

LINEAR 9 112 XA

THE SCALABLE LONG THROW LINE

Active multifunctional speaker

Part number: 1007855

The LINEAR 9 112 XA is an active multifunctional speaker with a rotatable horn with dispersion of 70° x 50°, optimised for medium sound coverage depths. The multifunctional housing combined with the practical features enhances the range of applications. This ensures that the LINEAR 9 112 XA can be used not only as a stage monitor, but also as a front, side or near-fill addition.

The heart of the LINEAR 9 112 XA is the integrated DSP, which can be controlled via the HK Audio DSP CONTROL software. The software offers the user numerous options for on-site system equalization and adjustment, such as a fully parametric 10-band EQ or group functions.

Four DSP presets can be selected directly on the speaker without a PC connected. In addition to three standard presets (Flat, Monitor and Low Cut), a fourth user-designed preset can also be recalled.

The robust birch multiplex enclosure with resistant PU coating protects the LINEAR 9 112 XA 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.

Eigenschaften

- Active multifunctional loudspeaker with network control
- 1 x 12-inch bass-midrange driver with 2.5-inch voice coil
- 1 x 1-inch compression driver with 1.7-inch voice coil
- Rotatable CD horn, 70° x 50° (horizontal x vertical)
- 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 speaker for use as a monitor or system speaker
- High-resolution AD/DA converters with 96 kHz, FIR filtering and low latency of less than 2.6ms
- Multi-purpose housing for use as a FoH or monitor speaker thanks to 30° housing angle
- DuoTilt for 3° or 7° tilt for tripod mounting
- User friendly rigging and mounting options
- Professional, lockable PowerCon and EtherCon connections
- Sturdy enclosure made of birch multiplex with PU coating
- Made in Germany



LINEAR 9 112 XA



Technical data

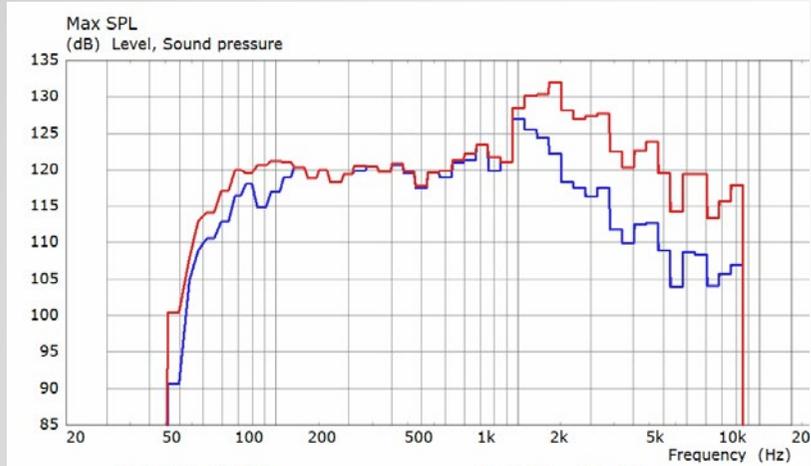
LINEAR 9 112 XA

Max. SPL @ 10 % THD	128 dB half space (70 Hz – 12 kHz averaged)
Max. SPL Peak @ 10 % THD	131 dB half space
Frequency response +/-3 dB	67 Hz – 19 kHz
Frequency response -10 dB	62 Hz – 20 kHz
Power amp output (RMS)	700 W
Amp type	Class D - biamped
Low-/mid speaker	1x 12", 2.5" voice coil
HF driver	1", 1.7" voice coil
Horn directivity	70° x 50° CD horn, rotatable
Active crossover frequency	1.6 kHz FIR X-over with 60 dB/oct.
Maximum input level	+20 dBu
Analog inputs	1x XLR combo balanced
Analog thru	1x XLR balanced
DSP Out	1x XLR balanced
Network port	Ethercon RJ45, 1x In, 1x Thru
Filter presets	Flat, Monitor, Low Cut, Remote
Remote-Software	DSP CONTROL (Windows, macOS)
DSP functions	Fully parametric 10-band EQ with variable filter characteristics, High-Pass Filter, 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 A / 100-240 V nominal according to EN 62368-1
Angles up (Monitor angle)	30°
Pole mount	DuoTilt 3°/7°
Rigging points	5x M8 (AP-8)
Carrying handles	1x SingleGrip, 1x MultiGrip
Housing	Birch multiplex
Finish	PU coating black
Front grille	2 mm metal grille backed with black acoustic foam
Dimensions (WxHxD)	37 x 67 x 31 cm 14-9/16 x 26-3/8 x 12-13/64"
Weight	20,5 kg / 45,2 lbs

