

SONA SUB

- Passive installation subwoofer 1 x 8", 8 Ohm
- Optimal bass complement for the K&F SONA range
- Top-design for integration in prestigious environments
- Very quick, simple and safe assembly
- Controlled by universal electronic frequency-separating filter (e.g. DSP) or by a K&F CD 44 or K&F TOPAS
- Option XO works without a controller or crossover powered directly on a two channel amplifier with SONA full-range speakers (high- and lowpass filter)



The subwoofer SONA SUB is the perfect bass complement for the SONA range. It's unobtrusive and compact appearance fits discreetly into every architecture. The SONA SUB may be visually hidden or intentionally be used as an element of interior design. The depth of only 17,5 cm allows to hang the subwoofer like a picture on the wall, or to fix it discreetly in ceilings. The SONA SUB is supplied in the standard colours black (RAL 9005) and white (RAL 9010). Optionally, special RAL colours are available.

The functional fastening points in the double key-hole design allow the horizontal or vertical mounting to walls and ceilings. The quick and precise mounting is ensured by the drilling template, included in the delivery. The front grille may be removed without tool, giving access to a boring in the bass reflex tunnel for the securing of the speaker against fall down and theft. The SONA SUB is connected by a Speakon NL4MPR or by a four-pole Phoenix connection. Connections are located in a large compartment on the back side, with enough space for cables, plugs and wall outlets, allowing a flush mounting with hidden cable access.

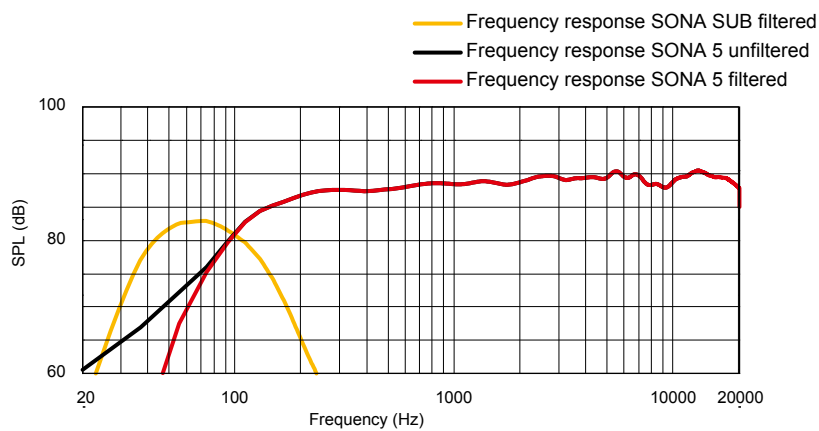
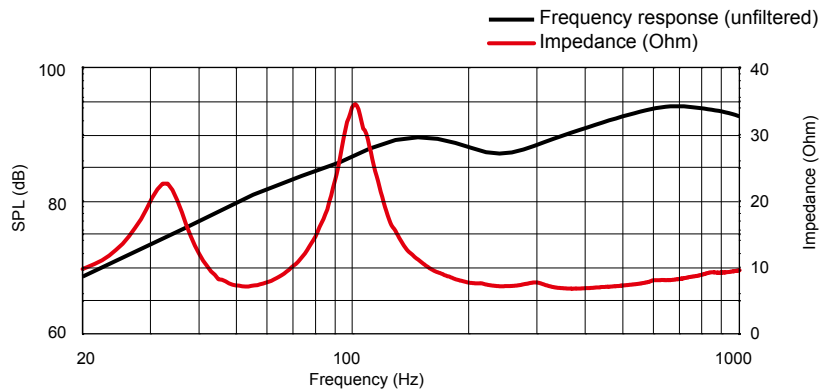
During the conception, the bass-reflex tunnel received a particular attention. The new construction of a T-tunnel provides the required length for the tuning of low frequencies, in spite of the compact dimensions. The SONA SUB does not impose its sound, but it is rounding off the sound experience in the lower frequencies, in a precise and musical way and free of artefact. This is why the SONA SUB, together with the speakers of the SONA range, provides a perfect sound for short-distance auditory

The SONA SUB may be controlled by universal electronic frequency-separating filters (e.g. DSP) or by the digital system controller K&F CD 44. The SONA SUB may be powered by any final amplifier with sufficient capacity.

