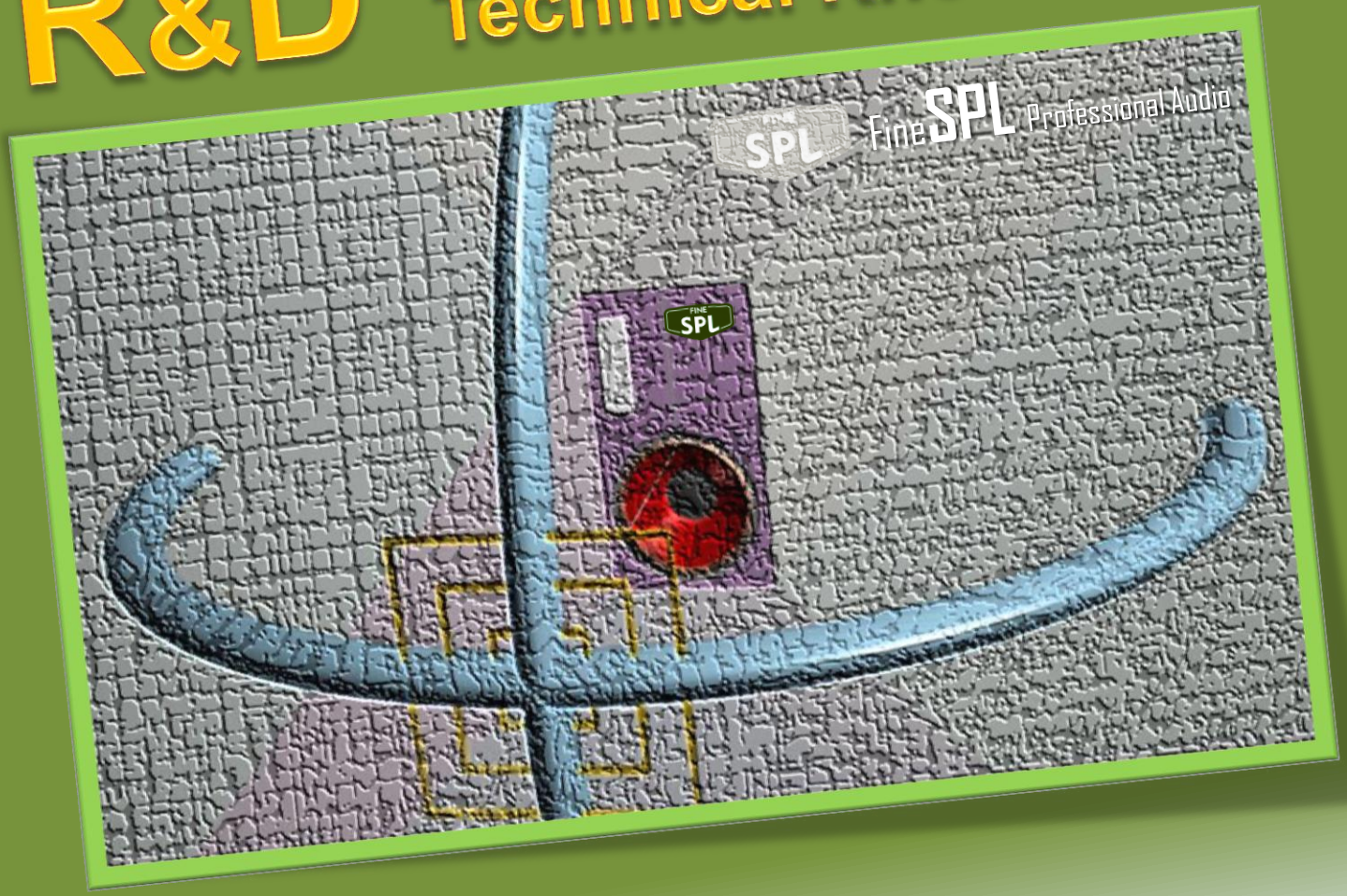
R&D Technical Know How



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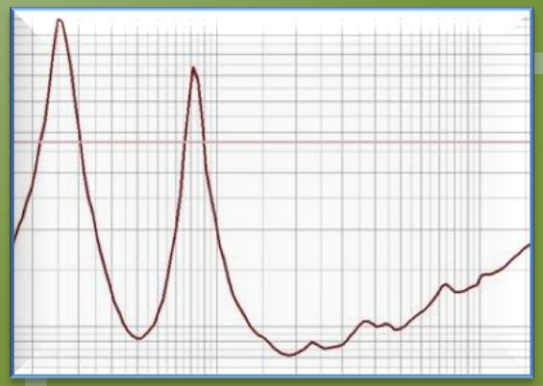
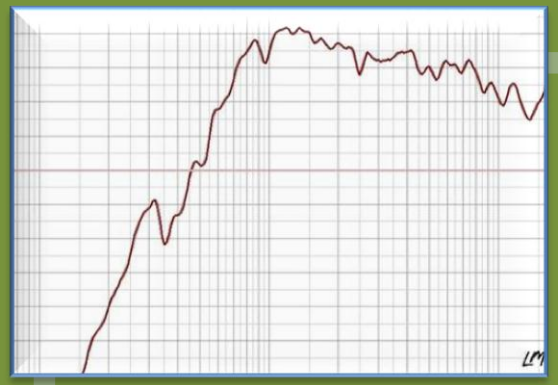
Product Design Procedures

Pre simulation steps before building cabinet

Pre-simulated results to obtain desired acoustic data for cabinet design criteria



