

- 1-way high-performance column subwoofer
- Visually seamless coupling to the PIA M loudspeaker
- Acoustical extension for more bass and increased directivity
- Selection switch for NL4 connection 1+/1- or 2+/2-



The Kling & Freitag PIA LFX is a high-performance column subwoofer designed for mobile use as well as for installations with a focus on high-quality and discreet appearance. Due to the identical external dimensions and appearance, it fits seamlessly with the Kling & Freitag PIA M. In conjunction with a base plate and the base connector, the PIA LFX can serve as an elegant stand base for the PIA M and extends the usable frequency range to below 60 Hz and increases the directivity down to the low frequency range by extending the acoustic surface. Due to the very high crossover frequency above 200 Hz, it complements the PIA M in bass reflex as well as in cardioid mode and is thus the ideal bass supplement.

The PIA LFX is equipped with six 4" drivers that are mounted in pairs of three drivers in each bass reflex chamber, which are equipped with flow-optimized bass reflex ports. The cabinet is made of multiplex and coated with a particularly fine textured lacquer, which gives the speakers a very refined look. The lid, base and rear panel are made of shaping metal elements, which support the slim and elegant design. The speaker front is protected by a metal grille backed with opaque acoustic foam.

As with the PIA M, M10 threaded inserts are available on the top, bottom and rear for TV spigots, high stand flanges, clamp adapters or ring eyelets. In addition, the concealed wall bracket provides a visually appealing solution for fixed installations.

The PIA connector and the PIA floor connector are new accessories that complement the product range. The PIA connector can be fixed with the M10 screws available in the PIA M and the PIA LFX and allows the PIA array to be used on a stand or suspended. The PIA floor connector is also attached to the screws provided on the back and can be attached to floor plates with M20 threads. In addition, the tool required for the attachment is included.

The PIA LFX has a connection panel at the top and bottom with NL4 SpeakOn sockets and integrated Phoenix screw connectors. Thus, the input signal can be looped through the loudspeaker and the PIA M can be directly connected afterwards. By means of an integrated switch, the channel assignment of the connectors can be set to 1+/1- or 2+/2- and an efficient cabling can be realized. For operation the amplifiers of the K&F PLM+ as well as the D-series are available as well as the K&F IPX 2400 and K&F IPX 1200

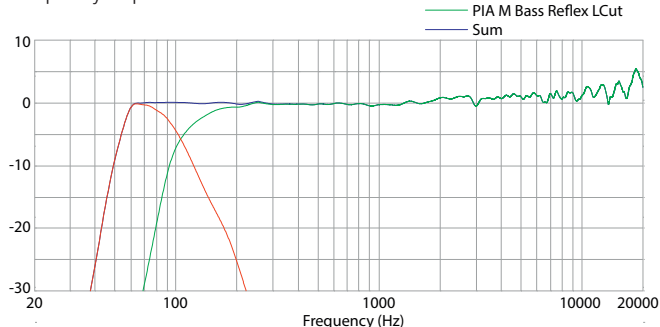
K&F PIA LFX - Low Frequency Extension

Design	1-way active equalized
Operation with	K&F PLM+ Series, K&F D-Series, K&F IPX 1200 and 2400
Frequency Response ± 10 dB	52 Hz – 240 Hz
Frequency Response ± 3 dB	65 Hz – 160 Hz
Coverage	Omnidirectional
Nominal Power Handling	100 Watt
Program Power Handling	200 Watt
Peak Power Handling	400 Watt
Maximum SPL (Peak @ max. 10% THD)	122 dB SPL
Nominal Impedance	8 Ω
Loudspeaker/Channel	3 per channel
Components	6 x 4" low-frequency driver in bass-reflex chamber
Connectors	SpeakON NL4 (1+/1-) or (2+/2-) selectable by switch // Phoenix connector