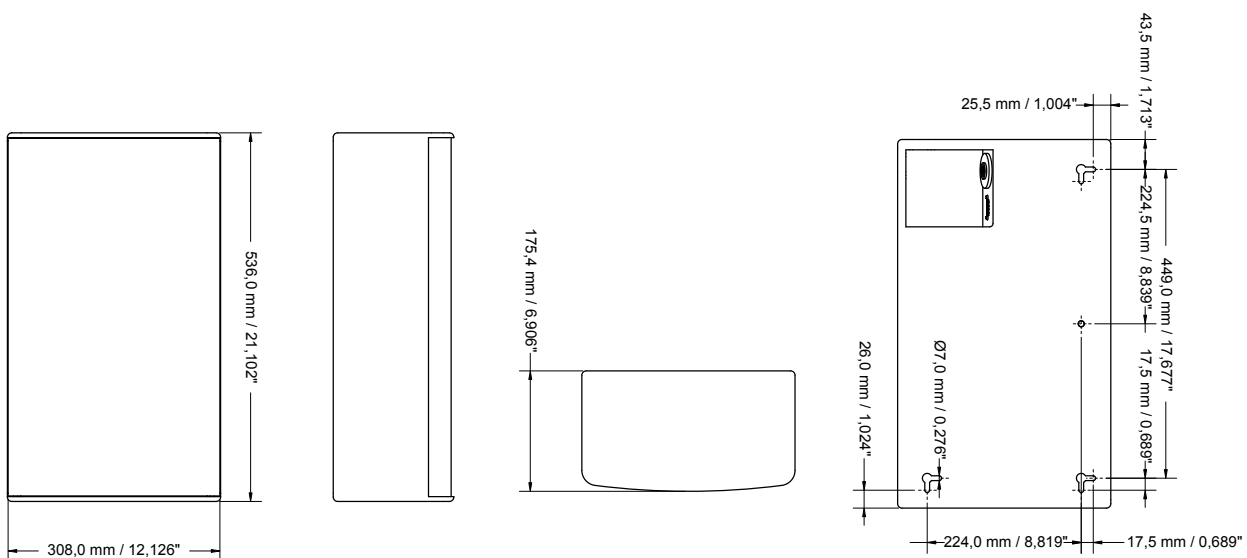
The quick and visually pleasing integration of the SONA SUB into architectural environments, combined with its convincing sound performance, are resulting in an economic, musical and professional solution which is satisfying even high visual and acoustic requirements.

Loudspeaker	
Design	Bass reflex system
Frequency range without Filter (+/-3 dB / -10 dB)	70 Hz - 400 Hz / 60 Hz - 450 Hz
Frequency range with Filter (-3 dB / -10 dB)	42 Hz / 32 Hz (half space) ¹⁾
Power handling	150 Watt nominal ²⁾ 300 Watt program ³⁾
SPL (1W / 1m)	89 dB SPL (half space) ¹⁾
Max. SPL (1m)	114 dB SPL (half space) ¹⁾
Components	8" woofer with 50 mm voice coil
Impedance (nominal)	8 Ω
Connectors	4-pin Phoenix connector and Speakon NL4MPR (parallel)
Enclosure	
	12 mm multiplex enclosure, structured paint in black or white, 3 mounting holes in double keyhole design, and a fixing hole for vertical and horizontal wall and ceiling mounting, perforated metal grille in enclosure colour that can be mounted and removed without tools.
Dimensions (W x H x D)	536 x 310 x 175,4 mm
Weight	7,5 kg
Colour	black (RAL 9005) white (RAL 9010)
Options	'XO' (crossover with high- and lowpass filter) 'special finish in RAL colours'

¹⁾ Half space corresponds to wall mounting; ²⁾ Pink noise 40 - 250 Hz, 2 h; ³⁾ is equivalent to ²⁾ but with 50% duty cycle



All measurements under free field conditions. Frequency patterns 1/6 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.



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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