Impedance analysis for desires acoustic data to meet design criteria



Measured response curve of all relative transducers to meet expected design criteria

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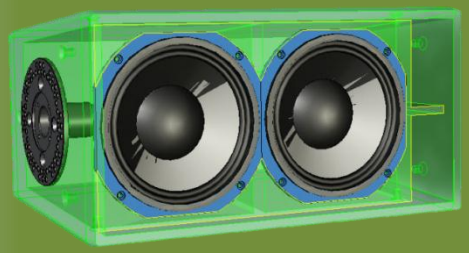
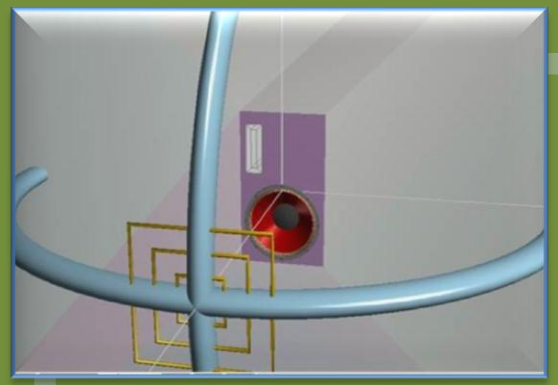
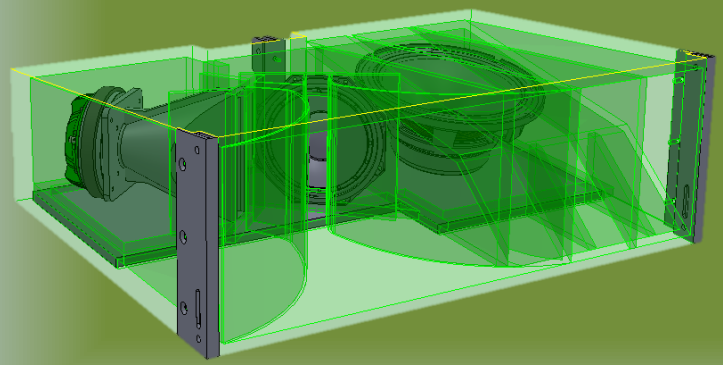
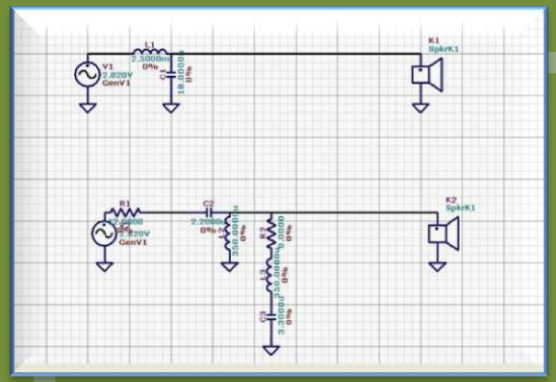


