

1. Complete the text with the words given in the box.
2. Write the main ideas of the text in appropriate Spanish.

- complex - tends - distance - significant - range - placement – develops – maximizes – acoustic – until –

Amplified Instruments

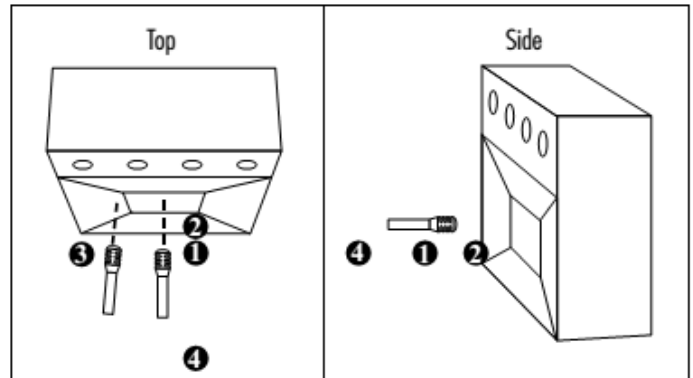
Another “instrument” with a wide _____ of characteristics is the loudspeaker. Anytime you are recording a guitar or bass cabinet, you are confronted with the _____ nature of loudspeakers. A single loudspeaker is directional and displays different frequency characteristics at different angles and distances. On-axis at the center of a speaker _____ to produce the most “bite”, while off-axis or edge placement of the microphone produces a more “mellow” sound. A cabinet with multiple loudspeakers has an even more _____ output, especially if it has different speakers for bass and treble.

As with most acoustic instruments, the desired sound _____ at some distance away from the speaker. The most common approach is to close-mic an individual speaker. This is a habit people develop from viewing or doing live sound. In the live sound environment, most audio sources are close-miked to achieve the highest direct to ambient pickup ratios. Using unidirectional mics for close miking _____ off-axis sound rejection as well. These elements lead to reduction of potential feedback opportunities. In the recording environment, the loudspeaker cabinet can be isolated and

distant-mic techniques can be used to capture a more representative sound.

Often, by using both a close and a distant (more than a few feet) mic _____ at the same time, it is possible to record a sound which has a controllable balance between “presence” and “ambience”.

Placement of loudspeaker cabinets can also have a _____ effect on their sound. Putting cabinets on carpets can reduce brightness, while raising them off the floor can reduce low end. Open-back cabinets can be miked from behind as well as from the front. The _____ from the cabinet to walls or other objects can also vary the sound. Again, move the instrument and the mic(s) around _____ you achieve something that you like!



3. Watch the following videos to increase the vocabulary and expressions related to the topic.

- a. <https://www.youtube.com/watch?v=qXfOJ-SBHY> (first)
- b. <https://www.youtube.com/watch?v=Mvae3XLDIY> (second)