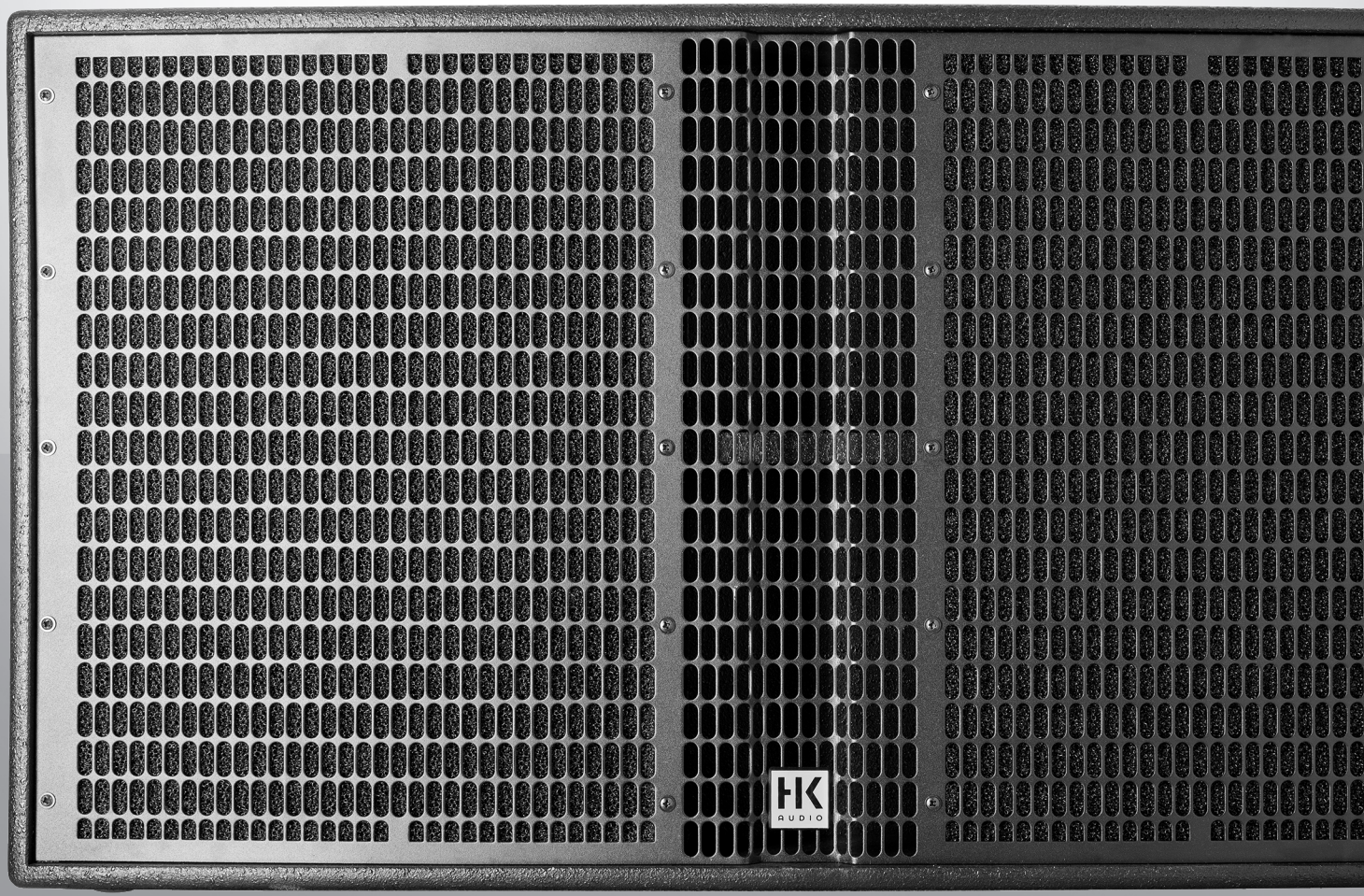
LINEAR SUB 4000 A

THE NEW PERFORMANCE CLASS ›

Powerful and Versatile

L SUB 4000 A is the flexible new 18" subwoofer from HK Audio. Compatible with all LINEAR 5 fullrange speakers and mid/high units, its powerful low end – ranging from 30 to 100 Hertz – is totally and powerfully impressive. L SUB 4000 A can also serve as a sub-low add-on to LINEAR SUB 2000 to beef up the bottom end in the range of 30 to 70 Hertz.



Innovative and Combinable

The chambers of this double-ventilated band-pass enclosure were tuned differently, and optimized for ultra-low signals and kick drums. L SUB 4000 A can be deployed flexibly as the sole subwoofer for a PA or as a sub-low extension unit.

HK Audio engineers tuned the L SUB 4000 A's band-pass enclosure and electronics to deliver phase-corrected response when paired with the L SUB 2000 A. This means the L SUB 4000 A can be added to a legacy system without requiring additional outboard controllers. The built-in preamp is stereo, so a single L SUB 4000 A may be deployed as a central sub-low bin for a stereo system.

