

PRODUCT
CM10B

DESCRIPTION
UNI-DIRECTIONAL BOUNDARY MIC

SERIES
INSTALLATION MICS

CATEGORY
BOUNDARY MICS



GENERAL DESCRIPTION

The CM10B is a low profile, surface-mount boundary microphone ideal for flat surfaces like conference room tables, alters or hanging on walls. The minimally intrusive design allows the microphone to be used in applications where low visibility is desired. The CM10B features a permanently charged condenser element with a half-cardioid, or uni-directional, pickup pattern. The microphone exhibits excellent rear rejection, providing maximum gain before feedback. Although the CM10B is very small in size, all the electronics are contained within the body, eliminating the need for any external electronics pack. The CM10B is fitted with a standard 3-pin miniature male XLR connector, and a 30-foot mini XLR to standard XLR cable is included. The CM10B operates on standard 9 through 52 Volt phantom power. A heavy Neoprene rubber pad is added to the bottom of the unit to decouple the microphone from the surface helping reduce unwanted pickup noise. The CM10B is built using heavy-duty die cast construction with reinforced steel grill screen. Convenient mounting holes and hardware for hanging on walls or ceilings is included. A low reflectance, matte black finish enhances the stylish minimalist look.

FEATURES

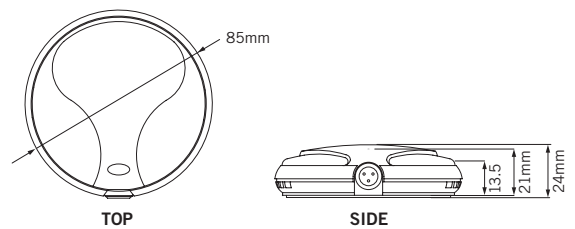
- > Half Cardioid – Condenser
- > Low-profile with onboard electronics and no external power supply
- > Mini XLR connector
- > Includes 30-foot cable with mini to standard XLR connectors
- > Standard 9 – 52 Volt Phantom Power Operation

ARCHITECT’S & ENGINEER’S SPECIFICATIONS

The Samson CM10B shall be a uni-directional boundary microphone. It will be black or white, with a metal, mesh grill top and rubber bottom for its shock mounting properties. It shall be a half cardioid condenser microphone element type and require between 9 and 52 volt phantom powering. The CM10B shall connect via a mini XLR connector to the included 30-foot microphone cable.

CM10B SPECIFICATIONS

Element Type	Fixed-charge condenser
Polar Pattern	Cardioid (Uni-directional)
Frequency response	30 - 18000Hz
Sensitivity	-39dBV/Pa
Rated impedance	600 ohms
Max. SPL	127dB
Dynamic range	103dB
S/N ratio	70dB
Power Supply	9~52V phantom supply
Power consumption	4mA



PRODUCT SPECIFICATION SHEET

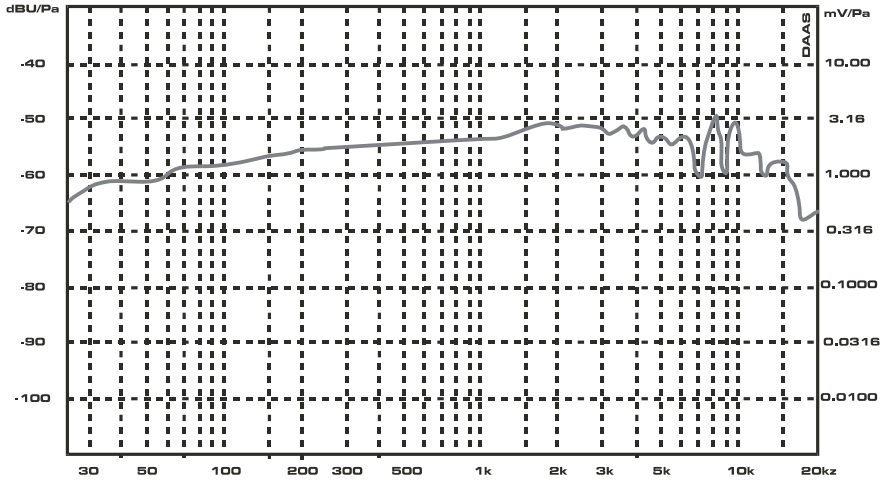
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CM10B FREQUENCY RESPONSE



CM10B POLAR PATTERN

