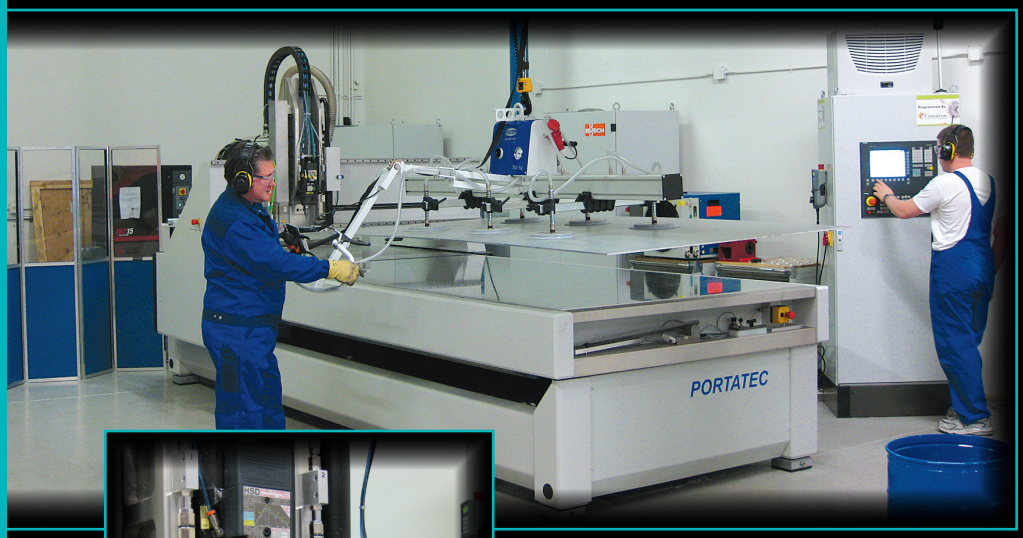
Cabinet Technology

YG ACOUSTICS™

Cabinet Technology

Fully CNC-machined, aircraft-grade aluminum construction



A massive aluminum plate is being loaded on one of YG Acoustics™' CNC machines, custom-made by Portatec in Germany. This is currently the largest precision-CNC used anywhere in the audio industry.

YG Acoustics™ enclosures are completely precision-CNC-machined of solid aircraft-grade aluminum, and pressure-assembled using exclusive technology. There is much debate in the audio industry with regard to enclosure materials. Specifically, which approach is "vibration-free", "well-damped", or in less scientific terms "more musical". Following is evidence that YG Acoustics™' technology is superior to other popular approaches.

Note: all measurements show cabinet vibration scaled to the sensitivity of the respective speaker. The lower the graph, the better.

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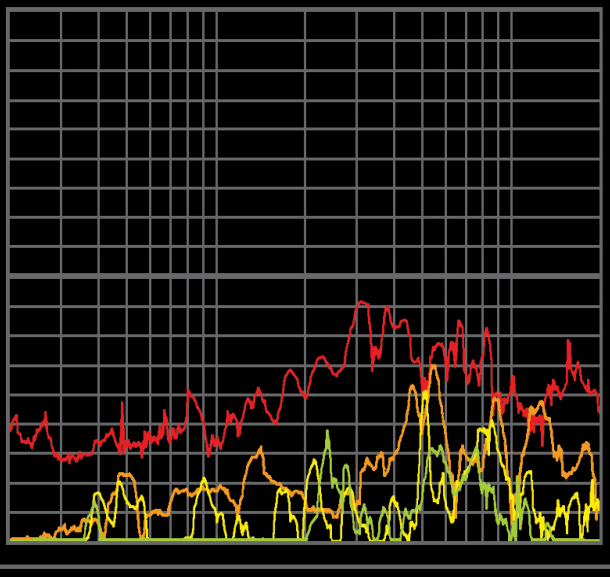
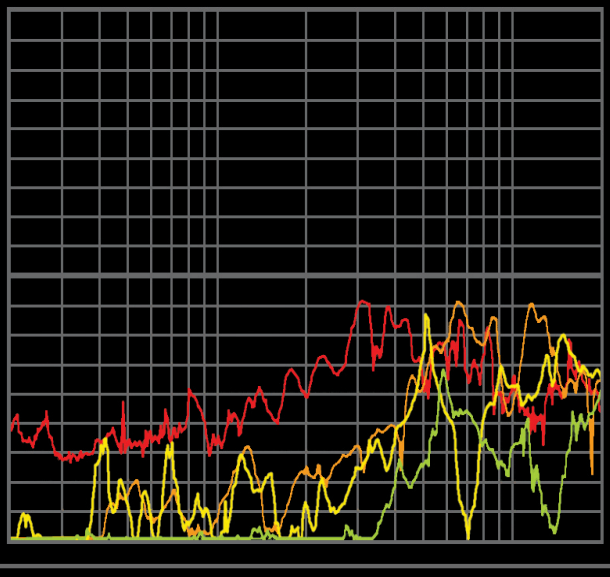
Low-Frequency Enclosure

YG Acoustics™ bass enclosure. 20~2,000 Hz. 5 dB div.
Leading competitor with resin bass enclosure.
Competitor with hybrid enclosure
(metal baffle, wooden body), bass section.
Leading European competitor with wooden enclosure.



Mid/High-Frequency Enclosure

YG Acoustics™ mid/high enclosure. 20~2,000 Hz. 5 dB div.
Leading competitor with laminate midrange enclosure.
Competitor with hybrid enclosure
(metal baffle, wooden body), mid/high section.
Leading European competitor with wooden enclosure.



Complex parts are produced on YG Acoustics™' 5-axis precision-CNC millturn, custom-made by Gildemeister in Germany. This is currently the most sophisticated CNC machine used anywhere in the audio industry.

YG Acoustics™' latest addition to the factory, which expands production capacity, is this high-torque precision-CNC machine, made by Japan's DMG-Mori Seiki.

Engineered by Yoav Geva

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All measurements performed in YG Acoustics™' state-of-the-art lab