



Voice 6.1

Exceptional Voice Quality

The sixth generation of SoundClear[®] voice software provides enhanced flexibility and robust performance to further improve voice quality. Through advanced processing features including multi-microphone noise reduction, advanced non-linear echo cancelation, far-field voice pick-up and speech enhancement, SoundClear[®] Voice 6.1 maintains voice quality while at the same time reducing environmental noise for speakerphone, headset and mobile handheld applications. This combination helps to retain voice intelligibility without introducing any additional effects into the voice signal which can make voices sound metallic and artificial. For the far-end listener, SoundClear Voice 6.1 performs echo cancelation, echo suppression and environmental noise reduction. The caller benefits from greater clarity of the far-end signal thanks to the unique receive-path feature set. This includes compensation for ambient sound level variations, reduced noise, maximization of the perceived speaker loudness and limiting the output to prevent speaker clipping.



Features

- Dramatically reduces stationary and non-stationary background noise on both transmit and receive paths
- Enhanced high-performance acoustic echo cancelation with non-linear modeling ensures high-quality, natural echo-free conversations for varying speaker types
- EVS support with 8/16/24/32/48 kHz sampling
- Single- or dual-microphone operation with automatic mismatched microphone support
- Far-field AGC for extended speaker applications
- Parametric equalization for precise audio shaping and optimal voice quality
- Automatic volume control in Rx path along with Rx MBC
- Low latency mode switching
- Intuitive and comprehensive tuning for different microphone configurations and diagnostic tools enable fast time to market
- Supports multiple applications—headsets, speaker boxes, smartphones, wearables, smart home devices



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