

# LINEAR 9 118 Sub BA

## THE SCALABLE LONG THROW LINE

### Active subwoofer

Part number: 1007884

The LINEAR 9 118 Sub BA is a powerful 18" dual vented bandpass subwoofer. The generous size of the cabinet allows for an exceptionally high sound pressure level with a low cut-off frequency at the same time. The LINEAR 9 118 Sub BA is compatible with all LINEAR 9 Mid/High models.

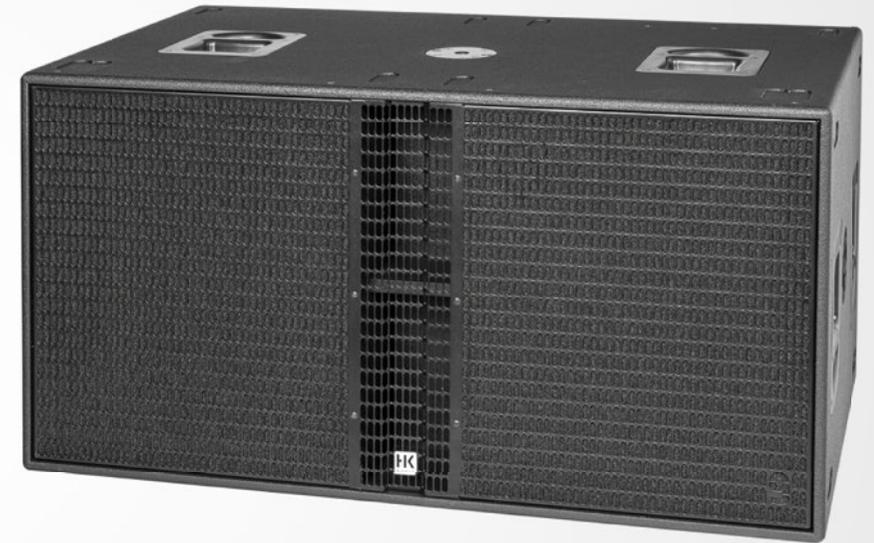
What's more, it meets all the requirements for quickly and easily implementing effective cardioid setups, both mechanically and with the available filter sets. Thanks to its stereo preamplifier, it is also ideal for use in 2.1 systems.

Four DSP presets can be selected directly on the subwoofer without a PC connected. In addition to three standards (Front, Cardioid 1:1 and Cardioid 2:1), a fourth user-designed preset can also be accessed.

The robust birch multiplex enclosure with resistant PU coating protects the LINEAR 9 118 Sub BA not only from wind and the elements but also during transport from the storage to the venue and back again. All LINEAR 9 models are manufactured in Germany.

### Features

- Active dual vented bandpass subwoofer with network control
- 1 x 18-inch bass speaker with 4-inch voice coil
- DSP platform with fully parametric 10-band EQ, delay and limiting for uncompromised individual adjustment
- Modern network technology for precise control of all DSP features
- Additional DSP-Out with the full range of features for integration of non-network-compatible loudspeakers
- Direct access to easily selectable presets on the subwoofer for Cardioid 1:1 and Cardioid 2:1
- High-resolution AD/DA converters with 96 kHz and low latency of less than 2.6ms
- 2x M20 tripod thread for mounting mid/high units via tripod
- Professional, lockable PowerCon and EtherCon connections
- Sturdy enclosure made of birch multiplex with PU coating
- Made in Germany



