

I K A R Lab

Professional hardware and software set for advanced audio/speech signal analysis.

Combination of Audio and Speech Signal Analysis, Visualization, Editing & Processing tools



IKAR Lab

**Unique powerful environment for
noisy speech signal processing**



I K A R Lab

- **Sophisticated speech signal analysis**
- **Powerful signal editor**
- **Noise cancellation and speech enhancement**
- **Speech analysis for forensic speaker identification**
- **Fast transcription of poor quality speech recording**
- **Effective both for professional and for non-technical users**



IKAR Lab

- Many years of successful practice in forensic audio departments, universities, clinics, law enforcement & security agencies
- User training & consulting
- STC expert team carries out customized seminars and courses, consults on establishing of forensic departments and delivers complicated audio investigations



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Speech Enhancement & Noise Filtering

- Adaptive filtering
- Compensation of frequency response ripple of sound-recording channel
- 2000-band equalizer
- Arbitrary frequency linear filters (LPF, HPF, BF)



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Speech Enhancement & Noise Filtering

- Frequency subtraction
- Pulse-like noise removing
- Dynamic filtration
- Non-linear amplitude transformations



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Types of distortions filtration

- Street noise
- Power line hum
- Slow music
- Noise from transport facilities
- Standard hindrances from telephone network and radio channels
- Noise from home appliances



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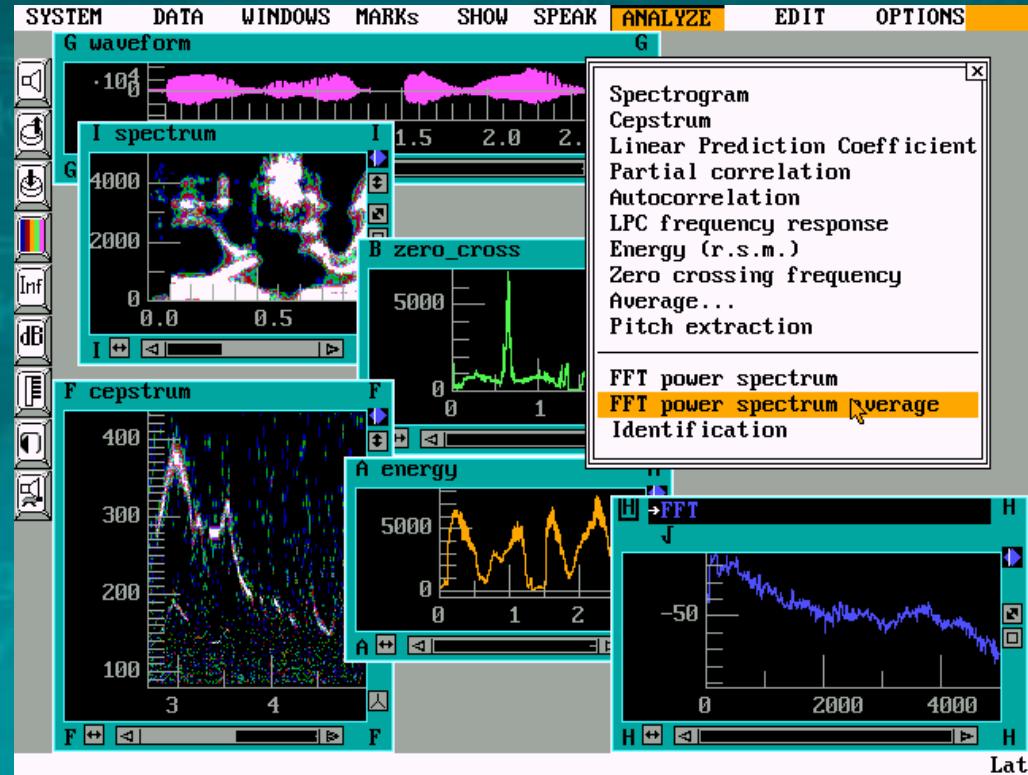
Types of Distortions Filtration

- Broadband stationary & slowly changing noise (white & colored)
- Compensation for the frequency response of tape recorders etc.



