

SW 112

- Compact 1 x 12" top class subwoofer, direct emitting, bass-reflex
- Designed for mobile use
- Low frequency range down to 41 Hz (-3 dB)
- High possible maximum sound pressure level 124 (130) dB Peak/ 1 m far field (half space)
- High load capable 12" chassis (1 kW Peak) with +/-14 mm max. excursion

Sound quality, performance and minimal dimensions make this subwoofer the ideal low range supplement for the K&F Full-Range Systems. Especially when simple use and minimal required space are crucial.

The model SW 112 has been optimised for mobile use (the versions SW/ 112 is the alternative available for fixed installations).

Thanks to its compact size and the optionally available rigging points, the SW 112 can be quickly, safely and inconspicuously 'architecturally' integrated and 'flown' in inserted ceilings or in aluminum truss. When laying down or standing up, the SW 112 requires very little space. An ergonomic handle, a countersunk M 20 fixing plate for a distance rod, stacking feet, and cavities are included in the basic version of the SW 112 and enable various possible fields of application.

The SW 112 is designed for universal use at the highest niveau. While achieving an impressive 41 Hz (-3 dB), the subwoofer also bears highest levels with a maximum of 130 dB (half space)! The exact and dynamic low range reproduction allow for use in auditoriums, media and conference rooms, as well as in small clubs, theatres, church and community halls.

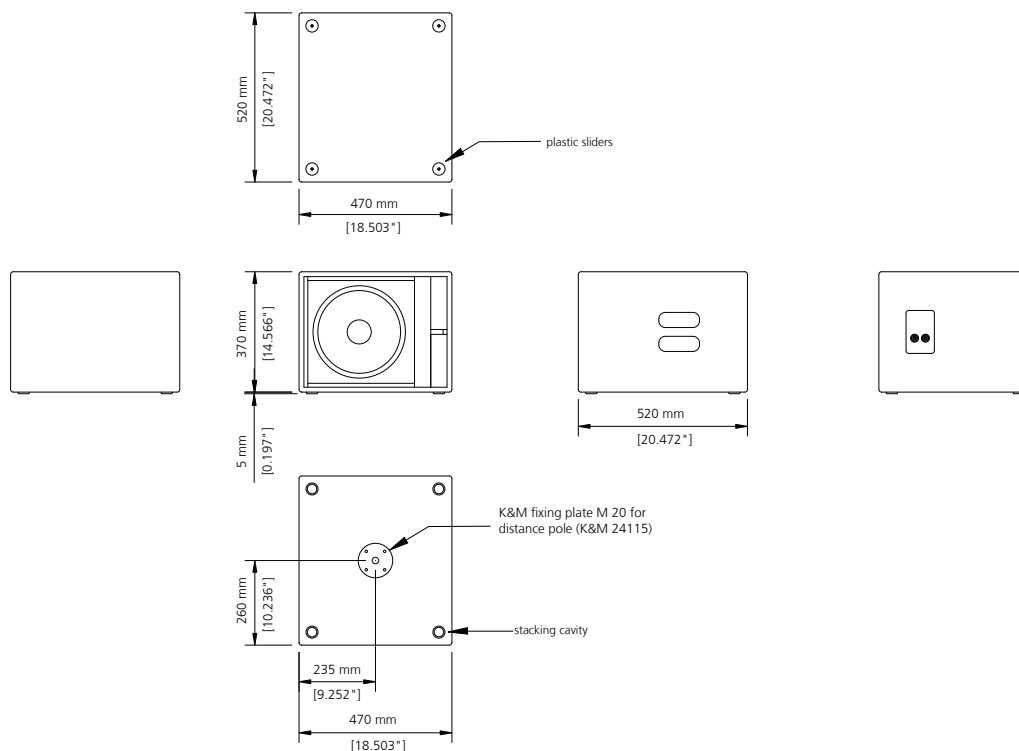
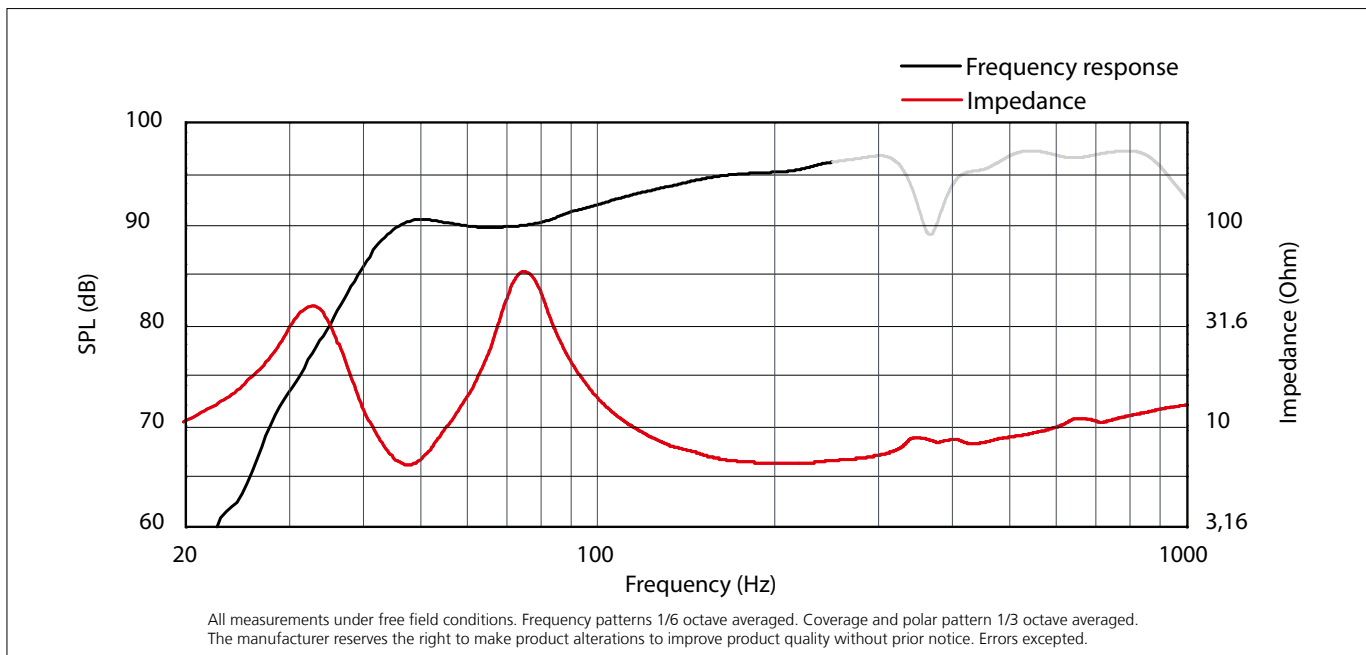
The SW 112 is equipped with a special developed 12" chassis with a 100 mm sandwich voice coil ventilated on all sides, as well as a '3-wave' surrounding. Up to 1 kW amplifier gain can be uncompromisingly processed with high linear excursion of the cone without losing power level from heating of the voice coil during continuous load (power compression). Compared to conventional bass-reflex constructions, the SW 112 is equipped with exponential tunnel geometry which avoids frictional loss and distortion from high air speeds

