

Opening Statement

(Record this at your computer or on a portable recorder after you recorded with all the mics)

Hi, I recorded my voice in front of a number of popular microphones to hear how each one colored or affected the sound of my voice.

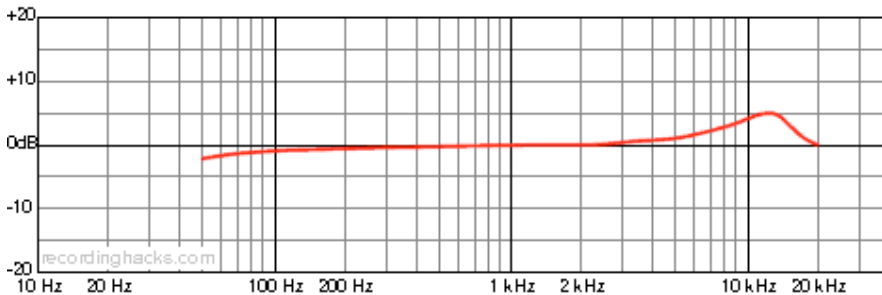
Sound Room Recordings

Read the statements below in front of each microphone:

I am standing 8 inches in front of the ...

[Studio Projects C1](#)

- The C1 is a **cardioid, large-diaphragm condenser** microphone
- Compares with professional microphones costing 10 times more
- Good for many recording situations including voice, instruments, etc.



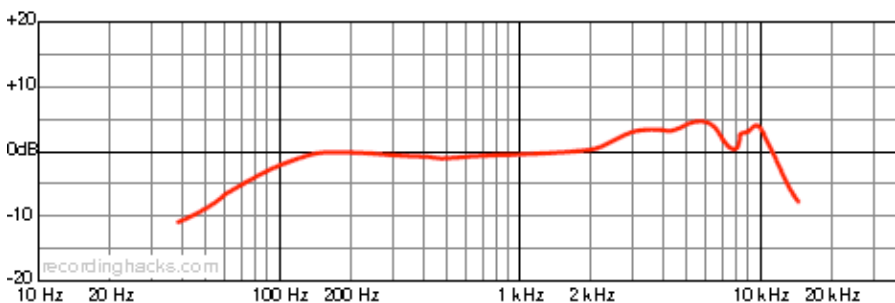
I am now standing 8 inches in front of the ...

[Shure SM58](#)

- The SM58 is a **cardioid dynamic** microphone
- Perhaps the most widely known vocal mic in the world
- The SM58 celebrated its 50th anniversary in 2016

I am now standing 1 inch in front of the...

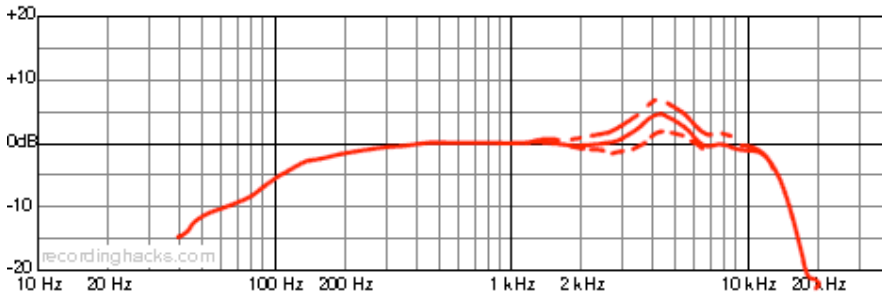
[Shure SM58](#) to demonstrate **Proximity Effect**



I am now standing 8 inches in front of the ...

Sennheiser e609

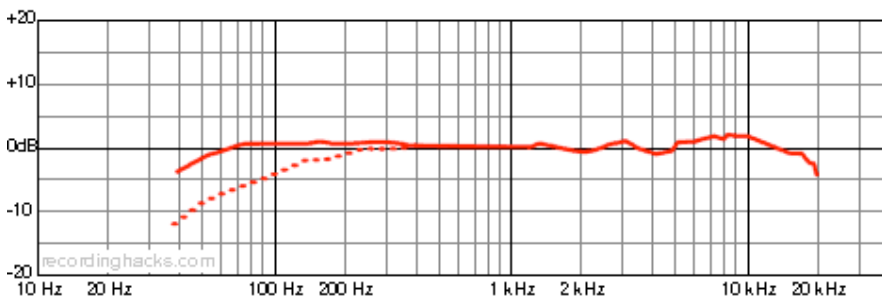
- The e609 is a **super-cardioid dynamic** microphone
- Designed for miking guitar cabinets face-on and extremely close to the source
- Provides isolation from other onstage signals
- Also suitable for miking drums, especially toms



I am now standing 8 inches in front of the ...

Rode Procaster

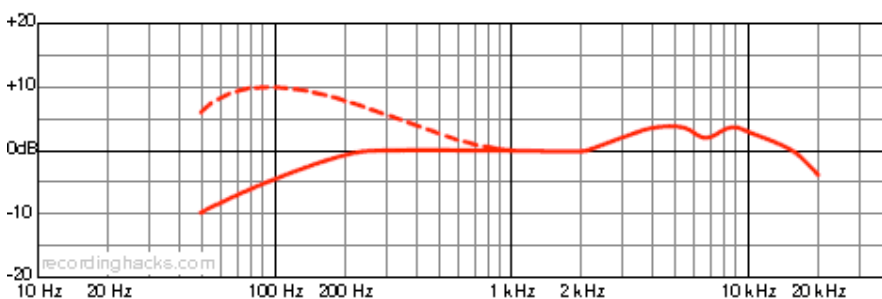
- The Procaster is a **cardioid dynamic** microphone
- It is designed for the radio and television broadcast market
- It owes a design debt to Electro-Voice [RE-20](#); both are end-address dynamics tailored for close-miked vocals



I am now standing 8 inches in front of the ...