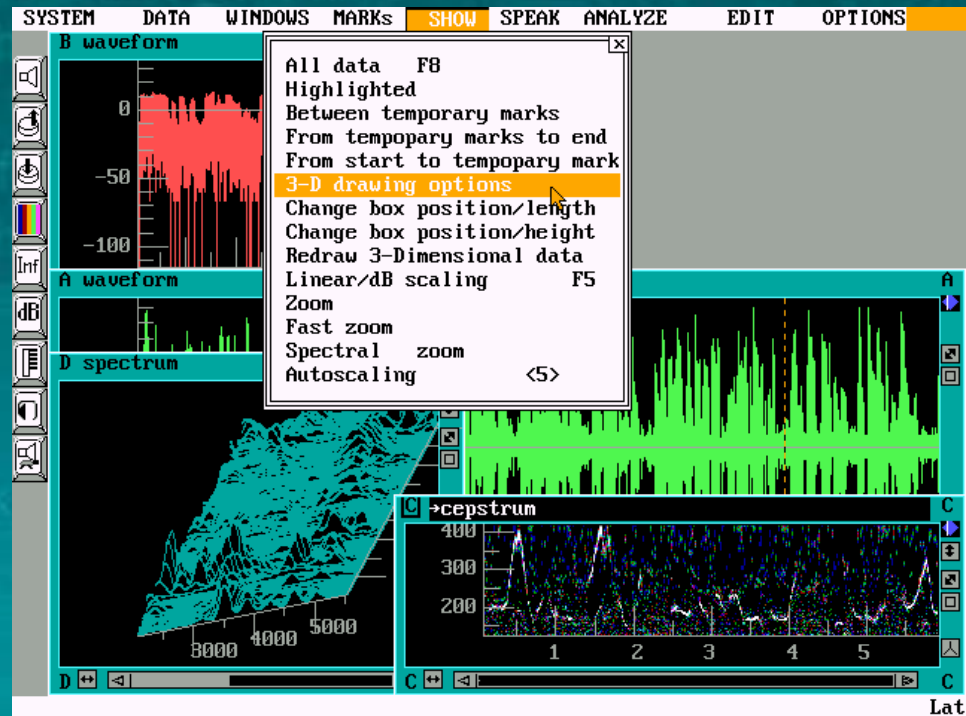
I K A R Lab SIS Speech Interactive Software

