

Overview

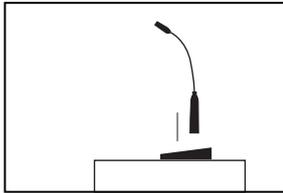
The SE-300-GM series are wide-range condenser microphones with a cardioid polar pattern, optimal for training rooms, conference rooms, government municipalities, and paging applications.

Features

- Cardioid polar pattern
- 3P XLR (Male) connector insert
- Shockmount and Desktop Bases available (not included) for sound isolation and other features.
- Foam Windscreen (included)
- Powered by phantom power
- RF filtering prevents interference from wireless devices
- Small, sleek gooseneck permits flexible positioning
- High sensitivity allows for quality sound pick-up under difficult conditions.

Installation Tips & Guidelines

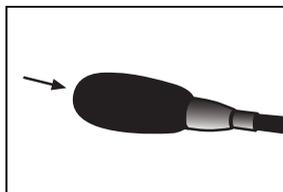
- Plug the XLR connector directly into the base (not included).



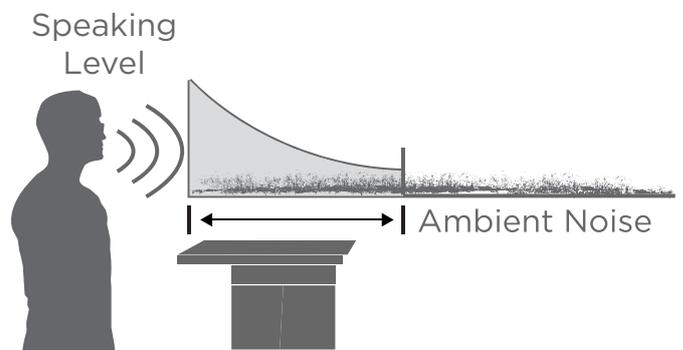
- Aim the gooseneck to the desired angle for picking up sound.



- Slip on the windscreen over the microphone head to control breaths and popping noises.

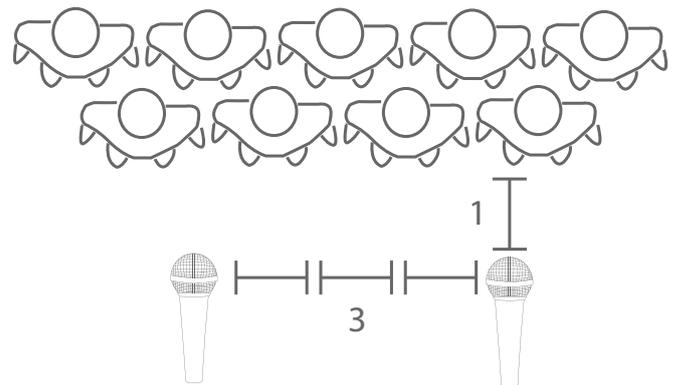


- To avoid feedback and reverberations using more than 2 microphones in the same environment, keep the second mic at least 3 times the distance from the closest speaker to the microphone.



Inverse Square Law

The inverse-square law states that when the distance from the speaker to the microphone is doubled, the microphone pickup is reduced by 1/4. This should be taken into account when choosing the microphone placement, especially when in areas with a high level of ambient noise.

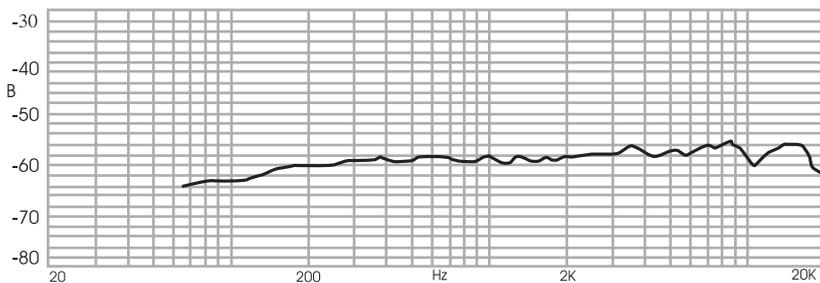


The 3:1 Rule

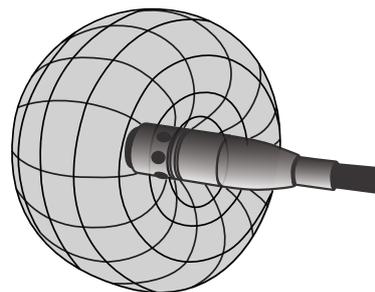
The 3:1 rule should be used as a guideline for the minimum amount of space between microphones. The minimum space between each microphone should be no less than 3 times the distance from the sound source to the microphone.

Technical Information

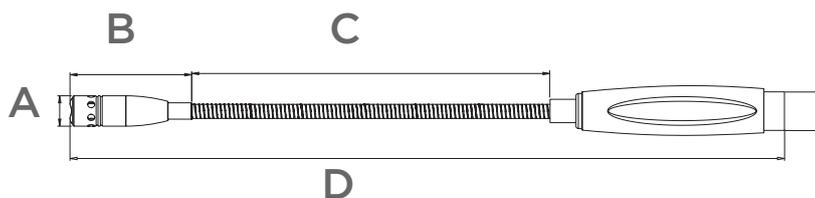
Frequency Response



Polar Pattern



Measurements



Specifications

SE-300-GM-6, SE-300-GM-12, SE-300-GM-18			
Type	Condenser		
Frequency Response	80 ~ 18,000 Hz		
Polar Pattern	Cardioid		
Output Connector	3 pin XLR Male		
Sensitivity (at 1,000 Hz)	-58dB (1.25mV)		
Power	12-52VDC Phantom		
Impedance	220Ω ± 30%		
Max. SPL for 1% T.H.D.	125 dB		
Dimensions	SE-GM-300-GM6-C	SE-GM-300-GM12-C	SE-GM-300-GM18-C
A	0.51"		
B	2.04"		
C	6"	12"	18"
D	11.93"	17.95"	23.94"

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).