

Swans Hi-end Loudspeakers - you can hear the difference!

Welcome to the World of Swans

Swans Speaker Systems, Inc has been founded with the goal of researching, designing, and manufacturing high quality drivers and loudspeakers using original products and technologies. Hi-Vi RESEARCH, a company with an international reputation and ten years of success in the loudspeaker industry, has become a manufacturing base for Swans' operations.

With more than ten years of profound experience, our engineers know what it takes to create a serious product. In order to realize our ambitious goals, we started by installing the latest high-tech equipment in spacious, modern buildings in Los Angeles, CA, creating model facilities for loudspeaker design.

In order to maintain and advance our position, we do not accept compromises. From the design stage through the manufacturing process, and finally, the all-important quality control procedures, every step we take is with one goal in mind – Quality. Quality in the broadest sense of the term. We use state-of-the-art R&D tools and software for designing and testing. We have installed sophisticated assembling equipment in our factories from several well known US and European companies. All components are carefully specified and checked before being put into production, no matter where they come from – North America, Europe or Eastern Asia. All drivers undergo multiple Quality Control inspections and tests before being shipped. All drive units designed by Swans are manufactured by Hi-Vi RESEARCH-the largest manufacturer of hi-end drivers in China.

Detailed graphs and specifications for Hi-Vi Research drivers can be found at www.swanspeaker.com. Each driver has its own frequency response graph, impedance graph, dimensional drawing, and specifications at this site.

TECHNICAL NOTES

1. All drivers prior to test are broken-in during 48 hours at Pnom.
2. Drivers' parameters were measured at normal room temperature 20 degrees C. If temperature is considerably different, the resonance frequency and Qts may have greater tolerance.
3. All drivers, unless specified in data sheet, are measured at 2.83v/1m in IEC baffle using B&K Audio Analyzer type 2012, B&K microphone type 2669 and B&K power Amplifier WQ1105.
4. All TSL parameters for 5", 6", 8" drivers were measured and generated with the LMS/LEAP system.
5. All TSL parameters of 10" and 12" woofers were received by correcting LMS/LEAP results with B&K's 2012 actual measurements of Fo, Qms, Qes, Qts. LMS has the lowest generated frequency 10Hz, which results in a big tolerance for drivers with low Fo. Therefore the B&K 2012 analyzer was used as a reference system capable of 1Hz measurements.