

# NOMOS XLS

- High-performance 1 x 18" subwoofer
- Operation with K&F SystemRack
- Frequency response 29 Hz (-10dB)
- Maximum sound pressure level of 136 dB (SPL peak / 1m / half space)

The K&F NOMOS XLS is a compact 18" bass reflex subwoofer intended for the highest demands. Equipped with a 18" premium chassis with a neodymium magnet and 100 mm voice coil, this subwoofer is to be operated over the K&F SystemRack only - a combination which guarantees, especially in ProRental operations, maximum operating reliability, perfect performance and compatibility in the 'dry hire' business. The NOMOS XLS in both single and multiple applications is ideal for the low frequency response of the K&F full-range systems of the SEQUENZA line arrays and GRAVIS or the CA-, Line Series and the horn-loaded ACCESS T5 / T9.

As with the complete range, the NOMOS XLS has a discreet and functional design. The front of the speaker is protected by a grille, underlaid with opaque black filter foam. The visible features, which are optimised for practical use of the compact subwoofer, are two ergonomic recessed grips, various stacking recesses to reduce slippage when stacking the same and compatible systems and the M20 thread for the spacer tube, as well as 2 solid metal inserts to attach the optional transport cover with wheels. At the front, a Speakon connection is positioned discreetly behind the brand logo for the cabling in cardioid mode. The design of the bass reflex tunnel prevents the emergence of disturbing flow noises, right up to the limit. The coated housing is reinforced by frames to suppress resonance and for optimum reverse damping.

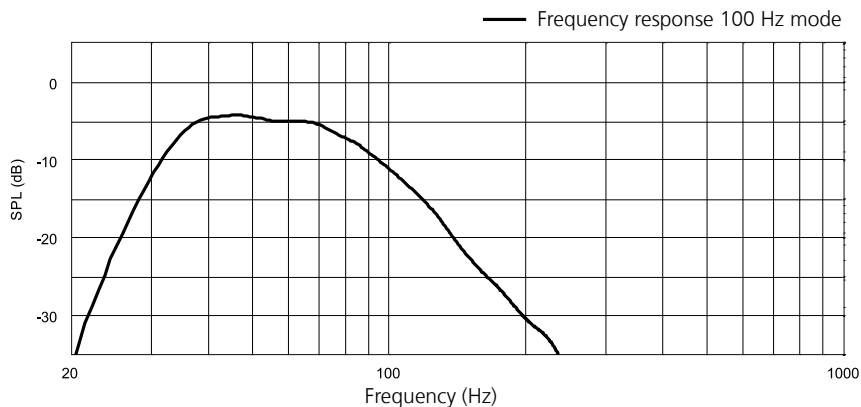
The K&F NOMOS XLS is equalised by the four-channel K&F SystemRack. The subwoofer can be used in many different ways. Several combinations, such as an individual system or a cluster of 3 for a cardioid setup - also with the NOMOS XLT - are possible. Based on its 'modular principle', a practical feature of the NOMOS range is mechanical compatibility of the NOMOS XLS with the NOMOS XLT. In addition, the numerous presets of the SystemRack also enable flexible and consistently high-quality solutions, also at the control side. For example, cardioid operation combined with subwoofers from the NOMOS range provides many advantages, such as the qualitative improvement in sound due to the increased directivity in the low-frequency range, astonishingly high reverse damping of up to -24 dB and the associated prevention of disturbing emissions.

The sum of all these features makes the K&F NOMOS XLS an extremely powerful, musical and professional tool, which clears the way for what is really important - the directed and creative design of acoustic impressions.

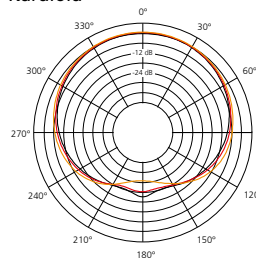


Loudspeaker	
<b>Design</b>	Bass reflex system (K&F SystemRack is required for use)
<b>Crossover frequency</b>	100 Hz / 60 Hz
<b>Lower cut-off frequency (-3 dB / -10 dB)</b>	33 Hz / 29 Hz
<b>Coverage</b>	Omnidirectional (a cluster of 3 or in combination with the NOMOS XLT can be driven in cardioid)
<b>Power handling</b>	1500 W nominal (IEC 268-5) <sup>1)</sup> 3000 W program <sup>2)</sup>
<b>Max. SPL</b>	130 dB (SPL Peak / 1 m / full space) 136 dB (SPL Peak / 1 m / half space)
<b>Components</b>	18" subwooferchassis, 57 mm peak-to-peak excursion, inside and outside ventilated voice coil gap for reduced power compression, aluminium demodulating ring for very low distortion
<b>Loudspeaker / Channel</b>	2
<b>Impedance nominal</b>	8 Ω
<b>Connectors</b>	(+1/-1) Speakon® 4-pin NLT4MP 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 NOMOS XLS, NOMOS XLT and Line 212, 2 locking profiles for optional transport cover, 2 locking profiles for transport optional transport cover with 4 x 100 mm transport castors, additional Speakon®-connector hidden behind the rotatable logo on the front grille, ball-proof steel grille with black acoustic foam
<b>Dimensions (W x H x D)</b>	591 x 591 x 740 mm
<b>Weight</b>	41.3 kg
<b>Accessories</b>	see catalogue or visit <a href="http://www.kling-freitag.com">www.kling-freitag.com</a>

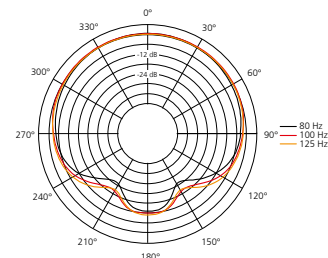
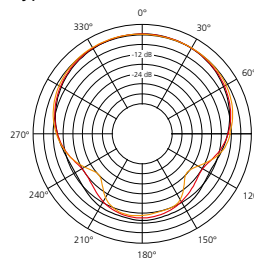
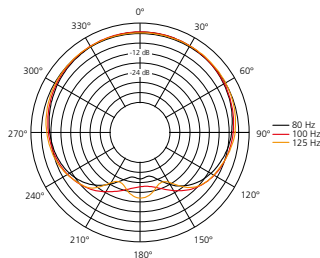
<sup>1)</sup> Pink Noise 40 - 250 Hz, 2 h    <sup>2)</sup> as <sup>1)</sup> but with 50% duty cycle



**Kardioid**



**Hyperkardioid**



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. Attenuation factor depends on setting and configuration.

