

NOMOS XLC

- 3 x 18" High performance subwoofer for 2 channel operations
- Cardioid and/or hypercardioid directivity with high rear attenuation
- For use with K&F SystemRack
- Frequency range starting at 28 Hz (-10dB)
- Very high max. SPL of 140 dB (SPL peak / 1m / full room)

The K&F NOMOS XLC is a cardioid 3x18" subwoofer for a multifunctional variety of high-performance uses. Its possibilities of use range from theatre and opera to disco, club, live, and large open air events.

With its innovative construction and unique design, the K&F NOMOS XLC is also extremely well-suited for use as a sub-low speaker or a classic bass system. It unites enormous and precise low bass with the necessary punch. The extremely broadband, balanced, fast, and precise bass playback justifies an entirely new generation of subwoofers. From a mechanical and acoustic perspective, the K&F NOMOS XLC is extremely resonance-free and is designed with the lowest possible group delay time.

Because of the reduced interference and the directional bass share of the front sound coverage, working with the cardioid is efficient and simple. NOMOS XLC reduces the rear sound pressure broadband by -12dB to -24dB without any limitations in the performance capabilities and the sound characteristics. As a result, the sound level of the stage monitors can, for example, be significantly reduced.

In designing the NOMOS XLC, special attention was paid to good handling in daily use, thus saving work-hours and time. The minimal weight, compact dimensions, and well thought-out design as well as adhering to the trucking dimensions save storage and transport volume.

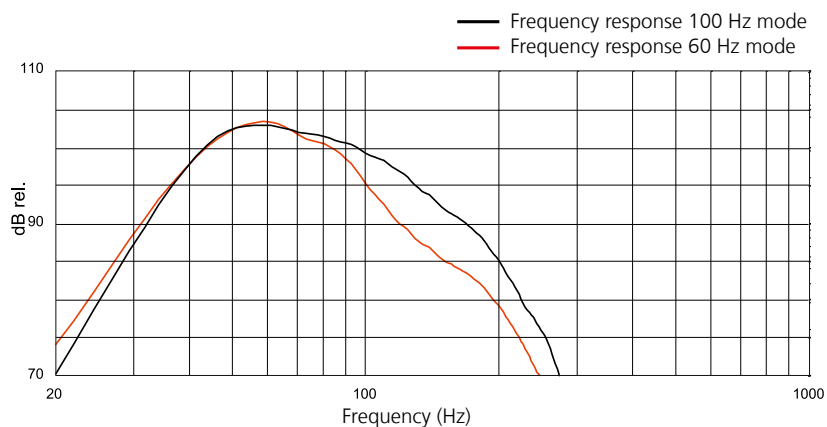
The NOMOS XLC is easily set-up using "Plug & Play" via the K&F SystemRack. With the Break Out Box BOB-C, up to three NOMOS XLC can be operated from one K&F SystemRack.

The sum of all of these features makes the K&F NOMOS XLC a notably musical, professional, and cost-saving tool that makes room for what is truly important: the targeted and creative crafting of acoustic impressions.

