

SW 115E

- 1 x 15" high-performance subwoofer with high efficiency
- Frequency range down to 37 Hz (-10dB)
- Optional versions with switchable low-pass filter for passive mode ('XO') and more
- Stacking foot grooves for SW 115E stacks or combinations with SW 215E and Line 212
- High-tech 15" chassis with high linear excursion
- High achievable maximum SPL 127 dB (SPL peak / 1 m / free field)



The SW 115E is a versatile subwoofer and can be implemented when a powerful and sophisticated bass playback with high sound pressure levels is demanded. The SW 115E exhibits a convincing bass supplement for almost all passive K&F speakers and the models of the active K&F SP-Series.

Characteristics of the SW 115E include its exceedingly precise bass playback, superior bass performance, compact dimensions, and sensible equipment features which can be retrofitted with available options (i.e. the integrated low pass filter 'XO').

The enclosure of the SW 115E is equipped with stacking foot grooves and plastic feet which allow for simple stacking of several SW 115E as combinations with the SW 215E and the full-range system Line 212. Depending upon the application, the SW 115E with the SW 215E bass systems can now be ideally complemented with regard to power, design, and standing height in order to optimise the operating position for the Line 212 and other CA systems.

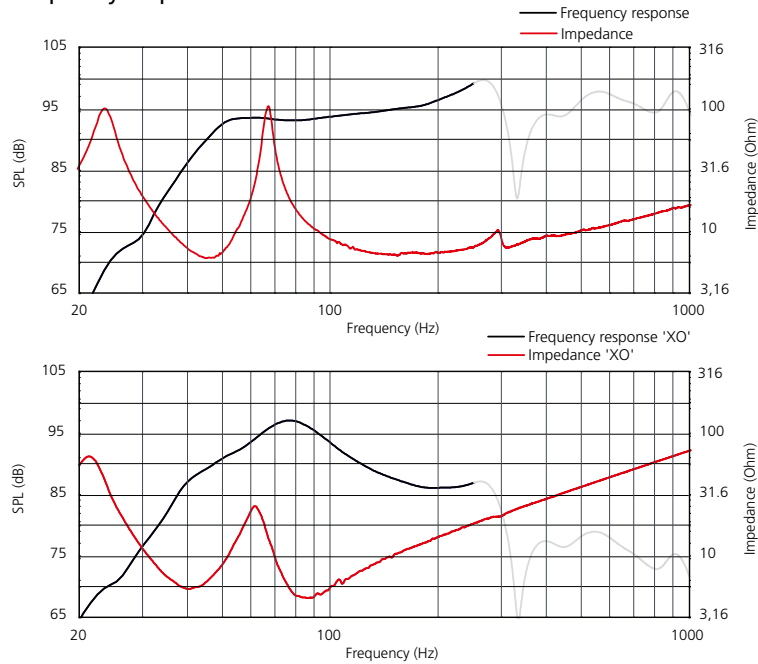
The SW 115E is equipped with a 15" state-of-the-art chassis which represents the current status of technical feasibility. Using maximal linear excursion and load capacity, it can exactly process even the highest peak pulses. An extremely stable and elaborate tunnel and enclosure construction minimise friction loss and distortion which may occur as a result of high air velocity. The exponential tunnel geometry of the SW 115E plays a significant role in the excellent performance while having very compact dimensions.

The SW 115E is a subwoofer system which ideally interlinks excellent bass playback, high maximum sound pressure, and a compact design. Optimally suited for applications at the highest level.

Speaker	
Design	Bass reflex system with exponential tunnel geometry
Frequency range -10 dB	37 Hz - 320 Hz
Frequency range ± 3 dB	43 Hz - 150 Hz
Power handling	750 W nominal ¹⁾ 1500 W programme ²⁾
Sensitivity 1 W / 1 m	95 dB (37 Hz - 320 Hz) ³⁾
Max. SPL	127 dB (SPL Peak / 1 m free field, equivalent 133 dB half room)
Components	15" long excursion chassis, double centred 100 mm voice coil, internal and external ventilation, Aluminium demodulation ring for minimal distortions
Impedance (nominal)	8 Ω , Zmin. 6,2 Ω (XO 'OFF' or without filter) 6 Ω , Zmin. 4.5 Ω (XO 'ON')
Connectors	2 x Speakon NL4MP (1+/1-)
Enclosure	
	15 mm frame reinforced Multiplex plywood with highly resistant black structured paint (PU), 2 ergonomic butterfly handles, K&M mounting plate M20 for distance rod, 4 non-abrasive plastic sliders, stacking foot grooves for stacks of identical enclosures or SW 215E as well as Line 212, 2 locking profiles for optional transport cover, ball-proof steel grille with exchangeable black acoustic foam
Dimensions (W x H x D)	470 x 515 x 640 mm
Weight	35 kg / 37 kg with option 'XO'
Options	'XO' with switchable low-pass filter, Cross-over frequency at 110 Hz, 'barrier strip' instead of speakon connector, 'Outdoor Mobile', 'Special finish in RAL colours'
Accessories	see catalogue or visit www.kling-freitag.de

¹⁾ Pink noise 40 – 400 Hz, 2 h; ²⁾ as ¹⁾ but with 50% duty cycle; ³⁾ 2.83 Vrms, free field

Frequency response 'on axis'



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.