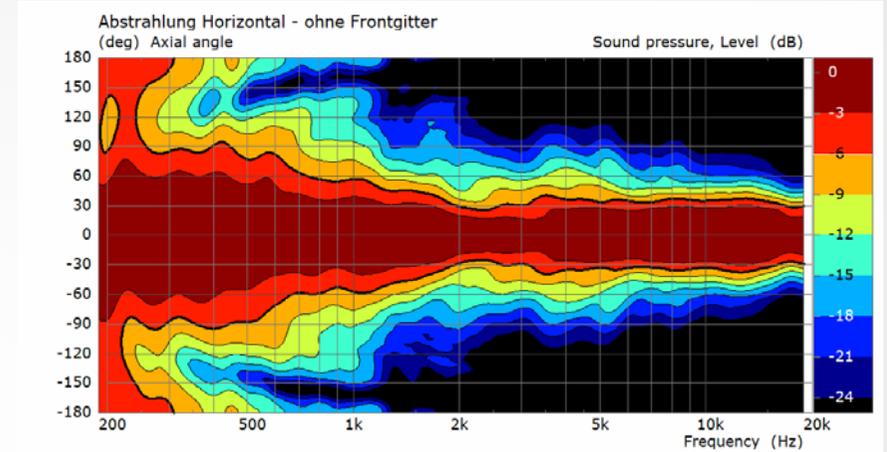


LINEAR 9 112 XA

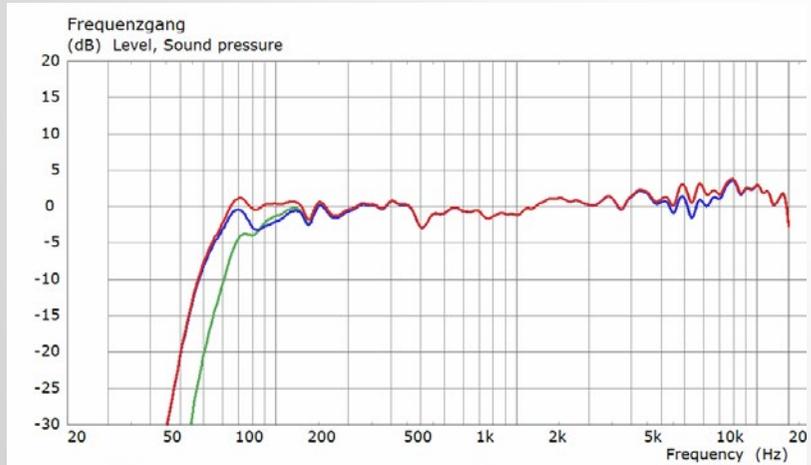
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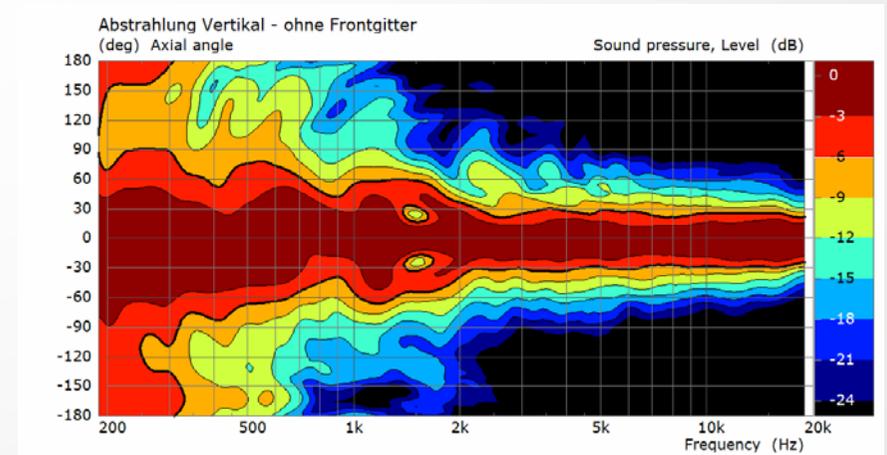
Max. SPL
(blue= 3% THD, red= 10% THD)



Horizontal directivity



Frequency response
(blue= Monitor, red= Flat, green= Lowcut)



Vertical directivity

Accessories



TB-28N

Part number: 1007780

The TB-28N is a tilt bracket for mounting speaker cabinets on truss rods, ceilings, wall brackets, beams and on tripods. It is compatible with the XA models of the LINEAR 7 and LINEAR 9 series. Flexible vertical and horizontal alignment is possible.



Tilt-Unit

Part number: 1007538

For mounting directly on the subwoofer. This means that the DuoTilt can also be used at tilt angles of both -3° and -7° in a stack setup, and the Tilt-Unit prevents the mid/high units from slipping.



AP-8

Part number: 1007376

With a load capacity of up to 360 kg (WLL), the attachment point allows for the safe installation of the XA models on steel cables or chains.



Protection Cover LINEAR 9 112 XA

Part number: 1007989

The Protection Cover LINEAR 9 112 XA 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.



Weather Protective Cover for LINEAR 9 112 XA

Part number: 1007995

The Weather Protection Cover LINEAR 9 112 XA is a padded rain cover for protection during transport and operation with a rollable, splash-proof and sound-permeable gauze. Thanks to the practical handle recesses, the rain cover can remain permanently on the multifunctional speaker and at the same time all connection and control panels remain accessible.

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