



PRODUCT
CM11B

DESCRIPTION
OMNI-DIRECTIONAL BOUNDARY MIC

SERIES
INSTALLATION MICS

CATEGORY
BOUNDARY MICS



GENERAL DESCRIPTION

The CM11B 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 that microphone to be used in applications where low visibility is desired. The CM11B features a permanently charged condenser element with an omnidirectional pickup pattern. Because the CM11B is omni-directional, it provides linear pick-up in a 360-degree pattern, allowing the unit to be placed on the center of a conference table to pick-up everyone seated. Although the CM11B is very small in size, all the electronics are contained within the body, eliminating the need for any external electronics pack. The CM11B is fitted with a standard 3-pin miniature male XLR connector, and a 30-foot mini XLR to standard XLR cable is included. The CM11B 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 pick-up noise. The CM11B 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

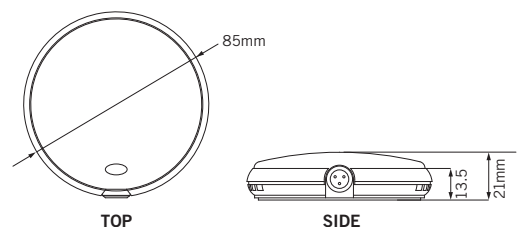
- > Omnidirectional - Condenser
- > Low-profile with onboard electronics and no external power supply
- > Mini XLR connector
- > Includes 30-foot cable with mini to standard XLR connectors
- > Standard 9 – 52 Volt Phantom Power Operation

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Samson CM11B shall be an omni-directional boundary microphone. It will be available in black or white, with a metal, mesh grill top and rubber bottom for its shock mounting properties. It shall be an omni-directional condenser microphone element type and require between 9 and 52 volt phantom powering. The CM11B shall connect via a mini XLR connector to the included 30-foot microphone cable.

CM11B SPECIFICATIONS

Element Type	Fixed charge condenser
Polar Pattern	Omnidirectional
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

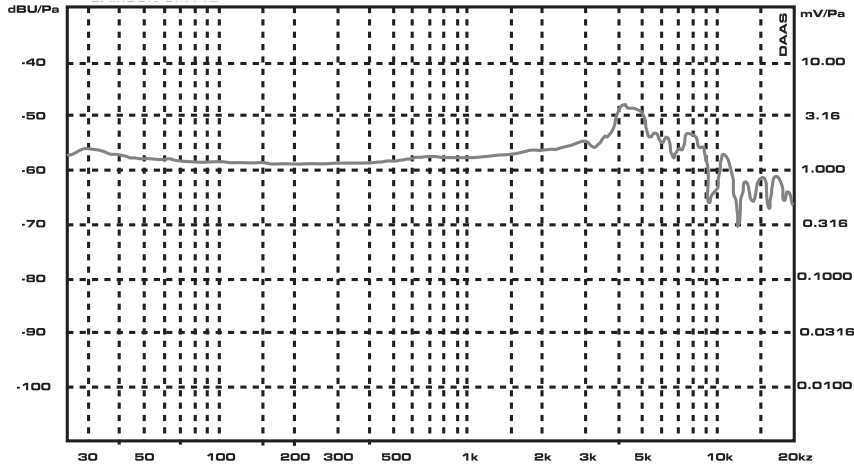
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CM11B FREQUENCY RESPONSE



CM11B POLAR PATTERN

