

FO S218

Article number: (black) 1008004, (white/RAL*) 1008098

Deeper, louder, stronger. With its two 18" woofers with 3" voice coils, the FO S218 is the most powerful subwoofer in the series and offers the deepest frequency response. The ideal complement for the FO 12 and FO 15 in stereo, 2.1 or surround systems.

The subwoofer can be placed upright or on its side and offers a milled cable duct to the bottom, left and right for cable routing close to the wall. The front is protected by a full-surface grille, which is supported by solid reinforcements on the inside.

This makes the FO S218 suitable not only for use in sports venues (for which a ball-impact resistance certificate in line with DIN 18032-3 is provided), but also for "wild" club and concert environments.

Features:

- Particularly powerful subwoofer for modern music styles with flow-optimized bass reflex port
- Support for Lab.Gruppen IPX and LEA Professional with DSP Presets and other DSP platforms with Filter Sheets in open table format
- Extremely solid cabinet in acoustically beneficial MDF design and foam-backed grille with additional steel and plywood reinforcements
- Designed with 2 lockable Neutrik Speakon sockets
- Optimised for floor installation with practical cut-outs on the back to facilitate installation close to the wall and routing of the cable
- Full-surface and massively reinforced protective grille
- Simulation data for EASE and EASE FOCUS for predicting sound distribution and combination with other HK Audio mid/high units
- Certified ball-impact resistant in line with DIN 18032-3



Concept	Passive subwoofer
Cabinet principle	Bass reflex
Power handling RMS	2000 W
Power handling program	4000 W
Power handling peak	8000 W
Nominal impedance ¹⁾	4 ohms
Max. SPL average ²⁾	129 dB
Max. SPL peak ³⁾	133 dB
Sensitivity 1 W/1 m ⁴⁾	98 dB
Frequency range -6 dB	37 Hz - crossover frequency
Frequency range -10 dB	33 Hz - crossover frequency
Dispersion angle -6 dB	omnidirectional

Ball impact resistance (DIN 18032-3)	certified (MPA University Stuttgart)
IP protection class (EN 60529)	not specified

Low frequency	2x 18" Beyma cone speaker with ferrite magnet and 3" voice coil
Crossover	no internal crossover

Input	1 x NL4 Speakon
Output/parallel output	1 x NL4 Speakon
Pin assignment	2+/- (input/parallel output), 1+/- (wired through)

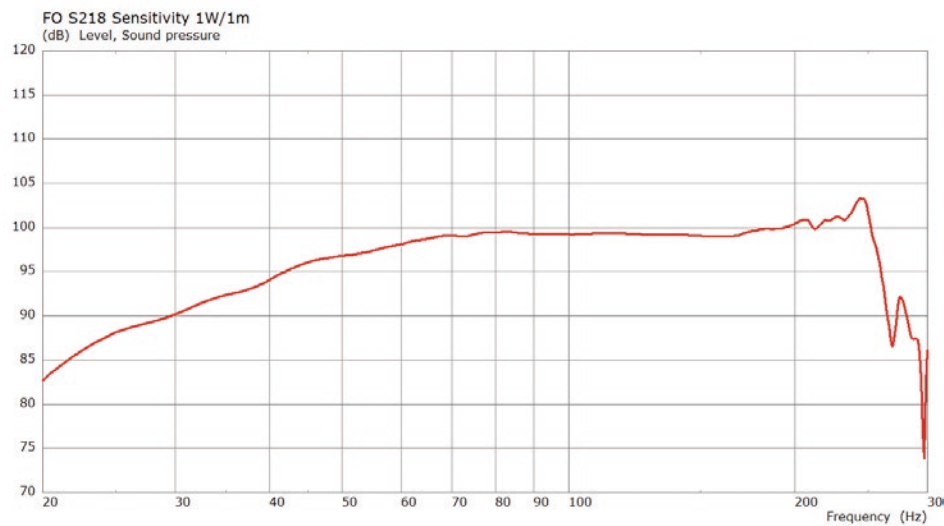
Lab.Gruppen	IPX
LEA Professional	Sharkware

Filter specifications in tabular form for frequency response equalization.	Biamp Tesira, BSS, Lab.gruppen, Lake, Linea Research, Marani, Powersoft, QSC Q-SYS, Symetrix
Without limiter specifications	

