

RZ Ecosystem Partner Solution TMC ZoomVoice Software



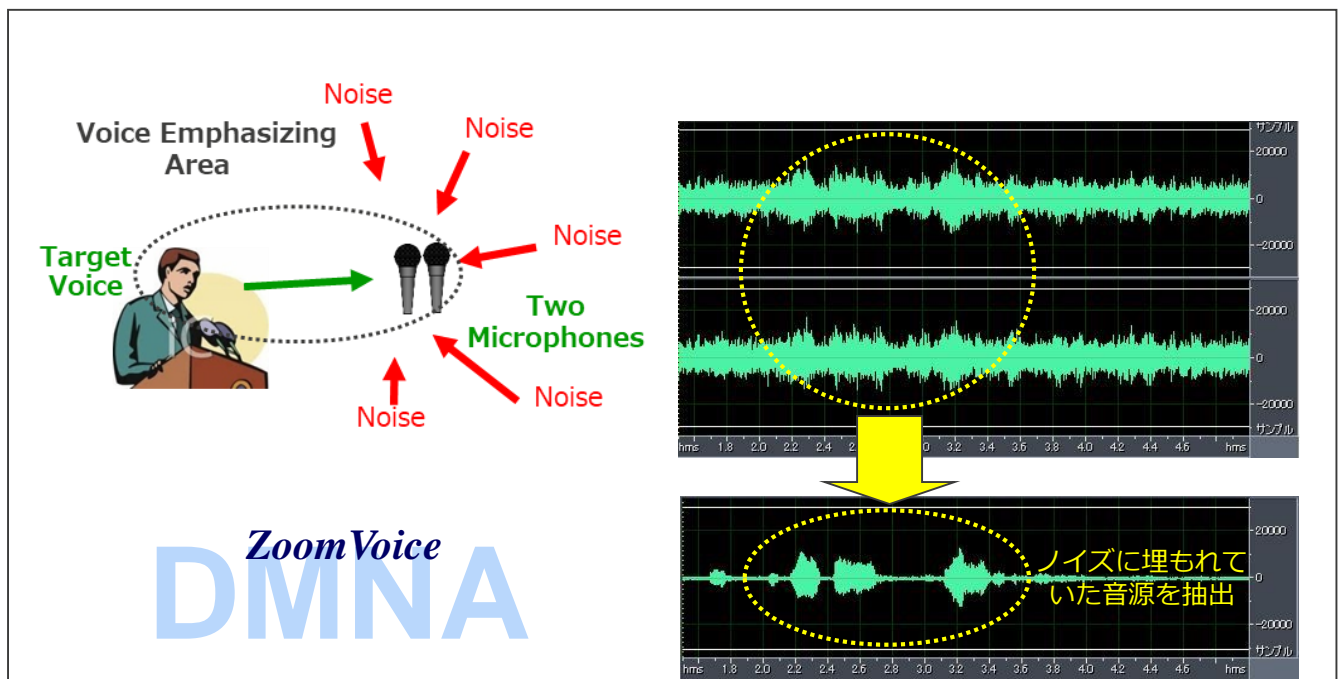
Solution Summary

ZoomVoice software enables emphasizing a voice from target direction and suppressing ambient noises. This software is suitable for accuracy improvement of speech recognition devices and voice recording/communication devices. It supports the [RZ family](#).

Features/Benefits

- Beamforming: To emphasize the sound from the target direction. This can be achieved with two inexpensive omnidirectional microphones.
- Noise suppressor: To suppress ambient noise. Maximum noise reduction is 22dB. The amount of reduction is automatically adjusted for each frequency band according to the frequency characteristics of the input noise so that audio distortion is reduced.

