

SWi 115E

- 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
- 'i' – version for fixed installations
- High-tech 15" chassis with high linear excursion
- High achievable maximum SPL 127 dB (SPL peak / 1 m / free field)

The SWi 115E is a versatile subwoofer and can be implemented when a powerful and sophisticated bass playback with high sound pressure levels is demanded. The SWi 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 SWi 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 SWi 115E is equipped with twelve M12 threads which allow for a wide range of installation possibilities. Depending on the application, several systems can be easily combined.

The SWi 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 SWi 115E plays a significant role in the excellent performance while having very compact dimensions.

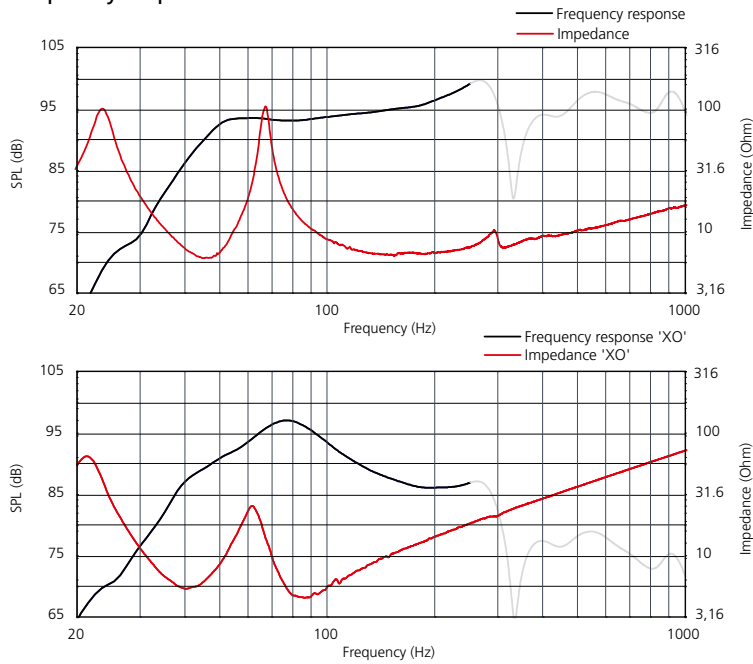
The SWi 115E is a subwoofer system which ideally interlinks excellent bass playback, high maximum sound pressure, and a compact design. Optimally suited for a multitude of fixed installations where the highest quality level is essential.



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+/-)
Enclosure	
	15 mm frame reinforced Multiplex plywood with highly resistant black structured paint (PU) ball-proof steel grille with exchangeable black acoustic foam
Rigging	12 x M12 thread inserts
Dimensions (W x H x D)	470 x 504 x 640 mm
Weight	35.3 kg / 37.3 kg with option 'XO'
Options	„XO“ switchable low-pass filter, crossover frequency at 110 Hz „barrier strip“ instead of speakon connector, „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.

