanks to its supercardioid pickup pattern, the MB-3 greatly reduces ambient noise and pickup of room reverberation. The result is a clearer, more intelligible sound.

On the bottom of the mic is a tubular power module with a 3-pin XLR-type output connector. It is powered by 12-48 V phantom power, and has a low-impedance balanced mic-level output.

AKG SOUNDS BETTER



Installation

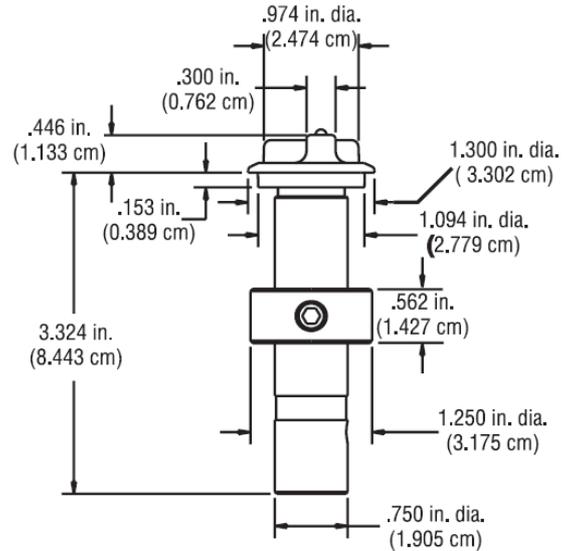
Tables: In a table, typical placement for each mic is an arm's length from the user. Install one microphone in front of each person, or one between every two people.

Lecterns: If the microphone will be used on a lectern, install it on an open surface. Do not install in a cavity or recessed area as the frequency response and polar pattern will be degraded.

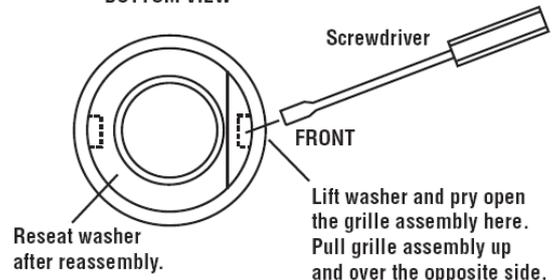
Ceilings: When mounting mics in the ceiling, use as few mics as possible, and put them in front of the people speaking - not directly overhead.

How to Paint the Microphone

1. Using a small screwdriver, pry open the FRONT side of the mic cover (grille assembly).
2. Remove the foam liner.
3. Wearing a dust mask, spray-paint the grille assembly. Be sure grille holes are not clogged.
4. Allow to completely dry.
5. Make sure the LED is properly aligned.
6. Carefully place the grille assembly over the base, and snap in place.



BOTTOM VIEW

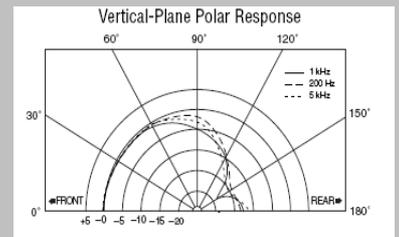
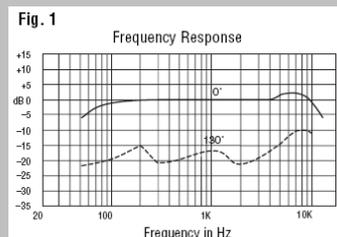


Architects' and Engineers' Specifications

The microphone shall be the Crown® model MB-3 or equivalent.
 The microphone shall be a supercardioid electret condenser type. The microphone shall use the principle of phase coherency achieved by mounting a small-diameter element very near a boundary. This eliminates comb filtering in the audible spectrum.
 The microphone will exhibit excellent off-axis response and gain-before-feedback. The mic shall have a bottom-mounted 3-pin pro audio XLR-type male connector. Powering shall be by 12-48V phantom power.
 Nominal sensitivity shall be 22 mV/Pa. Maximum SPL shall be 120 dB SPL for 3% THD. Equivalent noise shall be 22 dBA nominal. Frequency response shall be 50 Hz to 15 kHz with a uniform off-axis response, about 20 dB down at the rear nulls.
 The Crown® model MB-3 is specified.

Specifications:

Polar pattern:	supercardioid
Frequency response:	50 Hz to 15,000 Hz
Impedance:	150 ohms
Equivalent noise level:	22 dB-A
Maximum SPL:	120 dB
Cable:	non supplied
Finish:	satn black
Net weight:	78 g (2.7 oz.)
Item number:	MB3 6000H50150



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