Acoustic Data Simulations



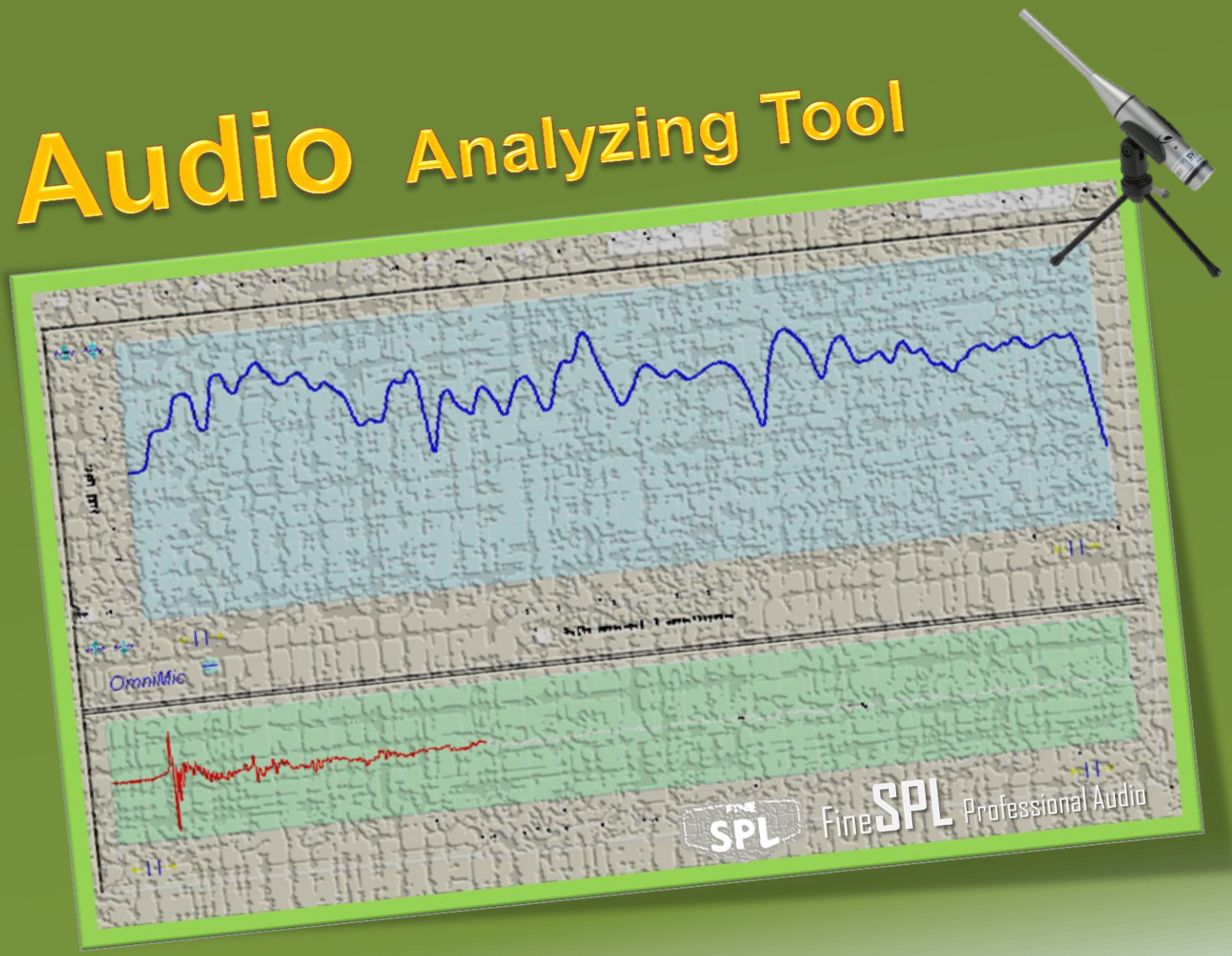
Cabinet volume simulation with all measured acoustic data input to LEAP software





