

- **Compact, high-power, front-loaded subwoofer**
- **Bassreflex enclosure**
- **Precise strong subbass reproduction down to 37 Hz (-10dB)**
- **Very high max SPL 133 dB (peak/1m)**
- **1200 W by two 15" long excursion transducers with 114 mm voice coils**

The SW215D is a flexible high-power subwoofer system, it produces a powerful subbass down to 37 Hz. The two frontloaded 15" transducers, which are specially designed for K&F, can handle more than 2000 W without noticeable compression effects. The subwoofer SW215D has an optimal vented bassreflex enclosure, each 15" speaker works in its own ported chamber. The rigid enclosure with internal wooden panels reduces distortion and gives good impulse response. As a useful side effect the voice coils are extra cooled by the airflow through the reflex ports.

The strong, dry sound and the high acoustical output make the SW215D very useful in live sound applications for rock and popmusic.

In combination with full-range systems e.g. Kling & Freitag CA-series, the SW215D will reproduce all the low frequencies below 100 Hz, giving more headroom and less intermodulation distortion for the combination, also the combination with the lower tuned SW118D (same size) can be very useful. By building up more systems together as line arrays, the low frequency dispersion can go down, even a directivity can be archived. The SW215D is easy to handle, 4 recessed steel bar handles and a M20 attachment for K&M distance rod make a fast set-up time possible for a high quality and compact sound system.

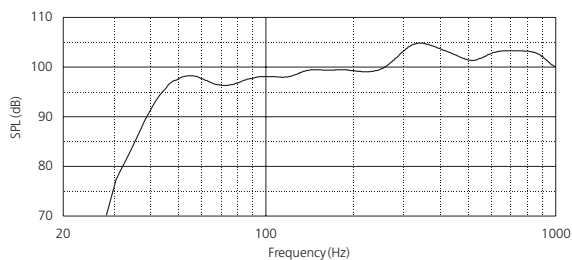
With the SW215D the most exacting user gets a compact and powerful subwoofer for very high sound pressure levels at low frequencies.



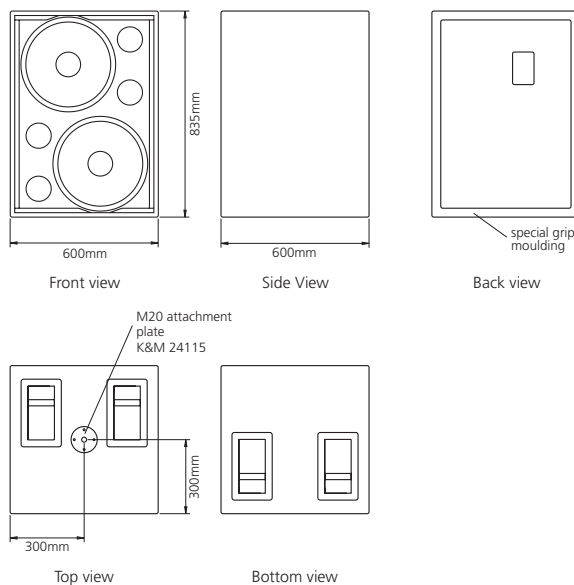
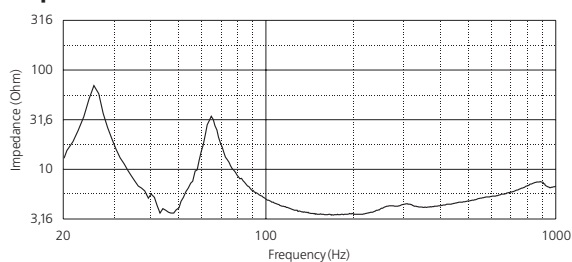
Design	Bassreflex system
Frequency response -10 dB	37 Hz - 1000 Hz
Frequency response ±3 dB	42 Hz - 250 Hz
Crossover frequency	max. 1000 Hz
Power handling	1200 Watt
Sensitivity 1 W/1 m	99 dB (42 Hz - 200 Hz)
Max SPL	133 dB (SPL peak/1 m)
Components	15" long excursion transducers (2), double-spider, 114 mm voice coil, inside and outside air-cooled
Impedance	4 Ω
Connectors	2 x Speakon NL4MP 1+/-1-
Additional descriptive data	18 mm birch plywood with scratch-proof polyurethane grey paint, 4 metal handles, special grip moulding, M20 attachment for K&M distance rod, black painted perforated steel grille with black acoustical foam
Dimensions	600 x 835 x 600 mm (W x H x D)
Weight	67 kg
Options	Swivel castors, painted in RAL colours

SW 215D

Frequency response "on axis"



Impedance



All measurements: Far field conditions. Frequency response 1/6 octave averaged. Kling & Freitag reserves the right to change all specifications without notice. We are not liable for misprints.

Architects' & engineers' specifications

High-power subwoofer loudspeaker system loaded with two 15" long excursion transducers in bassreflex enclosure. Inside and outside air-cooled 114 mm voice coil, compact enclosure, 18 mm birch plywood with scratch-proof polyurethane grey paint, 4 metal handles, black painted perforated steel grille with black acoustical foam, special grip moulding, M20 attachment for K&M distance rod.

Technical specifications:

Frequency response: 37 Hz - 1000 Hz (-10 dB), 42 Hz - 250 Hz (± 3 dB), Max SPL: 133 dB (SPL peak/ 1m), Sensitivity (1 W/1 m): 99 dB (42 Hz- 200 Hz), Power handling: 1200 W, Impedance: 4 Ω , Connectors: 2 x Speakon NL4MP, Size: (W x H x D) 600 x 835 x 600 mm exclusive castors, Weight: 67 kg, Options: swivel castors, painted in RAL colours.

Model: Kling & Freitag SW215D