Example of SIS Working Screens



I K A R Lab SIS Speech Interactive Software

Types of
possible 3-D
data
presentations

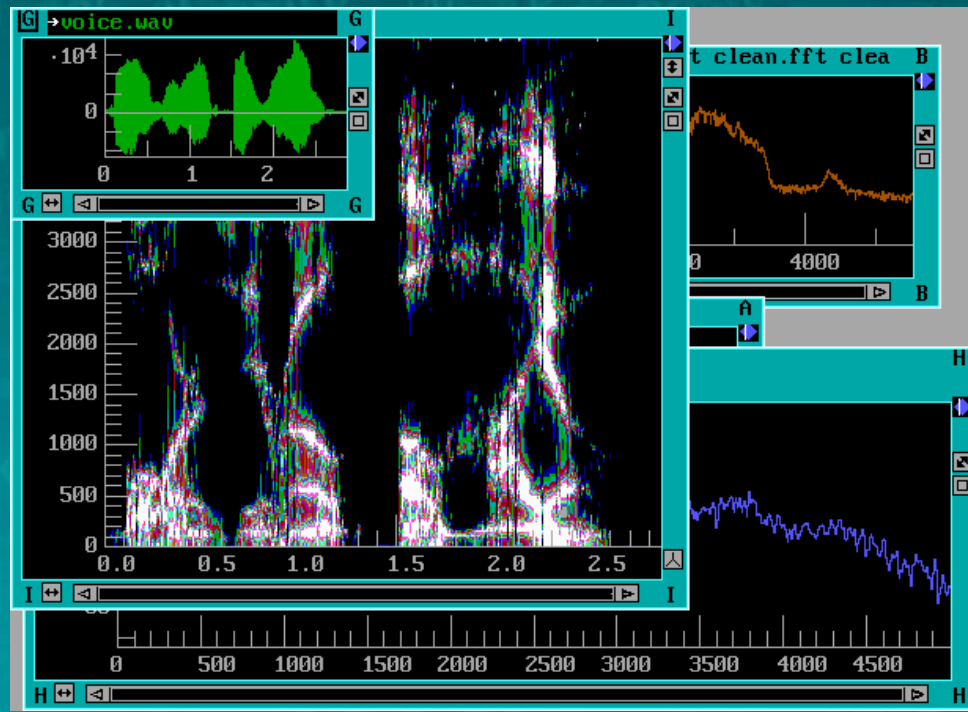


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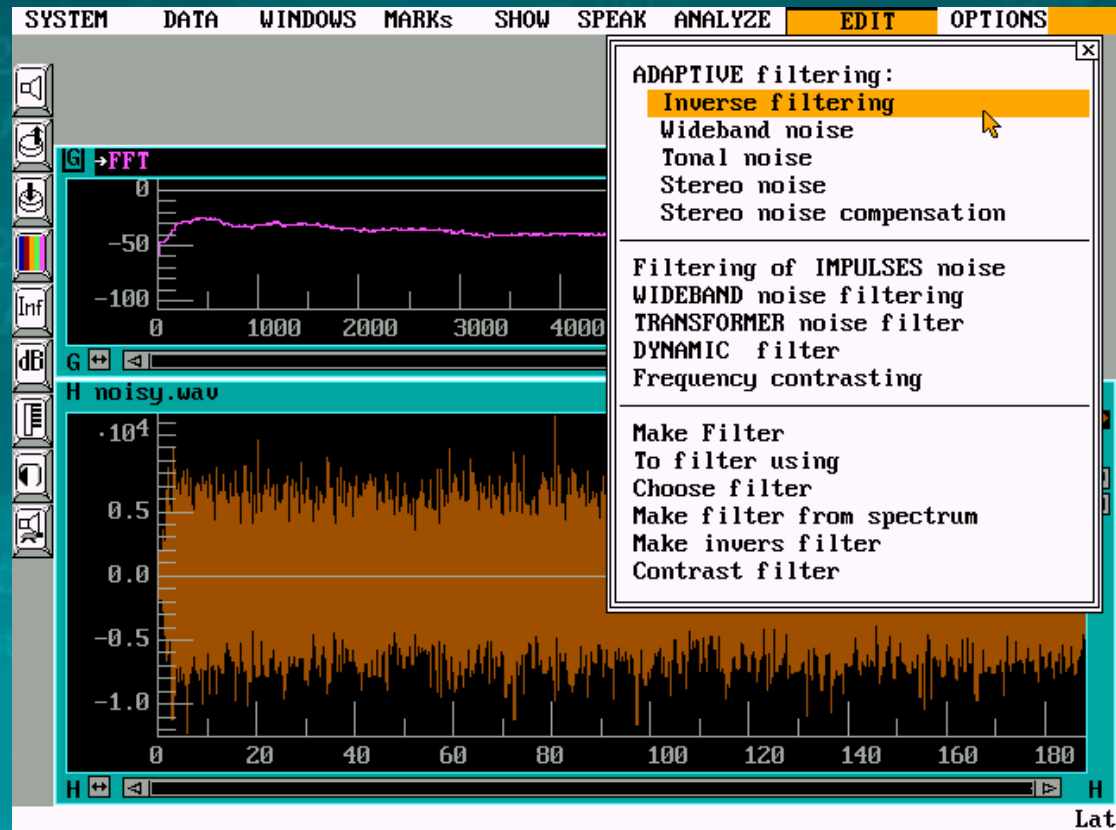
I K A R Lab SIS Speech Interactive Software

Types of Possible Analysis

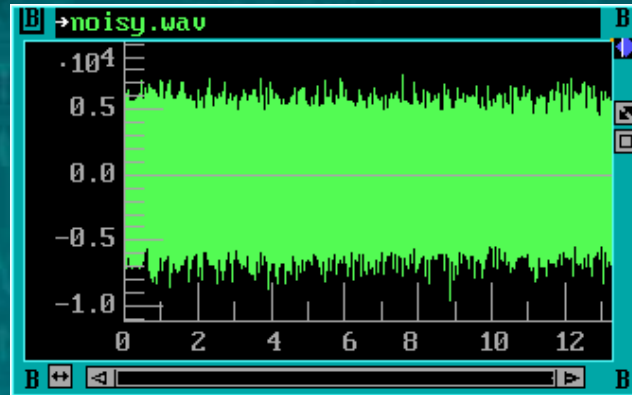


I K A R Lab SIS Speech Interactive Software

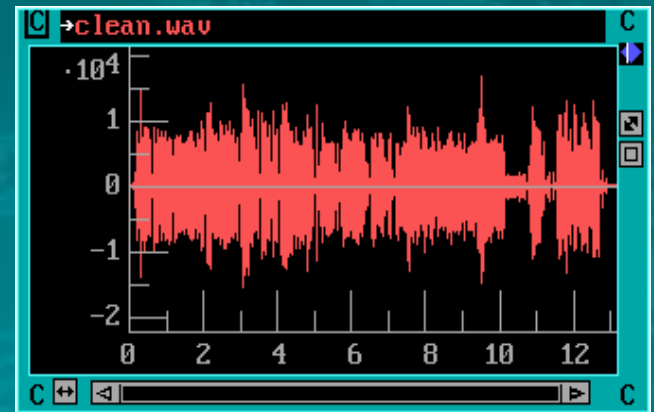
Speech
enhancement
& noise
cancellation



I K A R Lab SIS Speech Interactive Software



**Speech enhancement
& noise cancellation**



I K A R Lab

STC professional sound input/output board with External Connection Unit



Contact us




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