Simulated crossover dividing network to build golden sample cabinet

Audio Analyzing Tool



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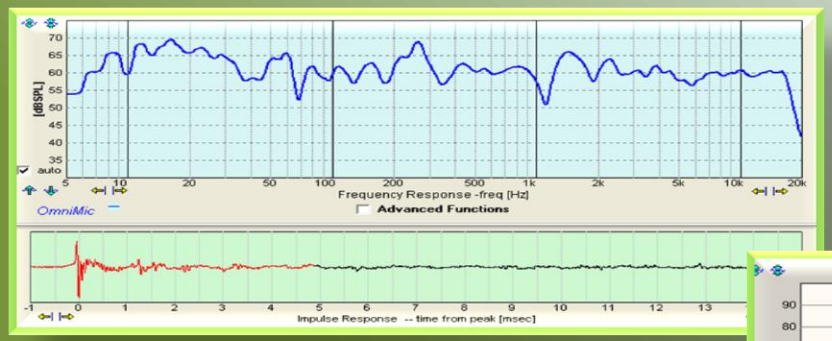
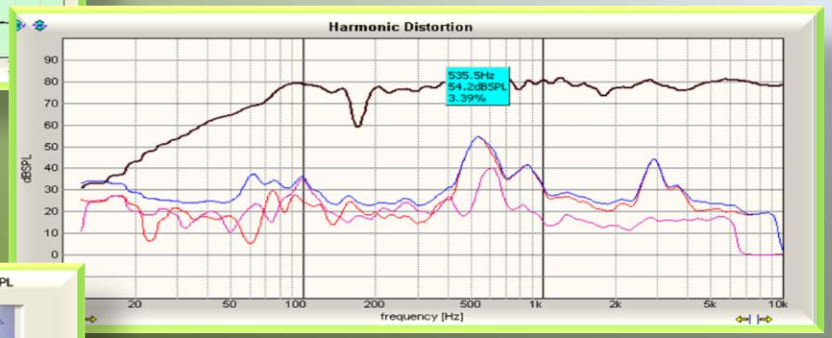
Acoustic
Data Analyzing



