



LYRAVOX
HAMBURG

THE EVOLUTION OF SOUND

FULLY INTEGRATED DIGITAL/ACTIVE LOUDSPEAKER SYSTEMS
WITH INTEGRATED STREAMER AND MULTI-CONNECTIVITY



LYRAVOX KARL

LYRAVOX KARLOTTA



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 the specialist manufacturer Lyravox.

WHOLISTIC ACOUSTICS

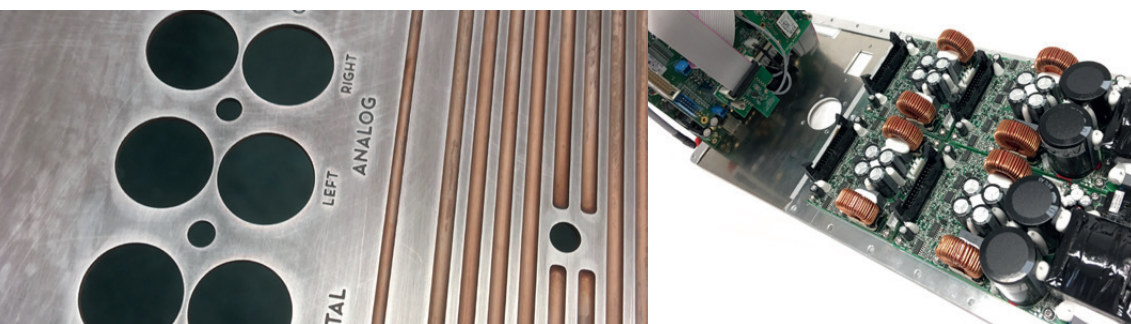
Lyravox is known for wholistic audio systems in favour of perfect acoustics. Based on the best possible loudspeaker as the physical generator of the sound, the chain of its amplifier, the signal feed into the amplifier, and the processing frontend form a lossless and perfectly coherent system. This whole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

Appearing like mere floorstanding loudspeakers, KARL and KARLOTTA are actually complete audio systems. Besides their amplification electronics (6/8 channels of Pascal[®] S-Pro-power amps of 500w each) and the 8-channel digital crossover/equalisation/time alignment in FIR technology, the systems comprise an integrated full-spec streamer. The streamer not only offers the direct integration of the sonically advantageous HD audio file replay, it also benefits from its seamless embedding into the system. Equipped with the Lyravox streaming frontend, KARL and KARLOTTA feature networked streaming of HD files with up to double recording studio resolution (24 bit/192 khz) and Hi-Res internet streaming „on demand“ via TIDAL[®] and Qobuz[®]. Also the integrated Bluetooth[®] aptX[®] interface offers near CD-quality resolution. Further sources include a new generation internet tuner, USB storage playback, external digital inputs and external analog inputs. All sources and functions are being controlled either by the Lyravox Remote app for iOS[®] and Android[®], or even more intuitively by the Lyravox RF remote control with colour screen. At this level of integration, KARL and KARLOTTA mark the world's first fully integrated, full scale high end audio systems.

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.





EXPAND YOUR SENSES

The evolution marked by KARL and KARLOTTA deserves to be called a milestone for high end audio. We invite you to explore and enjoy it in a private audition. Please contact us so we can make it possible.



SPECIFICATIONS

MODEL	DIMENSION/WEIGHT	COMPONENTS	SOURCES	AUDIO FORMATS
KARL	52 x 160 x 23 cm (Baseplate 46 cm deep) Weight: ca. 88 kg	Tweeter Accuton® Cell® Ceramic 30 mm Midrange Accuton® 4D Ceramic 7" 3 x Midbass Accuton® C173 7" Subwoofer ScanSpeak® 30W Aluminum 12" 2 x Rear Tweeter Ringradiator Vifa® XT 25 AUDIOVO HD-Streamer (Made in Germany) Lyravox® 3-Core-/8-Channel DSP-Module 8 x 500w Pascal® S-PRO2 Class D Power Amps (per pair) CSR Bluetooth Apt-X®	integrated: - USB-Stick via LAN/WLAN (802.11b, g, n): - Music Server - NAS - PC - DLNA-Sources via Internet: - Internet-Radio - Premium Services: TIDAL®, Qobuz®	• MP3 up to 320 kBit/s, VBR/CBR • WAV, AIFF, PCM up to 192kHz/24Bit Int/32BitFloat • FLA C up to 192 kHz/24 Bit • Ogg Vorbis • WMA (standard only; no Pro or Lossless)
		KARL D.: Tweeter Upgrade Accuton® BD25 Diamond 25 mm		
KARLOTTA	45 x 109 x 19 cm (Baseplate 38 cm deep) Weight: ca. 55 kg	Tweeter Accuton® Cell® Ceramic 30 mm 2 x Midbass Accuton® C173 7" Subwoofer ScanSpeak® 30W Aluminum 12" (1 x per pair) 2 x Rear Tweeter Ringradiator Vifa® XT 25 AUDIOVO HD-Streamer (Made in Germany) Lyravox® 3-Core-/8-Channel DSP-Module 6 x 500w Pascal® S-PRO2 Class D Power Amps (per pair) CSR Bluetooth Apt-X®	via Bluetooth (A2DP, AptX®): - Smartphone, Tablet, PC etc. external via cable: - analog in - digital in (SPDIF coax)	• AAC/M4A, ALAC Gapless Playback at WAV, AIFF, PCM, FLA C, MP3, ALA C, AAC (m4a)
		KARLOTTA D.: Tweeter Upgrade Accuton® BD25 Diamond 25 mm		

The information in this leaflet is subject to possible errors and technical changes. iOS, Android, aptX, Bluetooth, Scan Speak, TIDAL and Qobuz are trademarks of their respective owners.

TEST VERDICT HIFI EINSNULL MAY 2017

HiFi
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 Lyravox' Karlotta is absolutely able to replace a complete HiFi-Setup. The classy all-in-one-system develops an excellent sound, the elegant design and the fine build quality can actually become minor matters once the system starts playing.



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