The SW 112 is a subwoofer system that offers an excellent low-range reproduction with a noteworthy sound pressure level and minimal dimensions. Ideal for all installations where high quality in a minimum space is crucial.



Loudspeaker	
Design	Bass-reflex system with exponential tunnel geometry
Frequency range -10 dB	35 Hz - 2.5 kHz
Frequency range ±3 dB	41 Hz - 350 Hz
Power handling	500 W nominal ¹⁾ 1000 W programme ²⁾
Sensitivity 1 W / 1 m	92 dB (45 Hz - 350 Hz)
Max. SPL	124 dB (SPL peak / 1 m / free field, equivalent 130 dB half room)
Components	12" long excursion chassis, 100 mm voice coil, internal and external ventilation
Impedance (nominal)	8 Ω, Zmin. 6 Ω
Connectors	2 x Speakon NL4MP (1+/1-)
Enclosure	
	Frame-reinforced enclosure out of 15 mm multiplex with highly resistant structured paint (PU) in black, 1 ergonomic handle, K&M mounting plate M20 distance pole, 4 non-abrasive plastic sliders, stacking grooves for stacking identical enclosures, ball-proof steel grille with exchangeable black acoustic foam
Dimensions (W x H x D)	470 x 370 x 520 mm
Weight	27 kg
Options	'Outdoor Mobile', 'special finish in RAL colours'
Accessories	see Catalog or www.kling-freitag.de

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



Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site www.kling-freitag.de

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