

# VOICE COIL

THE PERIODICAL FOR THE LOUDSPEAKER INDUSTRY

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### Industry News and Developments

By Vance Dickason

#### Klippel News

The Klippel GmbH has announced that in March 2012 Prof. Dr. Klippel will be holding his yearly three-day lecture at the Technical University of Dresden. The dates are now confirmed and are March 26 to March 28, 2012. The title for this lecture series will be "Sound Quality of Audio Systems." Students, as well as engineers, working in the fields of loudspeaker research, development, and quality control are welcome to attend. Participation fees will be \$401.52 (€300 +VAT) per person. Students will be granted free entry. For more information, visit [www.klippel.de](http://www.klippel.de).

Also currently available for download on the Klippel website are Professor Klippel's handouts to his presentations at the recent AES conventions in London and New York, plus ISEAT in Shenzhen. The title for 130<sup>th</sup> AES Convention in London was "Scanning the Magnetic Field in Loudspeakers." For the 131<sup>st</sup> AES Convention in New York, it was "Hot

and NonLinear." And in ISEAT in China, there were three titles: "Irregular Distortion Caused by Defects," "Regular Distortion Caused by Design," and "Sound Radiation and Cone Vibration."

#### Tang-Band Adds Ferrite Versions

Neodymium (rare earth) magnet prices increased enormously in the past eight months, and impacted all of Tang-Band's neo drivers' pricing. The TB Speakers engineering team spent about three months developing equivalent performance drivers for many of the company's drivers using standard ferrite magnets. Here is a list of former neo motor products that now have ferrite versions. The company has added an "F" to the model number for the new ferrite line of drivers as follows:

- W3-532SQF
- W3-881SJF
- W3-926SDF
- W4-1320SIF

- W4-1320SJF
- W4-1337SDF
- W4-1052SDF
- W5-1138SMF
- W5-1611SAF
- W6-1139SIF
- W8-1393SBF

For more information, visit the Tang-Band Speaker website at [www.tb-speaker.com](http://www.tb-speaker.com).

### Beyma Adds Ferrite Versions of Pro Sound Drivers

Like many companies in the industry, Beyma is making an effort to minimize the impact of the outrageous rise in the cost Neodymium magnets sourced out of China. Like TB-Speakers, Beyma has released several new ferrite versions of previously neo motor models. The new 12P80Fe and 15P80Fe low-frequency speakers are designed to deliver high efficiency with high linearity, low distortion, and excellent SPL output. These are models with sensitivities above 100 dB incorporating 4" (100 mm) voice coils with a program power handling of 1400 W and 1600 W, respectively, and designed for optimal performance in high-efficiency multi-way systems. These woofers are alternatives to the Beyma 12P80Nd and the 15P80Nd.

Beyma has also launched the new CD1014Fe, which is the ferrite magnetic circuit version of the recent CD1014Nd. Features include a 1.4" exit (36 mm), a 1.75"-edge wound aluminium coil (44.4 mm) and a PM4 diaphragm, sensitivity of 110 dB, and 140-W program power handling above 1.2 kHz. For more information, visit the Beyma website at [www.beyma.com](http://www.beyma.com).



Photo 1: New Beyma drivers using ferrite magnets

### Craig Georgi Remembered

Polk Audio recently announced the passing of Craig Georgi, who worked at Polk for more than 30 years before his retirement in 2008. He was the company's first employee. Ben Newhall, vice president of Sales and Marketing for Polk Audio, said: "On behalf of the entire Polk Audio and DEI Holdings teams, we are deeply saddened to hear of Craig's passing, but we are equally proud of the innumerable contributions he made to both the company and the speaker industry as a whole. He brought heart to Polk Audio with a knack for problem-solving, combined with an unshakable work ethic that set the foundation for our continued success. His influence is indelibly stamped on our culture."



Craig Georgi (1948-2011)

Craig Georgi (September 14, 1948–October 22, 2011) was there at the beginning. In 1972, he was hand-winding coils for crossovers in his bedroom at Le Chateau, an old mansion in Baltimore, MD, where he and the company's co-founders all lived and worked. As the company quickly grew to become a leader in the consumer audio market, Craig moved on to manage production and manufacturing for Polk Audio, both at the company's headquarters in Baltimore and at its manufacturing facility in Tijuana, Mexico.

Craig devoted more than 30 years to the company before his retirement in 2008. After retiring, he spent much of his time devoted to his family, bicycling, and an annual fundraising golf tournament, benefitting the Home of Guiding Hands, which provides services to more than 425 individuals with developmental disabilities in San Diego's East County, where Craig lived with his wife and family.

A private service was held in San Diego, CA on October 30, 2011. The family asked that in lieu of flowers, donations be made to Craig's favorite charities: The Home of Guiding Hands ([www.guidinghands.org](http://www.guidinghands.org)), The Challenged Athletes Foundation ([www.challengedathletes.org](http://www.challengedathletes.org)), and The Salvation Army (<http://donate.salvationarmyusa.org/>). **VC**

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