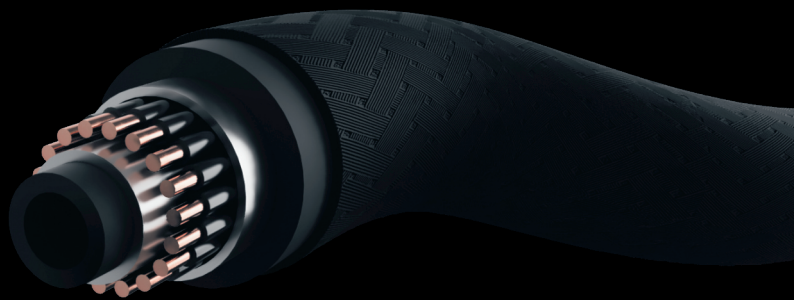


REGAL

Zero² technology



The Regal Zero² Speaker Cable Story

In May 2022 came the idea if it would be possible to design a speaker cable based on the patent pending Zero technology. In short, Zero technology completely erases the signal losses that normally occur in the insulation material in cables. But this is not enough to build a speaker cable that should be able to compete with any other speaker cable regardless of price point. Very low inductance was a firm requirement into the design process of this cable. It had to be market leading, meaning in the ballpark of 0.05uH/m. So, during the summer we tested both common design concepts as well as completely new ideas in our field simulators. We use simulation tools that are normally used by universities around the globe when performing scientific research within classical electrodynamics. To get a complete picture of how different ideas actually work we need to use two different electromagnetic field simulation engines. One for two dimensional simulations and one other engine for three dimensional field simulations. By the end of the summer we saw that we needed to combine two different technologies. Zero technology must be integrated with an innovative Litz-type that drastically reduces the inductance. About a month later we knew the exact geometry and electrical design of the cable. It is now September 2022. The next step was to try to find needed new sources for materials and a way to manufacture the cable. The autumn was an intense period of testing materials from suppliers from all over Europe, but also from Asia. By the end of the autumn we have found all new suppliers for this cable. They are from France, Germany, the Netherlands and Sweden. We could now build the first complete near production-like prototype. We broke-in the cable and started listening sessions. And all of what we were looking for in terms of audio quality and measured performance fell into its place. But when we develop a new cable we also use some audiophile friends to dig into all details of the sound and to comment on the prototype when used in their own playback systems. And the results were overwhelming. It was now obvious that this was something beyond what normally can be achieved in terms of minimizing the impact a speaker cable has on the sound. The final step, made in late December 2022, was to fine-tune some minor details for the production version of our Zero² Reference speaker cable.

We are really proud of this effort and just want to say congratulations to you for owning a truly exceptional speaker cable.

At least 40 hours of break-in time is recommended. The performance increase after a proper break-in period is significant. Using M-Noise according to our cable break-in guide is most efficient, but music provides the same end results. The guide is found at our web site: www.regalaudio.se

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