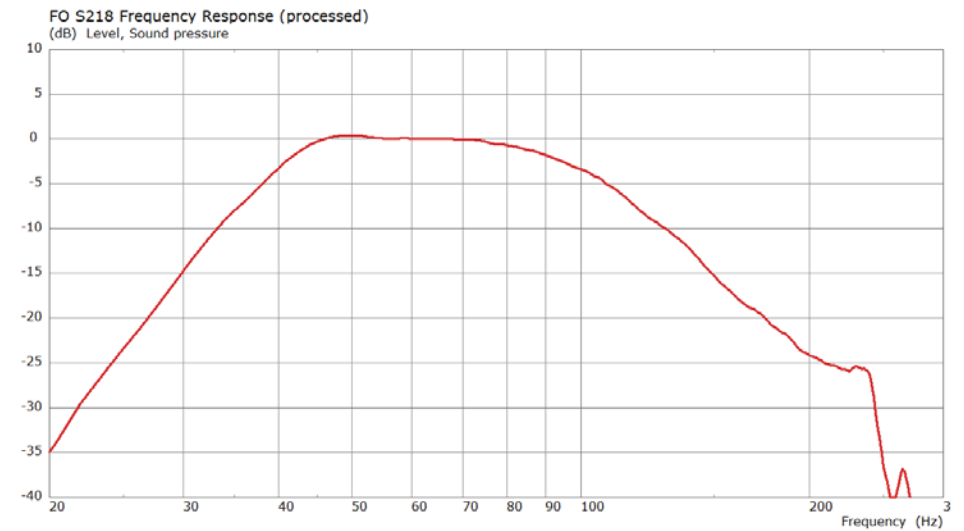
Cabinet material	MDF
Cabinet surface	1-component acrylic enamel
Color	Jet black (RAL 9005), signal white (RAL 9003) or special color according to catalog
Front grille	Steel front grille with anticorrosive coating, backed acoustic foam and additional steel reinforcements
Secondary grille	Insertion protection of the bass reflex port made of coated expanded metal
Cable routing	Cutouts on the back for cable routing close to a wall to the left, right or below
Feet	4 x rubber foot on bottom, 4 x rubber foot lateral
Dimensions (WxHxD)	1128 x 608 x 721 mm 44.41 x 23.94 x 28.39 inch
Weight	73.9 kg / 162.92 lbs

