

# SW 215E

- 2 x 15" high-performance subwoofer with high efficiency
- Frequency range down to 36 Hz (-10dB)
- Stacking foot grooves for single or clustered Line 212 systems
- Optional version for 'flown' applications, compatible with 'Click & Fly®' Flyware
- 15" chassis with high power-handling capability and linear excursion
- High achievable maximum sound power level 139 dB (peak/ 1m / half-room)



The SW 215E is a highly flexible active plug-and-play subwoofer system for applications in which a powerful and highly differentiated bass reproduction with high sound pressure is needed. Using the optional K&F CD 44 digital system controller, the subwoofer can be combined well with high quality full-range systems.

Furthermore, combinations with the K&F Line 212 Systems harmonise extremely well. Distinctive features in the construction of the SW 215E enable multifaceted variations with the horn loaded full-range systems of the Lines Series and complete these systems ideally.

Using the stacking foot grooves on the top and the side, the Line 212 Systems can easily be stacked on top of vertically or horizontally positioned SW 215E. The position of the grooves on a horizontally positioned SW 215E enables a precise alignment of two Line 212 in three different array angles.

The exceedingly compact dimensions for a subwoofer of this performance class, and the professional features of the SW 215E are just as convincing as its brilliant performance and achieved maximum sound pressure.

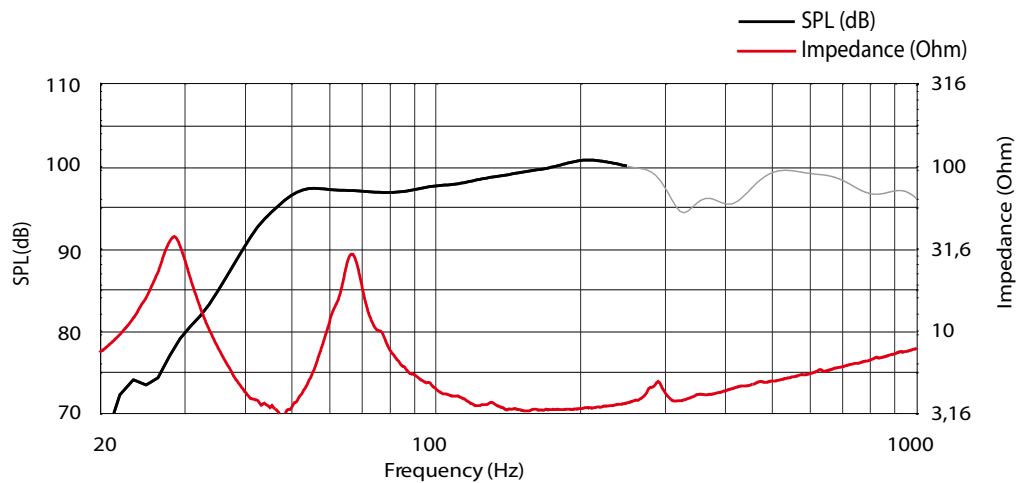
The optional 'Suspension' version of the SW 215E has 6 integrated 'allsafe JUNGFALK Flying Tracks' which have a high load capacity; this 'Suspension' version enables not only horizontal but also vertical 'flying' of the subwoofer. For a fast and safe set-up, the rigging system 'Click & Fly' Flyware, which is 'BG certified' and compatible to the Line 212 System, is recommendable.

The SW 215E is equipped with two 15" state-of-the-art chassis which represent the current status of technical feasibility, can bear extreme peak performance, and enable high linear excursion. An especially stable and complex tunnel and enclosure construction minimise friction losses and distortion which occur at high air velocities. As a consequence, the backward attenuation of the subwoofer is optimised. The exponential tunnel geometry of the SW 215E renders a significant share of the outstanding performance while having very compact dimensions.

The SW 215E is an impressive bass system which combines excellent bass reproduction with impressive sound pressure in a compact form. This system has an excellent cost/performance ratio and is recommendable for a wide variety of high-level professional uses.

Loudspeaker	
<b>Design</b>	Bass reflex system with exponential tunnel geometry
<b>Frequency range -10 dB</b>	36 Hz - 1 kHz
<b>Frequency range ±3 dB</b>	42 Hz - 250 Hz
<b>Crossover frequencies</b>	maximum 200 Hz
<b>Power handling</b>	1500 W nominal <sup>1)</sup> 3000 W programme <sup>2)</sup>
<b>Sensitivity 1 W / 1 m</b>	98 dB (42 Hz - 150 Hz)
<b>Max. SPL</b>	133 dB (SPL peak / 1 m / free field, equivalent 139 dB half room)
<b>Components</b>	2 x 15" long excursion chassis, double spider, 100 mm voice coil, internal and external ventilation, aluminum demodulation ring for lowest distortions
<b>Impedance (nominal)</b>	4 Ω, Zmin. 3.2 Ω
<b>Connectors</b>	2 x Speakon NL4MP (1+/1-)
Enclosure	
	Frame-reinforced enclosure out of 15 mm multiplex with highly resistant structured paint (PU) in black, 4 ergonomic butterfly handles, 4 integrated handles, K&M mounting plate M20 distance pole, 8 non-abrasive plastic sliders, stacking grooves for stacking identical enclosures and Line 212 as single units or clustered, 4 x 100 mm rear mounted transport castors 2 locking profiles for optional transport cover, ball-proof steel grille with exchangeable black acoustic foam
<b>Dimensions (W x H x D)</b>	481 x 1026 x 770 mm (incl. castors)
<b>Weight</b>	68.5 kg
<b>Options</b>	'barrier strip' instead of speakon connectors, 'without 100 mm castors' 'Suspension' with 6 flying tracks 'allsafe JUNGFALK' 'Outdoor Mobile', 'special finish in RAL colours'
<b>Accessories</b>	see Catalog or <a href="http://www.kling-freitag.de">www.kling-freitag.de</a>

All measured values without controller  
<sup>1)</sup> pink noise, 2 h    <sup>2)</sup> as <sup>1)</sup> but with 50% duty cycle



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.

