LOUDSOFT
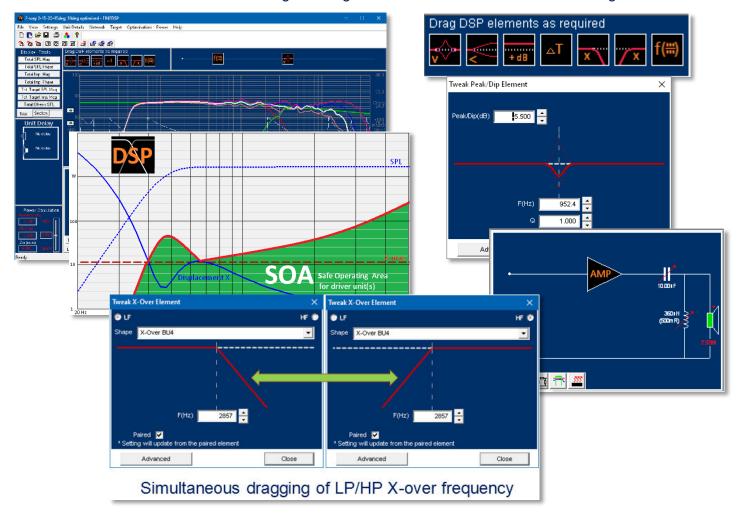
FINE DSP™

Digital X-Over and DSP simulation

"DSP X-Over Simulation incl. Hybrid (DSP +passive components)"

Features:

- Intuitive "drag and drop"-interface
- Up to 7 on/off-axis responses can be optimized in real time with acoustical phase
- Parametric EQ, Bandpass and Shelving filters with mouse adjustable Q and gain
- High order crossovers with mouse wheel up/down X-over frequency in real time
- Actual Power / Excursion limits SOA (Safe Operating Area) for loudspeaker drivers.
- Driver Digital Delay as Time / Distance or Digital samples
- Digital x-over and EQ can be simulated together with passive components
- Hybrid: One amplifier with DSP + passive X-over components for sections
- Real power sent to each driver is calculated and power/excursion limits are displayed
- No. of Digital Biquad's and Biquad Coefficients b0, b1, b2, a1, a2 export to amps.
- All values can be changed using mouse wheel for real time fine tuning

Simultaneous dragging of LP/HP X-over frequency

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