

Know the importance of a 'Good Audio' solution over a 'Bad Audio' solution

'Sounds' are vibrations in the air that we detect with our ears. Stronger vibrations directly equate to louder sounds, but having louder sound is not always a good thing. Imagine you are in a car park where multiple loud noises are generated by the cars, making it close to impossible for you to communicate with the security guard. An audio system that cannot distinguish between car noises and human speech is not what you want as part of your security systems.

Therefore, while looking for a good audio solution look for the following capabilities:

Automatic Gain Control (Smart Proximity Control)



This feature automatically adjusts the speaker's voice, maintaining a constant volume level to the receiver, regardless of the speaker's distance from the station.

As a benefit, the customer/visitor is no longer required to be within proximity of the device (for example, they can remain in the vehicle in unsafe areas). This feature also increases a device's usability when the speaker is unable to be in close proximity (e.g., speaking after having fallen).

Automatic Volume Control



This feature adjusts speaker volume according to the ambient noise levels to help customers and visitors hear clearly.

AVC is suitable in high-noise environments like airports, railways, etc. It is also a great feature to help comply with night-time noise regulations, as it automatically reduces volume to regulatory limits.

Active Noise Reduction



This feature effectively removes unwanted noise components, leaving clean speech signals for clear, two-way conversation.

This is perfect for high noise environments like motorways and airports, assisting customers and security teams to communicate clearly in challenging environments.

Acoustic Echo Cancellation



This feature prevents acoustic feedback and enables clear hands-free communication, even at high volumes (95dB).

About Zenitel

Zenitel is a worldwide leading provider of intelligent critical communications solutions. Our focus is on the development of products and solutions that keep people safe by enabling everyone to hear, be heard and be understood - every time and everywhere. The history of Zenitel dates back to 1901 in Brussels, Belgium, where the corporate group headquarters has resided ever since.

For more information about Zenitel, please visit our website [zenitel.com](https://www.zenitel.com)