



Sound Cleaner Premium

Professional real-time noise cancellation and speech enhancement software

Sound Cleaner is a unique software solution for filtering of noise-corrupted sound recordings and improvement of speech intelligibility. The user can adjust filtering parameters and hear the resulting changes in real time.

APPLICATIONS

Police, Forensic labs and other Law

Enforcement Agencies: Processing records for further use in crime investigation.

Audio Engineers and Audio Restoration:

Preparing sound for CD mastering & broadcasting.

Universities and Audio Laboratories: Professional speech enhancement.



*Award of International forum
"Security and Safety Technologies"*

HIGHLIGHTS

- Effective for both restoration and enhancement of poor quality recordings, recordings made in noisy environments and real-time sound loaded from external sources.
- The speech signal is processed by a sequence of modules. It is possible to build a custom scheme or use 14 typical schemes.
- Operates as DirectX plug-in in any common sound editor.
- Sound Cleaner consists of 19 different processing modules including:
 - 8192 independent band graphical equalizer with advanced inverse spectrum calculation capabilities and real-time spectrum visualisation
 - 2048 manually adjustable equalizer sliders
 - Adaptive broadband noise filter
 - Adaptive frequency compensation filter
 - 4 adaptive stereo filters in time and frequency domains
 - Adaptive inverse filter
 - Pulse-like interference filter
 - Dynamic processing (automatic gain control) module
 - Waveform visualisation module
 - Playback speed alteration module
- Improves SNR (signal-to-noise ratio) up to 50 dB for tonal noise, up to 20 dB for broadband noise.
- Sound Cleaner can generate a report of modules and settings used to process a particular recording.
- STC experts provide basic and advanced training in speech enhancement.