# LINEAR 9 118 Sub BA



## Technical data

### LINEAR 9 118 Sub BA

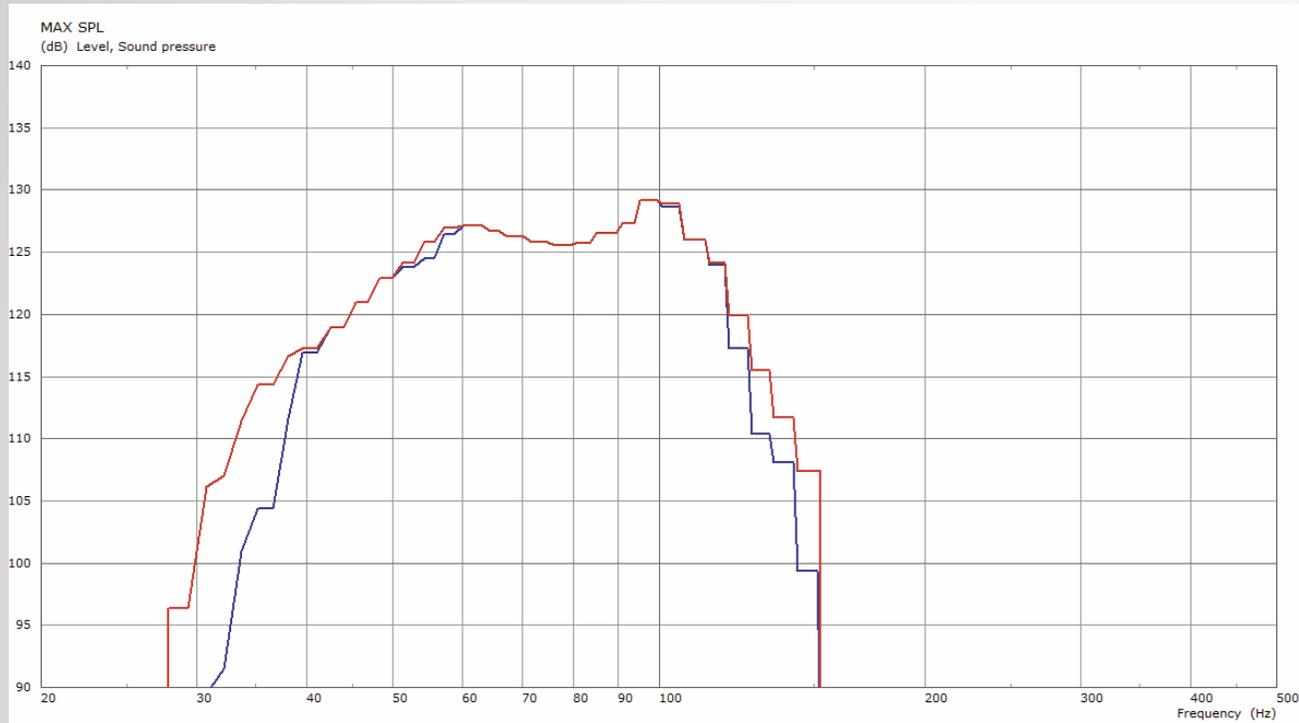
Max. SPL @ 10 % THD	134 dB half space (40 Hz – 110 Hz averaged)
Max. SPL Peak @ 10 % THD	136 dB Halfspace
Frequency response +/-3 dB	38 Hz – X-Over
Frequency response -10 dB	31 Hz – X-Over
Power amp output (RMS)	1.100 W
Amp type	Class D
LF driver	1x 18", 4" voice coil
Maximum input level	+20 dBu
Analog 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, Cardioid 2:1, Remote
Remote-software	DSP CONTROL (Windows, macOS)
DSP functions	Fully parametric 10-band EQ with variable filter characteristics, Low-Pass Filter, Polarity, Level, Delay, Limiter, Mute
Sample rate	96 kHz
System latency	Less than 2.6 ms
Mains connector	1x Powercon NAC3 In, 1x Powercon NAC3 Thru, 100-240 V
Power consumption	1.9 A / 100-240 V nominal according to EN 62368-1
Pole mount	2x M20
Carrying handles	8x MultiGrip
Housing	Birch multiplex
Finish	PU coating black
Front grille	2 mm metal grille backed with black acoustic foam
Dimensions (WxDxH)	111 x 56 x 69 cm 43-9/32 x 22-3/64 x 27-11/64"
Weight	63,5 kg / 139,9 lbs



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

## Accessories

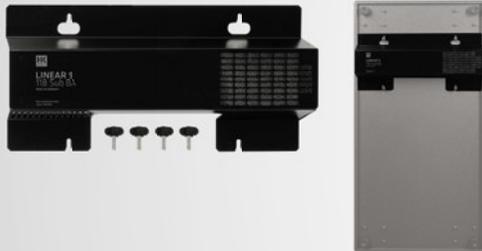


### Rear Protection Plate LINEAR 9 118 Sub A

Part number: 1007996

The Rear Protection Plate, which is made of sturdy sheet metal, not only protects the electronics of the LINEAR 9 118 Sub A from splash water, but also from unauthorised access in Cardioid mode. Thanks to the keyholes, the wing screws only need to be loosened slightly to remove the plate.

The slanted surface serves as a runoff surface in case of rain, whilst the grille required for ventilation of the electronics is backed with acoustic foam, effectively protecting connections and controls. The acoustic foam also darkens the LEDs, which is helpful in Cardioid operation on dark stages, but still allows the status of the LEDs to be seen.



### Rear Protection Plate LINEAR 9 118 Sub BA

Part number: 1007905

The Rear Protection Plate, which is made of sturdy sheet metal, not only protects the electronics of the LINEAR 9 118 Sub BA from splash water, but also from unauthorised access in Cardioid mode. Thanks to the keyholes, the wing screws only need to be loosened slightly to remove the plate.

The slanted surface serves as a runoff surface in case of rain, whilst the grille required for ventilation of the electronics is backed with acoustic foam, effectively protecting connections and controls. The acoustic foam also darkens the LEDs, which is helpful in Cardioid operation on dark stages, but still allows the status of the LEDs to be seen.