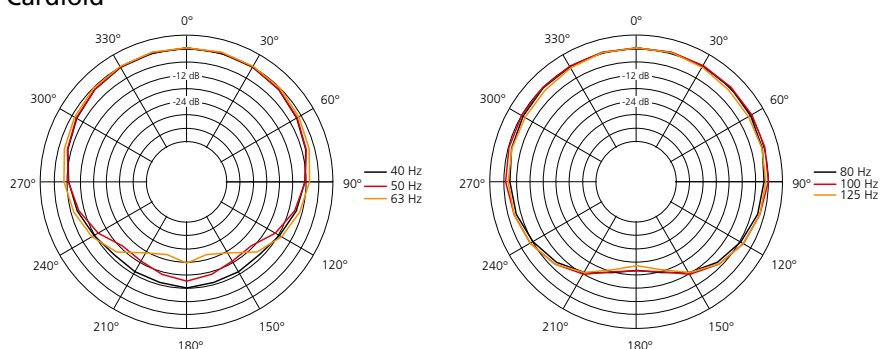


Loudspeaker	
Design	Bass reflex system (K&F SystemRack or K&F TOPAS is required for use)
Crossover frequency (2-Way-Active / 60 Hz)	100 Hz / 60 Hz
Lower cut-off frequency (-3 dB / -10 dB)	33 Hz / 28 Hz
Coverage	Cardioid / Hypercardioid
Power handling (front / rear)	2000 W / 1000 W nominal ¹⁾ 4000 W / 2000 W program ²⁾
Max. SPL	140 dB (SPL Peak / 1 m / free field)
Components	3 x 18" long excursion chassis, 100 mm voice coil with double centering, internal and external ventilation, double demodulation ring for minimal distortion
Loudspeaker / Channel	1 ³⁾
Wiring	2 x Speakon® 4-pin NLT4MP front speakers: 1+ / 1- rear speaker: 2+ / 2- IN parallel to OUT
Enclosure	
	Frame reinforced enclosure, 15 mm multiplex with highly resilient Polyurea synthetic black coating, 8 ergonomic butterfly handles, 8 non-abrasive plastic sliders, 8 stacking grooves for save stacking of identical enclosures, 4 x 100 mm transport castors, 2 locking profiles for transport optional transport cover, ball-proof steel grille with exchangeable black acoustic foam
Dimensions (W x H x D)	1200 x 600 x 903 mm (including Castors)
Weight	95.0 kg / Transport Cover: 8.7 kg (optional accessorie)
Accessories	see catalogue or visit www.kling-freitag.de

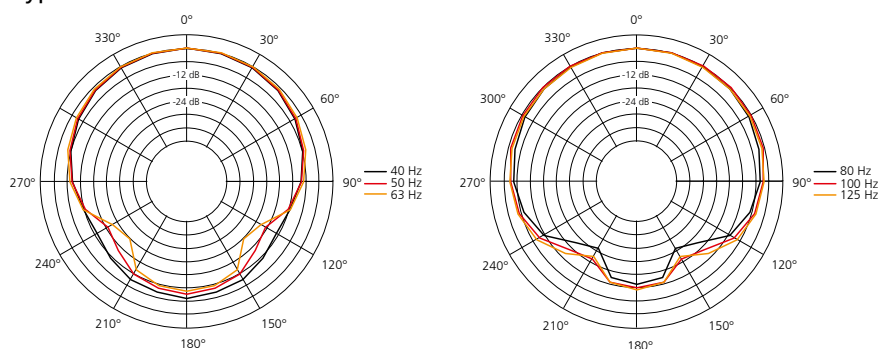
¹⁾ Pink Noise 40 - 250 Hz, 2 h ²⁾ as ¹⁾ but with 50% duty cycle ³⁾ 2 channels needed



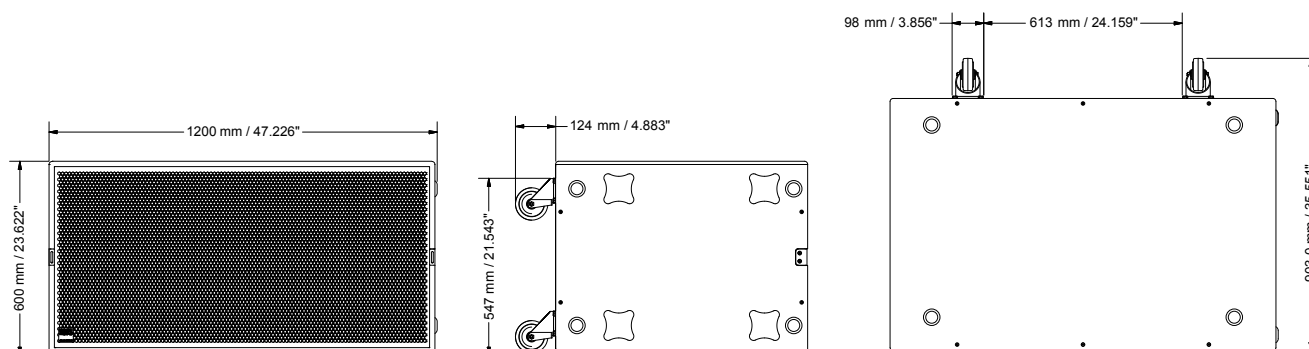
Cardioid



Hypercardioid



All measurements under free field conditions. Frequency patterns 1/6 octave averaged. Coverage and polar pattern 1/3 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.



Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site
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