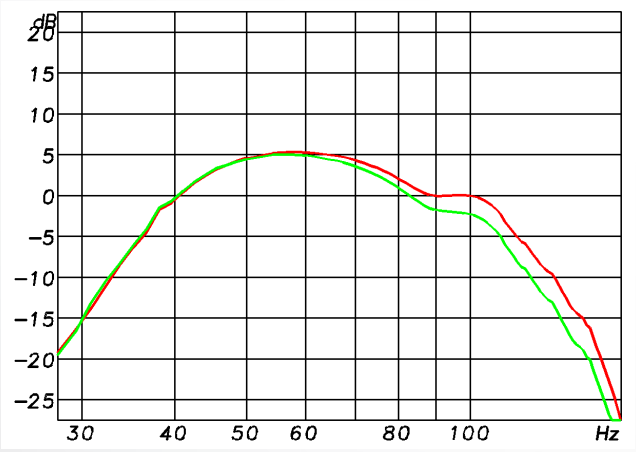
Dynamic and Faithful Response

Rugged high-tech courtesy of German engineering: HK Audio has decades of experience developing advanced sound reinforcement solutions, and the L SUB 4000 A has also benefitted from our engineers' unique skillset. This subwoofer delivers high maximum SPL paired with dynamic, deep-ranging response, and renders signal peaks with remarkable fidelity even when pushed very hard. Its robust wood housing is built to withstand the wear and tear of daily use.

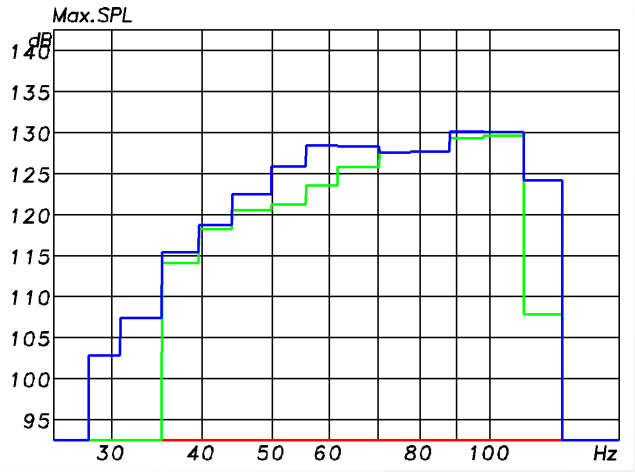
L SUB 4000 A is perfectly suited for professional gigs and installation in clubs. Under-voltage, thermal and over-current protection circuits and a peak limiter keep the electronic components safe from overloads to ensure this unit will keep delivering reliable performances for many, many tomorrows to come.

TECHNICAL DATA

Frequency response +/-3 dB	39 Hz – X-over
Frequency response -10 dB	31 Hz – X-over
Sensitivity 1W/1m	99 dB full space, 105 dB half space
Max. SPL @ 10% THD	135 dB half space
Max. SPL Peak @ 10% THD	137 dB half space
Max. SPL Calc.	138 dB half space
Amplifier/Type	Class D
Power Rating	1200 W
Subwoofer Amplifier	1200 W @ 4 ohms
Amplifier Active Protection Circuits	Undervoltage Protection, Thermoprotection, Short Circuit Protection, Overcurrent Protection
Loudspeaker Protection	Subsonic 24 dB/oct., Peak Limiter
Power Consumption	3.3 A/230 V (Power Consumption Relating to EN60065 Directive)
Input Sensitivity	+4 dBu @ Gain Centerclick
Connections	2x XLR In, 2x XLR Thru, 2x XLR Mid/High Out
Power Supply	1x IEC Power Connector with V-Lock Protection System
Low Frequency Speaker	1x 18" (4 ohms) with 4" Voice Coil featuring Advanced-Ventilated Voice Coil Gap
X-over Frequency	70/100 Hz variable with 24 dB/oct.
Pole Mount	2x M20
Handles	8, Integrated
Optional Accessories	Protective Covers, Mounting Hardware for Casters, Tilt Unit
Housing	Birch Multiplex 15/18 mm, 9/13 ply
Grille	2 mm Metal Grille
Finish	Acrylic Enamel, Black
Dimensions (WxHxD)	90.8 x 50.8 x 80.7 cm/35¾ x 20 x 31$^{25}/_{32}$"
Weight	59 kg/130.1 lbs



L SUB 4000 A – frequency response sub/sub-low



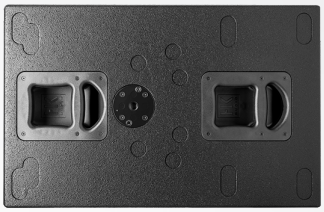
L SUB 4000 A – max SPL 3% & 10% THD full space



Rear view



Top view



Side view

EXAMPLE SYSTEMS



2x L5 LTS A
4x L SUB 2000 A
2x L SUB 4000 A



2x L5 LTS A
4x L SUB 4000 A
2x Crank-up Speaker Extension Pole



4x L5 LTS A
6x L SUB 4000 A

L SUB 4000 A is compatible with all existing LINEAR 5 series components. The strengths of this incredibly powerful bass unit become particularly apparent when it is used in combination with the new LINEAR 5 LTS A, and/or as a sub-low add-on to LINEAR SUB 2000. With the L SUB 4000 A, it is clear to see that the LINEAR 5 series' new performance class has no limits–even in the low-end frequency range.