Frequency/ Impulse Response



Harmonic Distortion

RTA Spectrum/ SPL Meter

Phase Response

Acoustic Analysis

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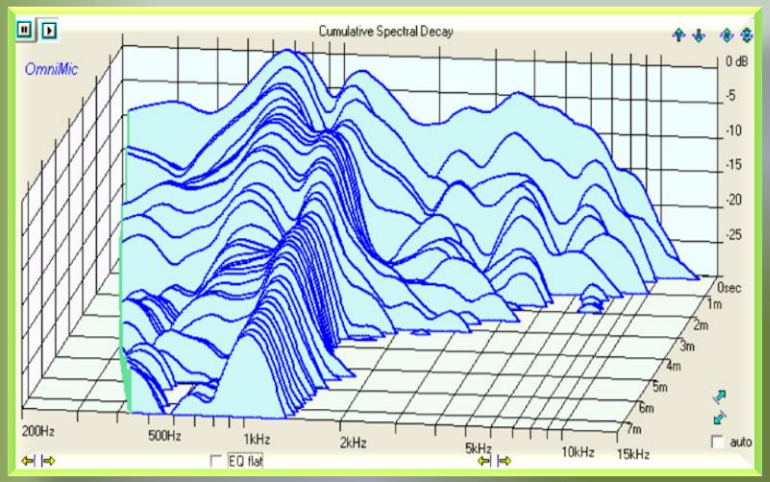
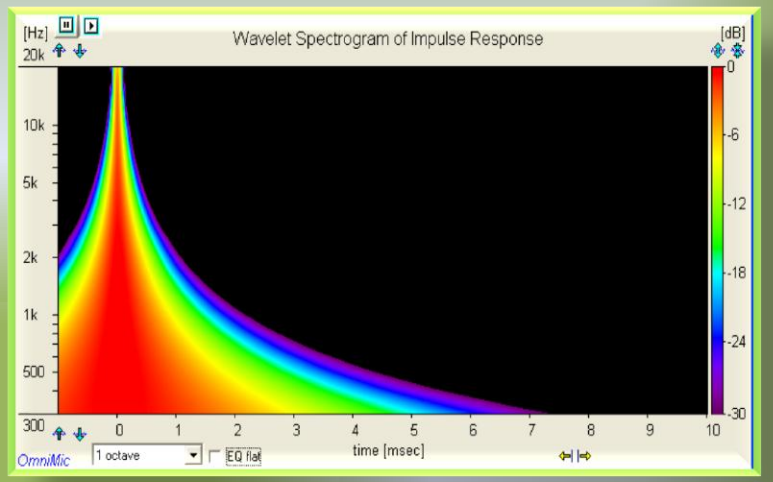
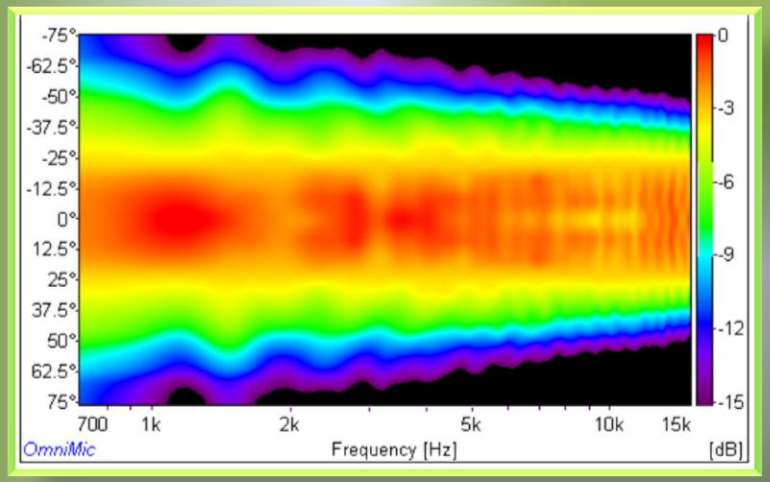


