

Lyravox: 2019 Marks the Breakthrough of the Active Speaker

Hamburg, April 2019. Lyravox has chosen the Munich High End show 2019 to unveil a whole range of newly developed active speakers, dubbed the PURE range. The PURE series was directly derived from Lyravox' existing range of fully integrated floorstanding audio systems, the KARL family. Named after the flagship model, this range represented the world's first implementation of a high end audio system completely integrated into a pair of speakers, with multiple streaming and connectivity options. This approach had been motivated both by the sound quality advantages of centering an audio system around the speakers, and the lifestyle aspect of a system without external electronics, controlled by a single but extensive user interface - even including room correction functionality.

Tribute to the Radical Highend Clientele

While the classic KARL range remains one of Lyravox' trademark innovations and the ideal solution for interior-aware music lovers, the PURE incarnations now cater the more typical high end enthusiasts: streamerless to leave the owner the choice of the best suited digital source or format, and outfitted with a single-purpose Hi-Res DSP, higher grade audio interfaces, and slightly more authoritative power amplifiers of the amazing 4th generation of class D. Given the considerable success of the existing KARL range in terms of sound quality ratings and rankings, the additional high end focus of the PURE variants promises an advance into formerly unheard levels of audio fidelity. According to Lyravox, the PURE speakers not only represent the best possible backend to any directly connected sophisticated digital source, but also for analog sources of the highest grade. Based on the experience with the KARL range in the asian markets, a well-made contemporary digital/active speaker can upgrade any formerly 'analog only' audio chain.

2019 is the Year of the Active Speaker

The benefits of modern active loudspeaker concepts do not remain unnoticed any longer. With the invention of powerful, high resolution DSPs and the third generation of Class D amplification, the former disadvantages of active speakers have reversed into the opposite. The DSP eliminates the shortcomings of a passive crossover (such as distortion, phase shifting, amplifier decoupling) while being much more exact in crossover and filtering. The possibility of time alignment for the first time in speaker design allows the achievement of sonic coherence in multi-driver concepts. Thanks to the newest class D amplifiers, active speakers not only profit from super fast and controlled amplification for every driver individually, they also fully deliver the sonic and tonal gains which the DSP achieves. The early incarnations of such speakers have been catching attention and acclaim for a while already, while the conversions of many ranges of popular traditional speakers into active concepts now make the advantages of the active technology obvious. 2019 will be remembered for that revelation.

Symbiotic Systems, Built Around the Speaker

The recipe of all Lyravox systems is simple: start with the best possible speaker drivers, as no electronics can reconstruct what the drivers are mechanically unable to reproduce. Lyravox has identified the solid ceramic/diamond cone driver range of Accuton® as the best choice for a digital/active speaker. Cabinets, internal cables and amplifiers are designed/selected to match and optimally serve these drivers as the actual interface between signal and real world. The DSP is used to melt this hardware into a perfectly tuned audiophile symbiosis, free of bottlenecks and mismatches. This concept totally challenges the traditional approach of the 'audio chain', where individually developed components are cabled into a chain, with random outcome. For Lyravox, the audiophile symbiosis would be incomplete without the inclusion of the listening room, that's why all Lyravox systems are recreating the musical diffuse field ('room ambience') through dedicated tweeters. More importantly, all models allow the matching of the system to the room by internal room EQ adjustability - potentially one of the biggest advantages of modern DSP based systems and one of the biggest breakthroughs for high end audio overall.

On the Munich High End 2019 all the new models will be on demo, please visit room F225 in Atrium 4.2 to check out KARL PURE, KARLOTTA PURE, KARLINA PURE and KARLOS PURE.