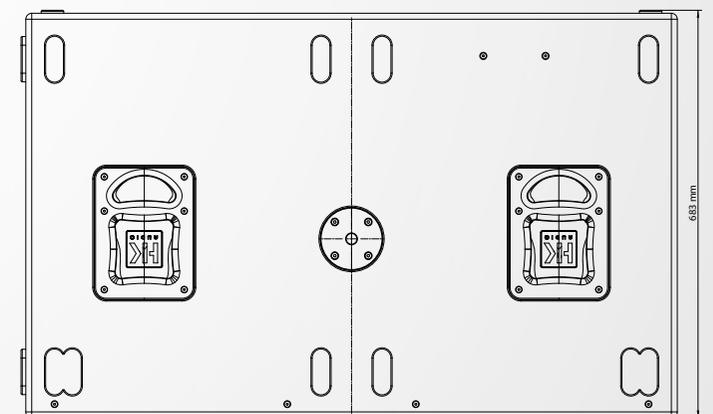
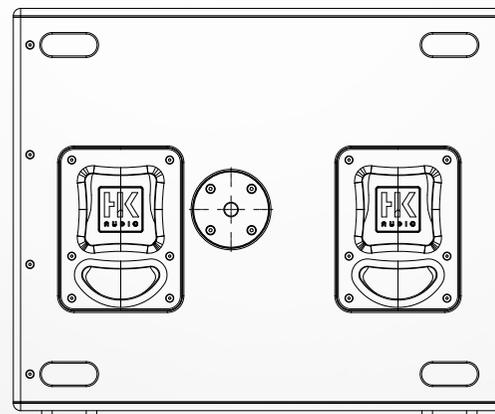
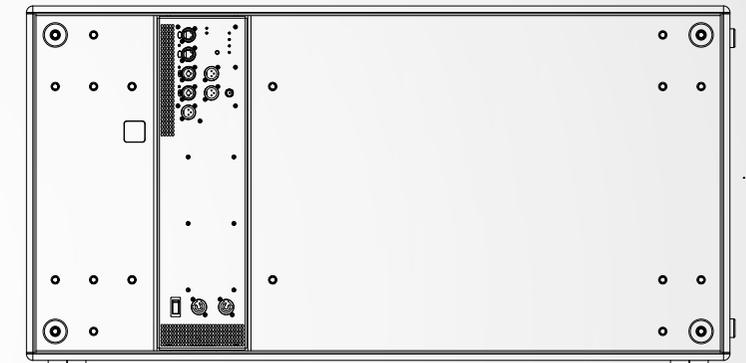
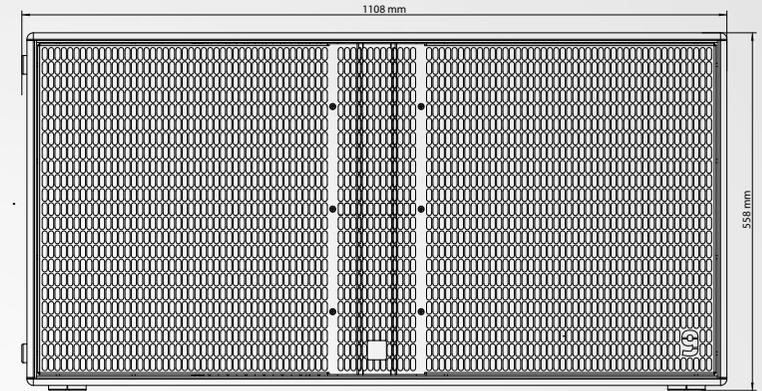
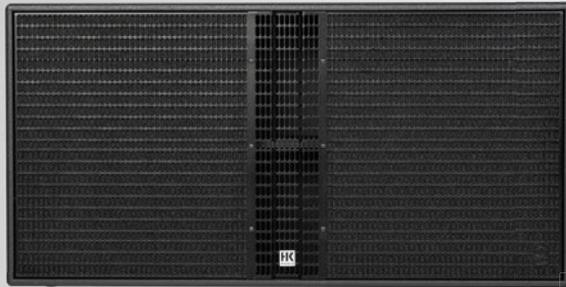


### Protection Cover LINEAR 9 118 Sub BA

Part number: 1007992

The Protection Cover LINEAR 9 118 Sub BA is a padded transport protection cover. Thanks to the convenient handle recesses, the protective cover can remain on the box permanently during installation and dismantling.

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Simulation and CAD files, tender specifications, certificates and much more can be found at [www.pro.hkaudio.com](http://www.pro.hkaudio.com)

HK Audio  
Postfach 1509 • 66595 St. Wendel, Germany  
[info@hkaudio.com](mailto:info@hkaudio.com) • [www.hkaudio.com](http://www.hkaudio.com) • fax +49-68 51-905 215

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