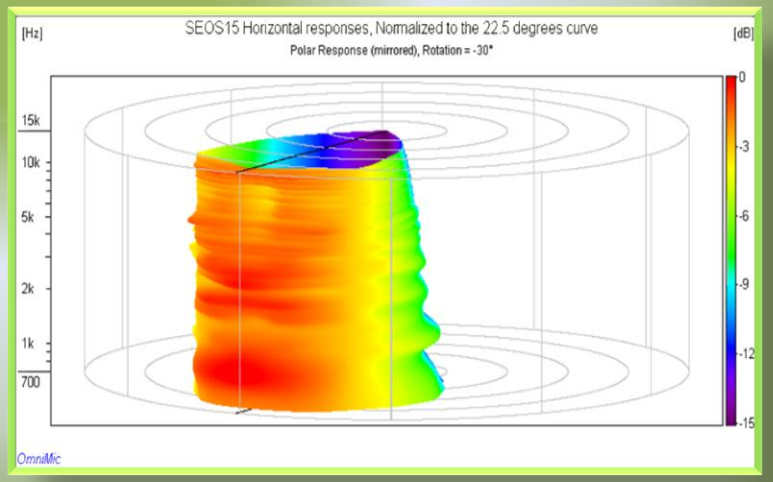
CSD- Waterfall



Wavelet Spectrogram



Polar Response



Polar Response

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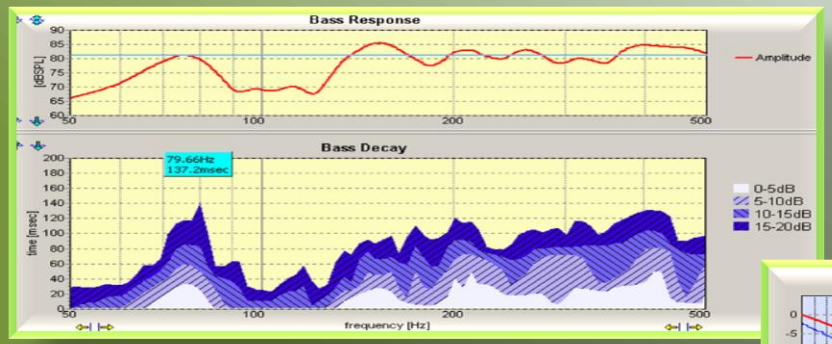
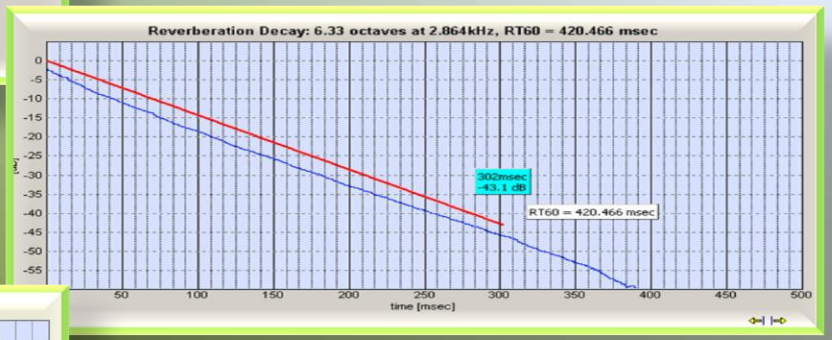
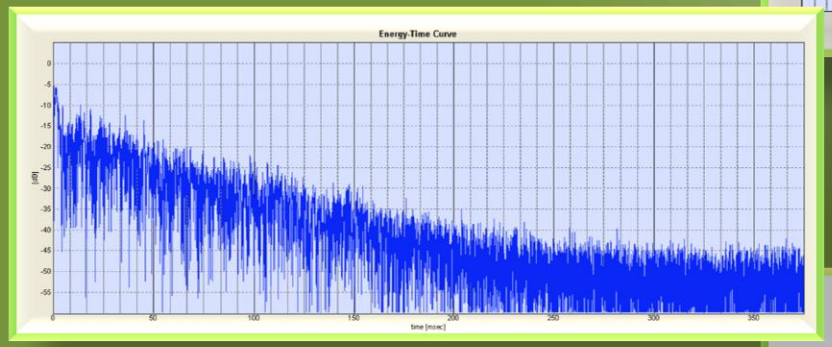
Acoustic
measurement & Analysis



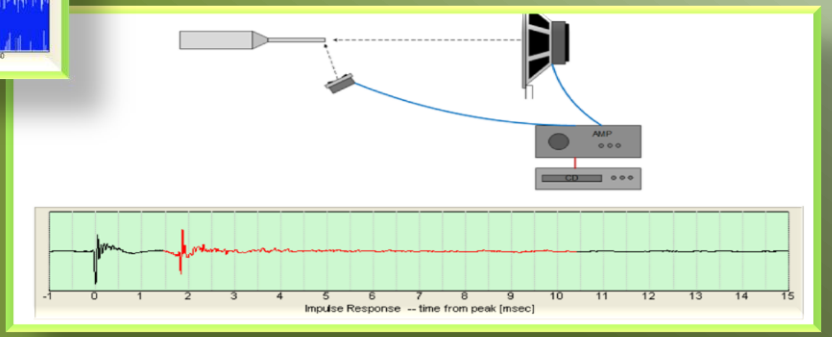
Bass Decay Response



RT-60 Reverberation



ETC- Energy-Time Curve



Delay Detect