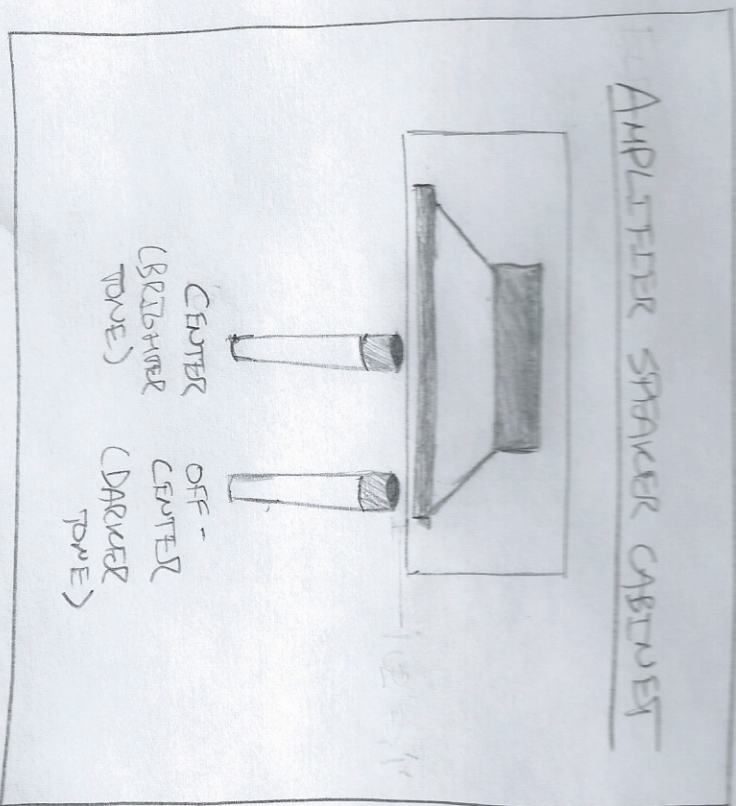


# MICROPHONE PLACEMENT TECHNIQUES: ELECTRIC GUITAR

The most popular microphone for capturing an electric guitar amp is a dynamic microphone with a cardioid or even a super-cardioid polar pattern. These microphones tend to be preferred because they do a good job of picking up the full character of the sound without picking up extra noise from the amplifier or other surrounding instruments.

## Popular Models:

- SHURE SM57
- SEWHEISSER EL409



Mic Placement of the amp is critical. The microphone is generally placed 2"-12" from the front of the speaker. Placing the microphone at the center of the cone will produce the brightest most direct tone. The tone will

become darker as the microphone is moved away from the cones.

Using more than one microphone on an amplifier opens up a lot of tonal possibilities. For example one microphone could be in the middle of the cone with another off-center. Both would pick up different aspects of the sound and could be blended in the mix to produce a more rich texture. A separate mic could also be placed in a different part of the room (in a corner for instance) to help pick up some of the characteristics of the room that wouldn't be detected right next to the amp.