AKG C1000S

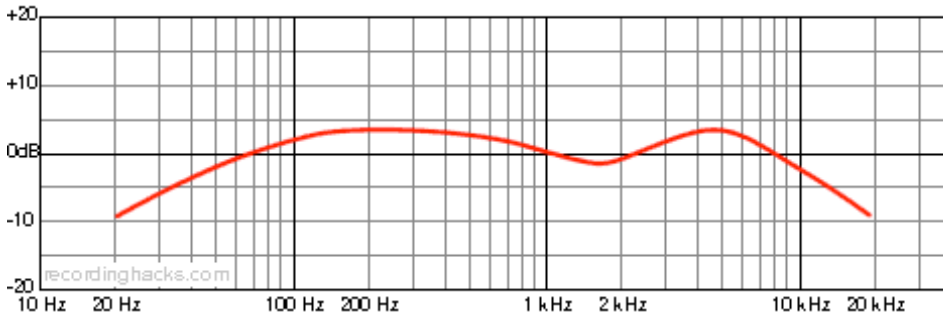
- The C1000S is a **cardioid small-diaphragm condenser** microphone
- It has been used for live music, broadcast vocals, podcasting, and instrument miking
- It is called the Swiss army knife of recording



I am now standing 8 inches in front of the ...

Blue Baby Bottle

- The Baby Bottle is a pressure-gradient **cardioid condenser**
- Has smooth and natural midrange and doesn't have excessive high-end sizzle
- Read more: <http://recordinghacks.com/microphones/Blue-Microphones/Baby-Bottle>



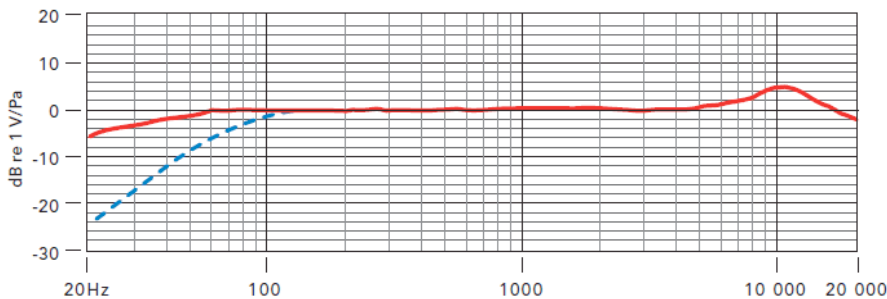
Digital Camera Recordings with Shotgun Mic

Read the statements below in front of the camera:

I am now standing about 5 feet in front of the ...

Rode VideoMicro DSLR Video Microphone

- The VideoMicro is a **cardioid condenser** microphone
- A good microphone for recording audio for video
- It mounts on top of the camera and does not need a separate power source



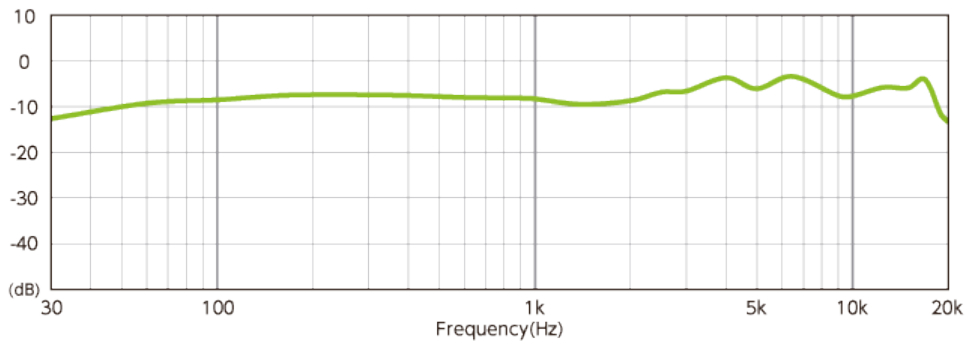
Digital Camera and/or Field Recording in Stereo

Read the statements below in front of the field recorder:

I am walking in a circle about 2 feet away from the ...

Zoom H4N Digital Multi-track Recorder

- The Zoom H4N is a **stereo condenser** microphone recorder
- It has two microphones at 90 degree angles from each other to reproduce stereo sound
- It can be mounted on top of a camera or used separately to record sound effects, Foley, etc.



Closing Statement

(to be recorded at your computer or on a device after you record everything else)

Well, that concludes my recording exercise to see how each of these microphones sounds with my voice.

What I found was...

My introduction and closing statements were record with a ...

Apple / Droid / Cell Phone Microphone

- It most likely has a MEMS microphones
- They are a type of condenser microphone
- Read more: https://en.wikipedia.org/wiki/Microphone#MEMS_microphone