



ATS6132-BC5 SoundClear® Solution for Dual-mic Hands-free Car Kits

Enabling the Highest Quality Hands-Free Communication in the Car

The Ultimate Noise Cancellation and Remarkably Clear Voice in Car

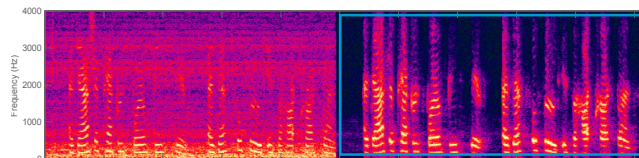
The new ATS6132 advanced SoundClear technology with dual-mic processing eliminates the widest spectrum of unwanted noise while enhancing voice quality at the same time. With InstantAdapt™, new high precision controls improve response time and accuracy for removing fast changing ambient noises. A new FlexEQ™ equalizer brings out premium voice quality and delivers full audio potential for car kits.

ATS6132's flexible dual-mic technology works with varying microphone types and configurations, allowing the greatest freedom to create stylish and innovative products. Combined with intelligent adaptive features including automatic volume control and automatic level control, ATS6132 delivers loud volume and superior call-to-call consistency over a wide range of usage conditions.

ATS6132 is part of the highly trusted and widely deployed ATS6000 series solutions optimized for the CSR BC5-MM. It incorporates robust, patented DSP techniques field proven in over 30 million units worldwide. Acoustic brings together superior SoundClear Technology, real-time tuning and diagnostics with the RAPID™ tool, and unparalleled SoundAdvice™ Audio Consulting Services to reduce development cost, risk, and time to market.

ATS6132 is available today enabling car kits to deliver remarkably loud and clear voice without the distraction

Actual Tx Uplink Channel Spectrogram from a ATS6132 Car Kit



No Audio Processing

Clean, Clear Speech and No Unwanted Noise with ATS6132



Key Features

- Dual Microphone Enhancements
 - 24 dB Ambient Noise Cancellation
 - 45 dB Echo Cancellation
 - Supports various microphone types and configurations
- Full-duplex, Echo Free Communication
- Natural Sounding, Distortion Free Speech
- Ultimate Flexibility with FlexEQ Equalizer
- Intelligent Adaptive Processing for the Ultimate User Experience
 - Automatic Volume and Level Controls
 - Pre-speaker Compander Maximizes Loudness and Eliminates Distortion
- Proven With ASR and Voice Response Systems



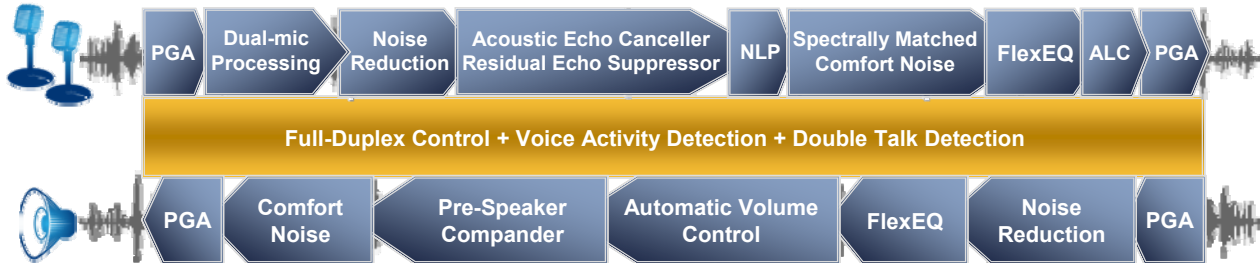
CSR Partner

Acoustic Technologies is a CSR eXtension Partner



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ATS6132 SoundClear Bluetooth Speakerphone Solution



SoundClear® Technology

The SoundClear performance advantage is achieved through a combination of several patented techniques including adaptive filtering, voice activity detection, double talk detection, sophisticated call-mode processing, enhanced nonlinear processing, and spectrally matched background insertion.

Acoustic Technologies provides technical leadership targeted to solve our customer's audio problems. We leverage our extensive patent portfolio and 10 years of experience producing the highest voice quality solutions. The ATS6132 is highly optimized for CSR BC5-MM hands-free car kit designs.

SoundAdvice™ Audio Consulting Services

Acoustics' experienced software, hardware, system, and audio engineers utilize state-of-the-art audio equipment to assist with customer projects. Audio consulting includes test and measurement, electrical analysis, mechanical analysis and recommendations on transducers and plastics.

For complete product improvement, Acoustic prepares a comprehensive report citing the acoustic analysis results and detailed recommendations for achieving optimal sound quality of the end product. SoundAdvice consulting service helps customers get products to market quickly and with the highest quality audio performance.

RAPID2™ Tuning and Optimization

Acoustic Technologies offers RAPID2 (Real-time Audio Perfection and Integration Diagnostics), a PC-based tool that allows developers to easily, and in real-time, monitor and tune programmable parameters in the SoundClear software via a simple Graphical User Interface (GUI).

- Fast and easy tuning
- Intuitive block-diagram view
- System performance diagnostics
- Expandable via plug-ins

