

PANACAST VIDEO BAR SERIES

Audio Range and Performance



CONFERENCE ROOM AUDIO

Conference room audio acoustics play a crucial role in ensuring clear communication and effective collaboration during meetings. The performance of video bars is influenced by several factors, including the room's acoustics and the positioning of both the video bar and participants. For instance, hard surfaces like glass and concrete can create echoes and reverberation, while softer materials such as carpets and acoustic panels can absorb sound, enhancing clarity. Even the placement of the video bar relative to the table affects not only the visual aspect but also the audio capture, as microphones may pick up sound differently based on their proximity to speakers.

PANACAST AUDIO

Currently, the Panacast 50 and PanaCast 50 VBS contain 8 microphones and are Microsoft certified for small and medium rooms. The PanaCast U30 and PanaCast 40 VBS have 6 microphones and are Microsoft certified for small rooms. Note that the certified pickup ranges are measured from the video bar to the farthest participant, not the overall size of the room.

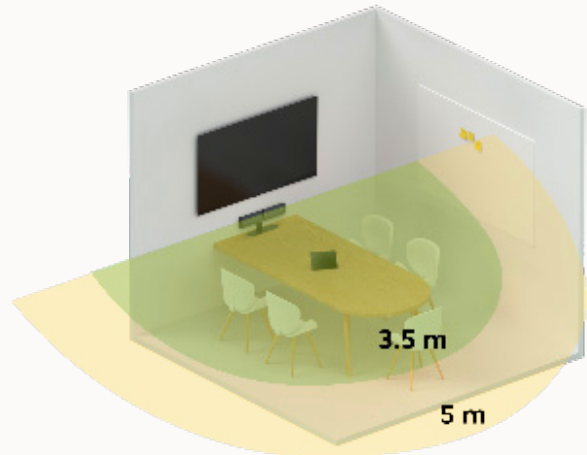
Jabra guarantees the functionality of the device, including both audio and video related features, such as noise suppression, Virtual Director, and Dynamic Composition, to work consistently within the room certification sizes. However, with certain room acoustics and parameters, these feature often work at longer distances.

PERFORMANCE MAPS

The diagrams to the right represent two categories of audio performance. The green section refers to the best audio quality performance, adhering to the devices' certifications, and the yellow band indicates the possible range of audio capture if room acoustics are optimized based on the factors previously noted.

Although the two rooms for PanaCast 50 and PanaCast 50 VBS contain a different amount of seats, audio is captured from all participants due to the position of the table relative to the camera. By optimizing room acoustics and furniture, the overall audio range and performance can lead to a better experience.

PanaCast U30 & PanaCast 40 VBS Audio Map



PanaCast 50, PanaCast 50 VBS, & PanaCast 55 VBS Audio Maps