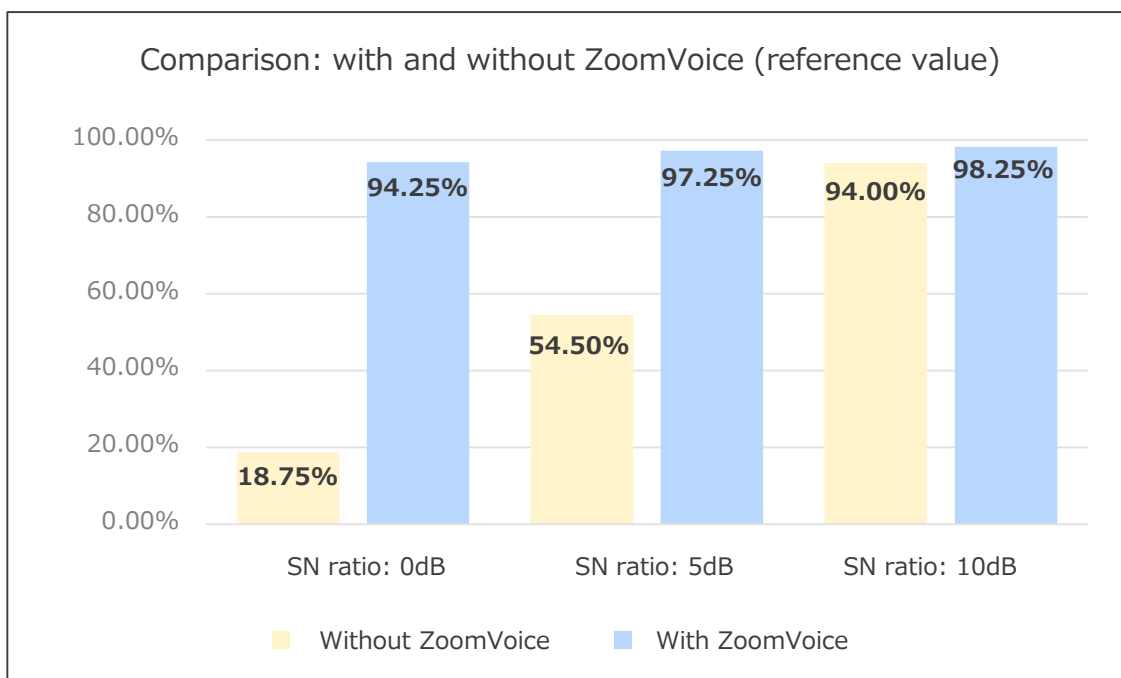
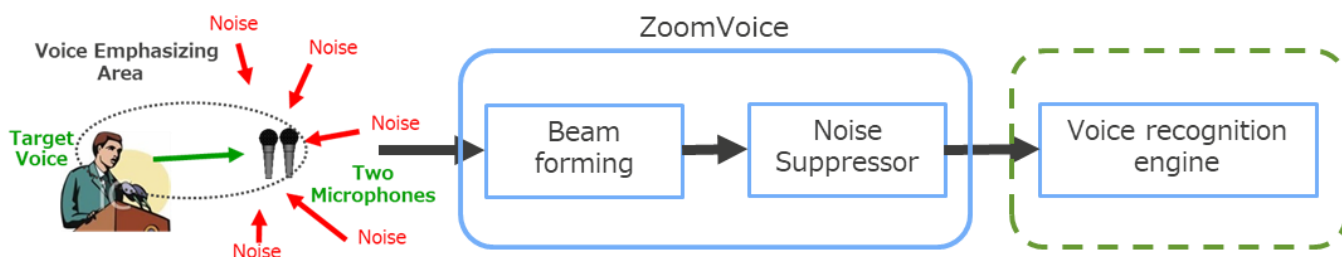
Diagrams/Graphics



Target Markets and Applications

- Home Appliance
- Building Automation
- Voice Recognition System
- Mobile Phone

ZoomVoice in a Voice Recognition System



Specification

- Sampling Frequency : 16kHz
- Input Data Format : linear PCM (16bits, stereo)
- Output Data Format : linear PCM (16bits, monaural)
- Beamforming strength : 7-step adjustment
- Noise reduction strength : 9-step adjustment

Contact

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