

THE CULTURE OF SOUND



KARL

KARLOTTA



LYRAVOX
HAMBURG



Lyravox KARL

EVOLUTION OF STEREOPHONICS

The introduction of the modern ceramic diaphragm has considerably extended the technical and sonic capabilities of today's loudspeakers. As one of the first manufacturers, Lyravox has now leveraged this vast potential with the numerous advantages of a fully active, multi-amped and digitally controlled loudspeaker management. This evolutionary progress is comparable to the switch from a mechanical carburettor to a digital engine management in a supersportscar. The results of this consequent evolution are KARL and KARLOTTA, the first floorstanding systems from specialist manufacturer Lyravox.

WHOLISTIC ACOUSTICS

Lyravox is known for wholistic audio systems in favour of perfect acoustics. Based on the best possible loudspeaker as the physical generator of the sound, the chain of its amplifier, the signal feed into the amplifier, and the processing frontend form a lossless and perfectly coherent system. This whole integral chain is devoted to the achievement of a perfect stereophonic projection. That's why to Lyravox a consequently integrated speaker must be the heart of the audio system.



Marking the state of the art in midrange reproduction:
Accuton® 4D- inverted dome driver

SOUND AS A CONCEPT

Lyravox, however, is never focused on technology itself but on the actual sound improvements that can be achieved through new technologies. The beginning of a product development always starts with a clear and detailed vision of the many dimensions of ideal stereophonic sound, matched with the knowledge of which technology can actually serve a certain purpose. Many new technologies had to be excluded, because their advantages are being outweighed by sonic compromises. Any Lyravox product, regardless of its price tag, must deliver an overwhelming musical presentation that never leaves the listener lack any aspect of imaging, tonality, detail, texture, timbre, dynamics, timing, homogeneity and - most of all - 'voicing' in comparison to the real 'live' performance - or even outperform the latter in case of a perfect recording.





ALL YOU NEED IS KARL(OTTA)

Appearing like mere floorstanding loudspeakers, KARL and KARLOTTA are almost complete audio systems. The onboard electronics, including a powerful multi-channel DSP and up to five power amps per speaker, replace the usual pre-amp, DAC, power amp, crossover, cabling, and room correction processor. The traditional 'audio chain' with all its flaws, bottlenecks and mismatches is being replaced by a perfectly matched and tuned technical symbiosis of speakers and electronics. This lossless system is the perfect backend for any sophisticated audio source, thanks to its high grade professional interfaces, be it digital or analog sources. With the automatic source detection and wakeup/sleep feature of KARL/KARLOTTA, the combination of the speakers and the frontend operates like a fully integrated system.

HIGH END, MADE TO MEASURE

Appropriately for a system like KARL or KARLOTTA, the units are entirely manufactured by hand, in the heart of Germany's music capital Hamburg. Therefore, besides the KARL signature look (brilliant white nanocoat) unlimited finishes are available for the exterior of the units. The integrated baseplate is made from solid slate, which apart from its exciting look is a sonically ideal material for this purpose. Individual in any case is the finetuning of KARL and KARLOTTA for room correction, which is not done by algorithms but by Lyravox trained room acoustic experts. KARL is designed to cover rooms from ca. 30 - 120 m², KARLOTTA for rooms ca. 25 - 75 m².





“...works at super speaker levels and can easily keep up with the world’s best.”

Hans v. Draminski, Fidelity (Karl)

SPECIFICATIONS

	DIMENSION/WEIGHT	COMPONENTS	INPUTS
KARL	52 x 160 x 23 cm (Baseplate 46 cm deep) ca. 88 kg	Tweeter Accuton® Cell® BD25 Diamond 25 mm Midrange Accuton® 4D Ceramic 7" 3 x Midbass Accuton® CI73 7" Subwoofer ScanSpeak® 30W Aluminium 12" 2 x Rear Tweeter Ringradiator Vifa® XT 25 1 x Ambiance Tweeter AMT 10 Power Amps CLASS D 4 th Gen., 2400 W Total Power	Analog Balanced (XLR) Analog RCA (Cinch) Digital AES/EBU Digital SPDIF (Coax) Digital Optical
KARLOTTA	45 x 109 x 19 cm (Baseplate 38 cm deep) ca. 55 kg	Tweeter Accuton® Cell® Ceramic 30 mm 2 x Midbass Accuton® CI73 7" Subwoofer ScanSpeak® 30W Aluminium 10" 1 x Ambiance Tweeter AMT 6 Power Amps CLASS D 4 th Gen., 1200 W Total Power	Automatic Source Selection by Auto-Detect Automatic Wake up/Sleep
		KARLOTTA D: Tweeter Accuton® Cell® BD25 Diamond 25 mm	

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SM3-150



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