4) 33 Hz - 100 Hz, full space

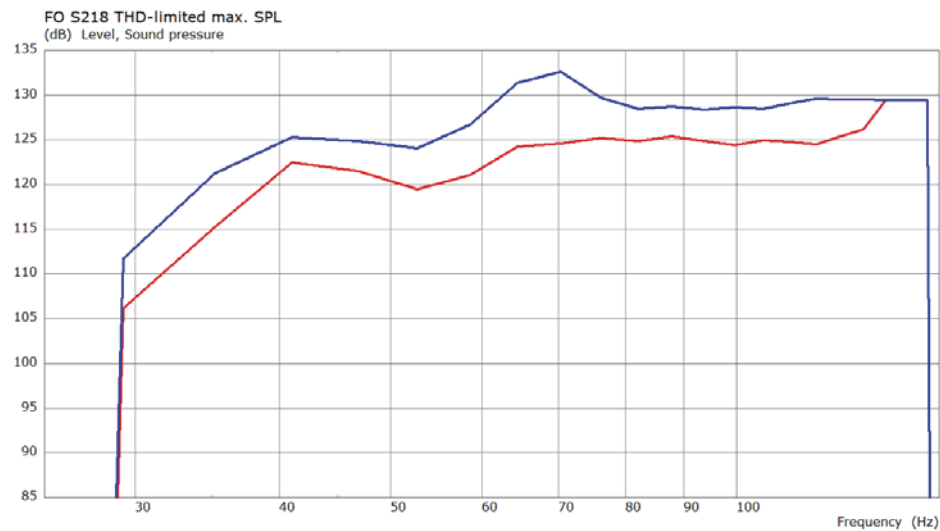




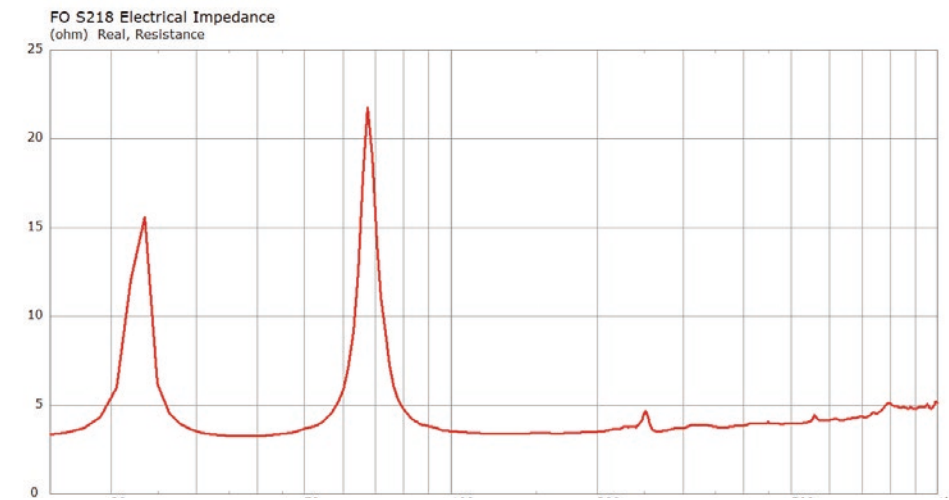
Frequency response, without DSP



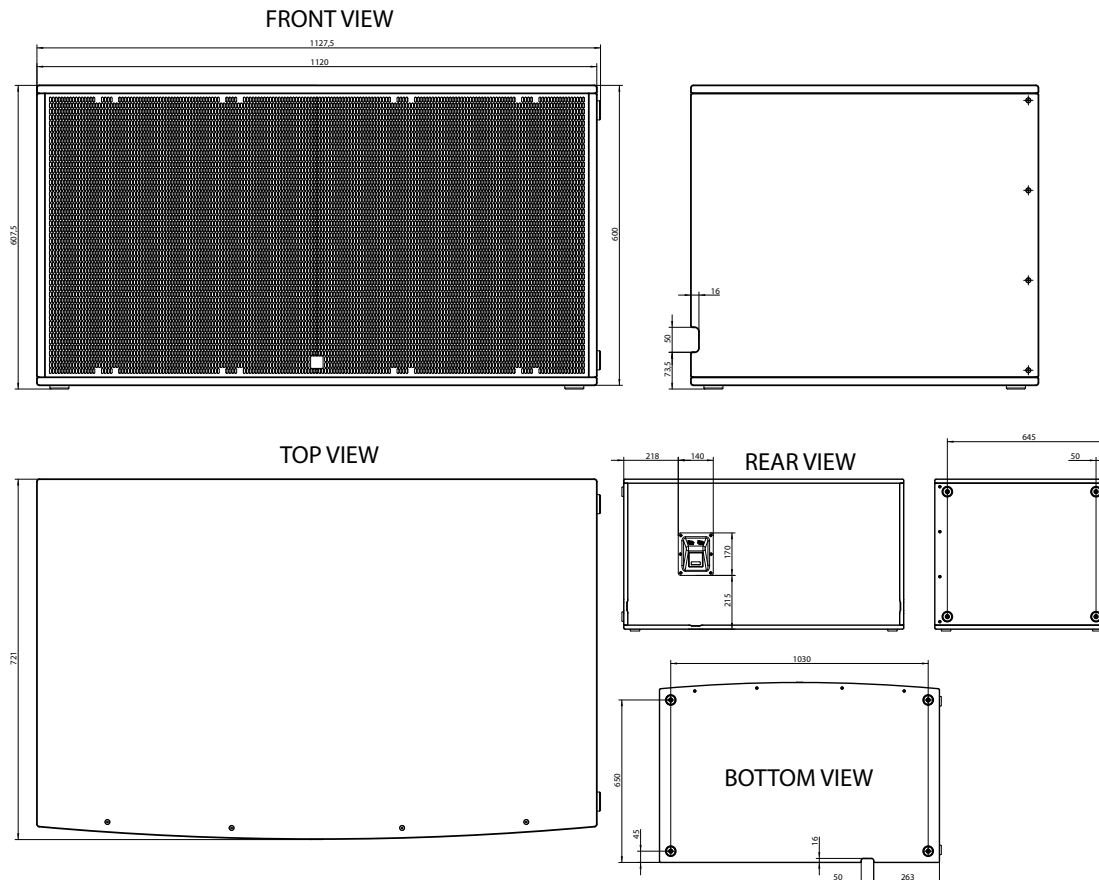
Frequency response with DSP preset



Max. SPL (red = 3 % THD, blue = 10 % THD)



Electrical impedance



HK Audio
Postfach 1509
66595 St. Wendel, Germany

info@hkaudio.com
fax +49-68 51-905 215
www.hkaudio.com
D-3283