

LINEAR 5 MK II 118 Sub HPA

THE COMPACT LONG THROW SYSTEM

Bass reflex subwoofer made of birch multiplex with more sound pressure in the low-end range

Part number 1008006

As the most powerful subwoofer in the LINEAR 5 MK II series, the Sub HPA with its rigid, high-performance 18-inch woofer and its powerful amplifier offers significantly more energy in the low-end range than any other subwoofer in the series.

This allows for a particularly precise and powerful bass reproduction with extremely compact dimensions. It is therefore not only a suitable basis for the LINEAR 5 MK II 308 LTA mid/high unit, but also a powerful low-end extension for other LINEAR 5 MK II systems.

The high-performance DSP can be controlled remotely via network and allows extensive processing options and precise sound tuning with the free HK Audio DSP CONTROL software. Cardioid presets can be selected directly at the loudspeaker, allowing 1:1 and 2:1 cardioid setups in no time at all.

PowerCon connections with PowerCon Link simplify cabling and save cable material.

Features

- Powerful subwoofer with intense bass reproduction in a very compact size.
- Advanced high-performance DSP and built-in cardioid presets selectable directly at the speaker
- Precise and comprehensive sound tuning with HK Audio DSP CONTROL software for Mac and PC
- DSP-Out for integration of non-DSP speakers. Also for combination with LINEAR models.
- SMART CONNECTION with PowerCon and EtherCon, each with link
- Protection of the electronics with RCS Rain Cover Set included in the scope of delivery
- Robust, moisture-resistant and durable birch multiplex cabinet
- Made in St. Wendel, Germany



LINEAR 5 MK II 118 Sub HPA

Technical data

LINEAR 5 MK II Sub HPA	
Max. SPL @ 10 % THD	130 dB half space (36 Hz - 100 Hz averaged)
Max. SPL peak @ 10 % THD	131 dB half space
Frequency response +/-3 dB	36 Hz - X-over
Frequency response -10 dB	33 Hz - X-over
Power amp output (rms/peak)	1,500 / 3,000 W
Amp type	Class D
LF driver	1x 18", 4" voice coil
Low-/mid speaker	-
Maximum input level	+20 dBu
Analog inputs	2x XLR combo balanced
Analog thru	2x XLR balanced
DSP Out	1x XLR balanced
Network port	Ethercon RJ45, 1x In, 1x Thru
Filter presets	Front, Cardioid 1:1 vertical, Cardioid 2:1 vertical, Remote
Remote software	DSP CONTROL (Windows, Mac OS)
DSP functions	Fully parametric 10-band EQ with variable filter characteristics, Low-Pass Filter, Polarity, Level, Delay, Limiter, Mute
Sample rate	48 kHz
System latency	<= 2.6 ms
Mains connector	1x Powercon NAC3 In, 1x Powercon NAC3 Thru, 100-240 V
Power consumption	2.5 A / 100-240 V nominal according to EN 62368-1
Angels up (Monitor angle)	-
Pole mount	1x M20
Rigging points	-
Carrying handles	4x HK Audio MultiGrip
Housing	Birch multiplex
Finish	Black acrylic enamel
Front grille	2 mm metal grille backed with black acoustic foam
Dimensions (WxHxD)	60 x 60.8 x 79 cm 23-5/8 x 23-15/16 x 31-7/64"
Weight	56.8 kg / 125.22 lbs



LINEAR 5 MK II 118 Sub HPA



Accessories



DFP double flange plate

Part number 1007530

The double flange plate is recommended when a cluster is to be stacked on a LINEAR 5 MK II 118 Sub HPA with mounting poles. This allows the cluster to be easily adjusted to the desired height with two mounting poles and aligned accordingly.

The double flange plate is attached to the flange of the LINEAR 5 MK II 118 Sub HPA with an M20 screw. It has two M20 mounts for two mounting poles or two Tilt-Units, for example. The correct angle of the horizontal cluster (approximately 30° opening angle or approximately 24 cm distance of the side wall at the front) is achieved by screwing the back of the 308 LTA onto the mounting poles or Tilt-Units. In addition, the DFP can be rotated on the subwoofer to align the cluster accordingly. Supplied: 2 pcs



Rollers for roller mounting

Part number braked roller 100806, Part number unbraked rollers 1008069

Suitable rollers for mounting on HK Audio subwoofers, ready for roller mounting. Available in braked and unbraked versions.



Protective Cover LINEAR 5 MK II 118 Sub HPA

Part number 1008180

Padded protective transport cover to be used in conjunction with roller mounting. Simply tilt the subwoofer backwards and slip the protective cover over the top of it. This leaves the side with the electronics and any mounted rollers free.



CS-WB1 Wheelboard

Part number 1007700

The CS-WB 1 wheelboard has a corresponding mount for the LINEAR 5 MK II 118 Sub HPA and the CS 118. Either one or two subwoofers can be transported and fastened on it. It comes with a tensioning strap for secure fixing. If two subwoofers are stacked, the CS-WB 1 cover can be used for protection during transport. If 118 Sub HPAs are used, the protective cover must be removed while playing. If CS 118s are used, the protective cover does not need to be removed while playing.



