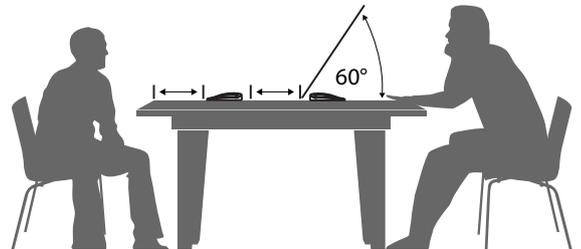


### Overview

The SE-300-SM-C, SE-300-BM-C, and SE-300-BM-O are condenser microphones designed to be installed in conference tables, houses of worship, and for recordings. Boundary and button style microphones are typically placed on surfaces such as tables or desktops for voice pickup to be used with conferencing and unified communication systems. High sensitivity allows for quality sound pick-up under difficult conditions, and RF filtering prevents interference from wireless devices.

### General Installation Tips & Guidelines

- Locate the area where the sound source has no more than a 60° angle above the mounting surface.
- Space out each microphone laterally using the 3:1 rule (see page 2). One microphone for every two people is another good rule of thumb.



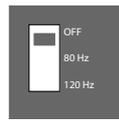
### SE-300-SM-C Features

- 25' disconnect cable with XLR connectors
- 3 positions switch for On/Off, Push-to-talk, and Push-to-mute

### Switch Options



The “Function Select” switch allows three different settings for the surface button. On/Off, Momentary On, and Momentary Off. The green LED indicates that the mic is On, red means Off.



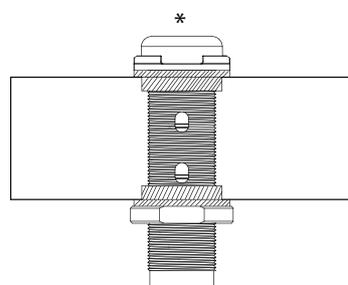
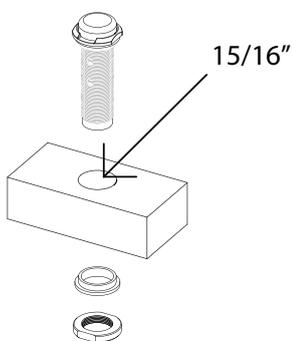
Use the “Low Cut” switch to isolate frequencies at 80Hz or 120Hz.

### SE-300-BM-C/SE-300-BM-O Features

- Small, compact form for a less cluttered table surface
- Equipped with an XLR connector for easy connection below the table’s surface

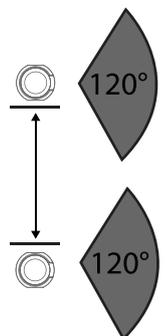
### Installation Tips & Guidelines for Table Mount Button Microphones

- Drill a 15/16” hole in the desired miking area. Thread the isolator and the nut on the bottom of the mic to secure to the table. Use the included isolators to minimize unwanted noise from the table.
- Note: Maximum table thickness is 2.00”



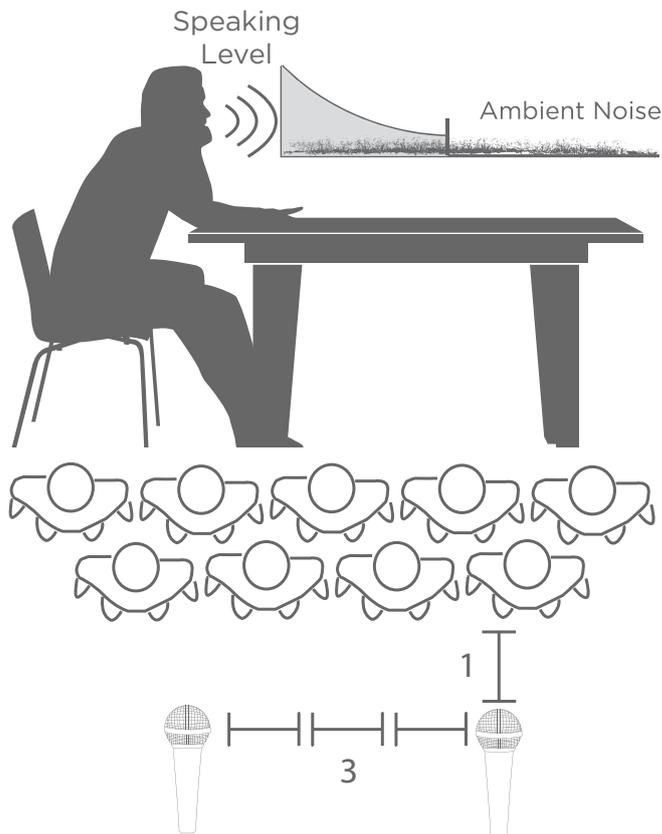
- Connect the Positive (+), Negative (-), and Ground from the mixer to the male XLR connector located on the bottom of the SE-300-BM.

\*Note: The SE-300-BM-C has a cardioid pickup pattern. Face the bezel’s indentation toward the sound source at a 120° angle for the best performance.



## Inverse Square Law

The distance from the speaker to the microphone plays a very important role in decibel level and sound pickup. The inverse-square law states that when the distance is doubled, the microphone picks up a quarter of the sound. This should be taken into account when choosing the microphone placement, especially when in areas with a high level of ambient noise.



## The 3:1 Rule

The 3:1 rule should be used as a guideline for the minimum amount of space between microphones. The minimum space between each microphone should be no less than 3 times the distance from the sound source to the microphone.

## Specifications

	SE-300-BM-O, C		SE-300-SM-C
Mic Type	Condenser		Condenser
Frequency Response	40 ~ 20,000 Hz		30-12,000Hz
Polar Pattern	O: Omni	C: Cardioid	Half-Cardioid
Sensitivity (at 1kHz)	-48 ±3dB (1mV)		-53±3dB (2.23mV)
Power Supply	12-52V DC Phantom		12-52V DC Phantom
Impedance	220Ω		100Ω
Mx. SPL for 1% T.H.D.	140 dB		125 dB
Signal to Noise Ratio	O: 68dB	C: 70 dB	67 dB
Current Consumption	≤3mA		≤6mA
Low Frequency Roll-off	80 Hz		Selectable 80 Hz & 120 Hz
Attenuation Switch	-10dB		-
Max Table Thickness	2.00"		-
Cutout Diameter	15/16" (with isolaters)		-
Output Connector	3-pin XLR (M)		3-pin mini-XLR (M)
Included Cable	-		25' mini-XLR(F) to XLR(M)
Measurements (W x H x D)	1.1" x 2.9" x 1.21"		2.83" x 0.89" x 4.33"

## Warranty



### 1-Year Limited Warranty

This Sense™ Product has a One-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified, or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