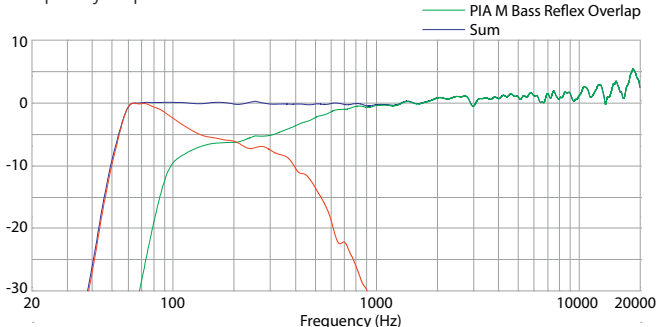
Enclosure

	Birch multiplex with highly resistant finish in RAL 9005 (black) or RAL 9010 (white), 2x M10 thread inserts on base and lid for attaching tripod adapters, TV spigot or recessed mounting bracket for wall mounting, 4x M10 thread inserts on the back of the cabinet for mounting clamp adapters, rear recessed SpeakON and Phoenix connector, opaque steel grille with black acoustic foam
Dimensions (W x H x D)	139 x 1196 x 168 mm
Weight	11.4 kg
Colour	RAL 9005 (black) RAL 9010 (white) RAL special colour (on request)
Accessories	See catalogue or www.kling-freitag.com

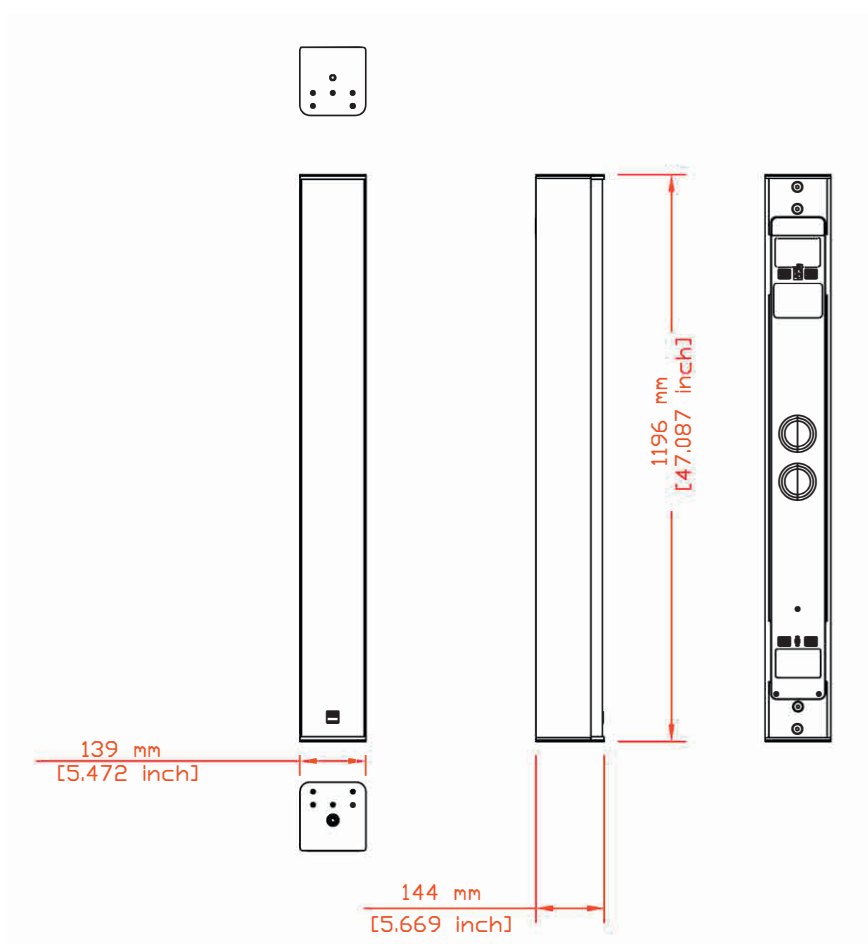
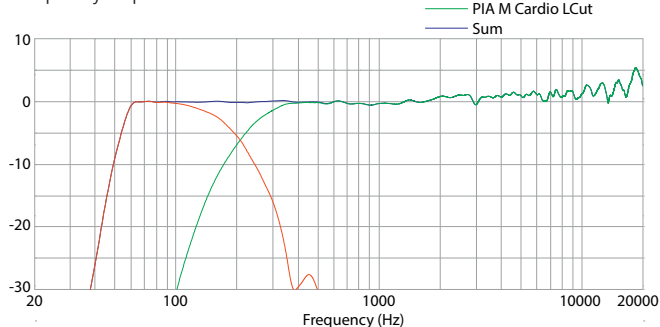
Frequency response 'on axis' Bassreflex Mode



Frequency response 'on axis' Cardioid Mode



Frequency response 'on axis' Cardioid Mode



Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site www.kling-freitag.de

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All measurements under free field conditions. Frequency patterns 1/6 octave averaged. Coverage and polar pattern 1/3 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.