CS-WB1 Cover

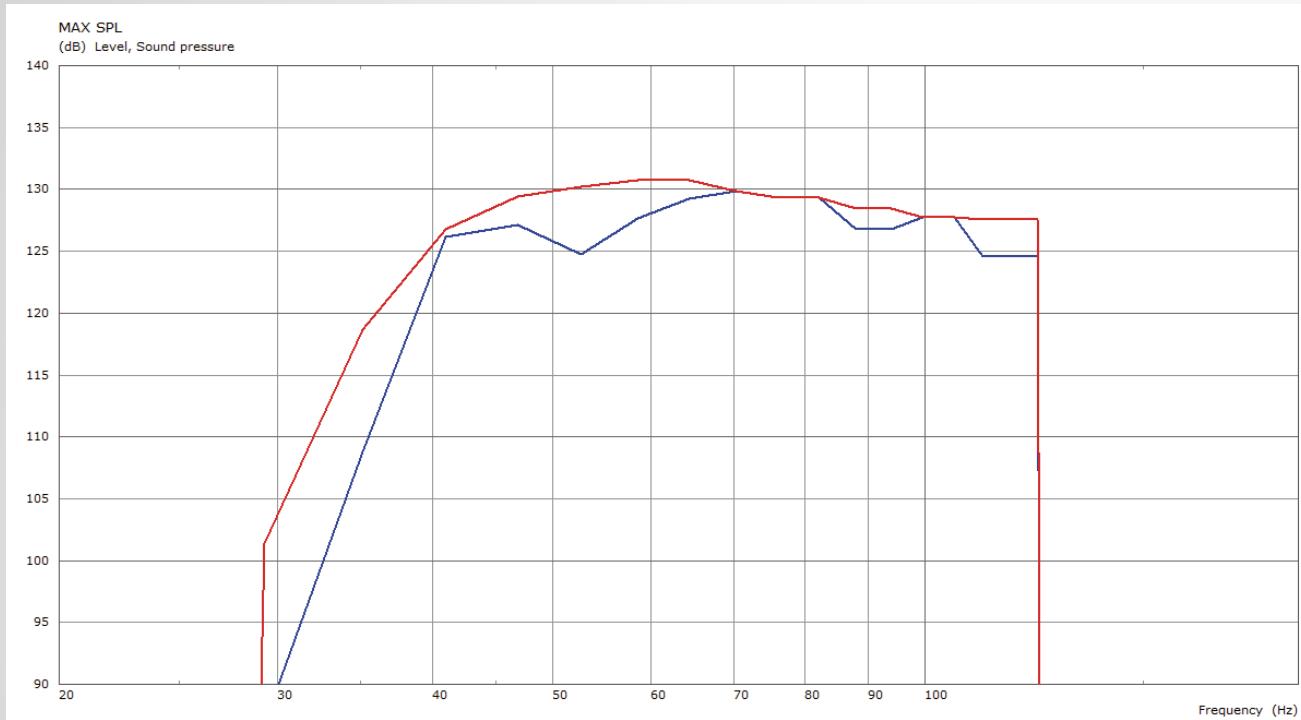
Part number 007702

This practical protective cover protects when transporting a 2-stack of the 118 Sub HPA in conjunction with the CS-WB 1 rolling board. Not usable with only one subwoofer. The cover must be removed during operation.

LINEAR 5 MK II 118 Sub HPA



Measurement data

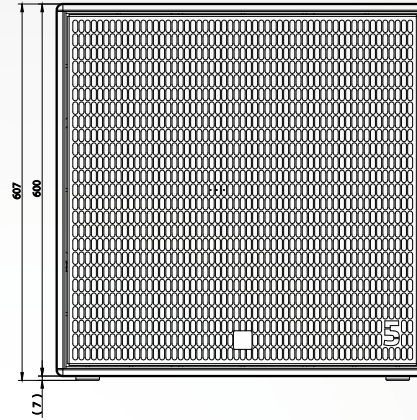


Max. SPL
(blue= 3% THD, red= 10% THD)

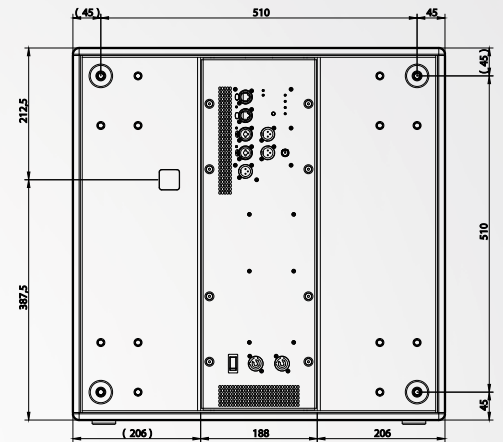
LINEAR 5 MK II 118 Sub HPA



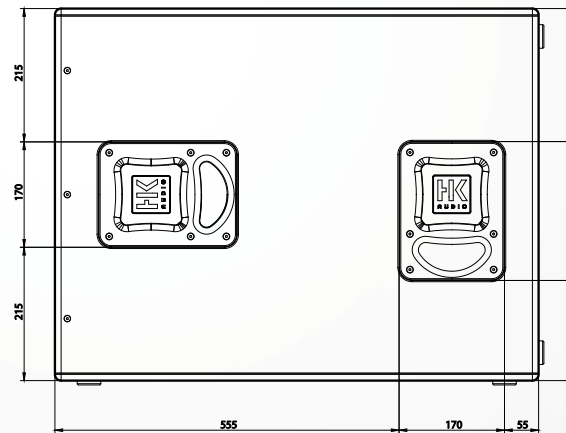
FRONT VIEW



REAR VIEW



SIDE VIEW



TOP VIEW

