

- Compact High Performance Loudspeaker 2 x 5" / 1"
- High directivity in relation to the size
- VariPoint® for the quick fastening of accessories
- Regular directivity pattern of 70° x 60°
- Max. SPL 121,5 dB



PASSIO is a compact, passive high performance loudspeaker, provided with a multifunction enclosure for ProRental use. Between two 5" chassis, there is a large CD horn with a 1" high frequency tweeter. The PASSIO is outstanding by the high directivity in relation to its size. It is appropriate to language and music transmission and also to near field or monitor use.

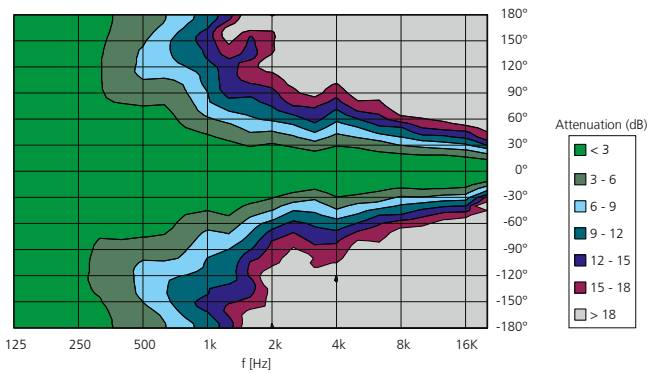
The hard integral foam enclosure has been designed in a discreet look. The speaker front is protected by a front grille, backed by a layer of opaque black foam. All fasteners may be fixed in a few seconds without tools, discreetly on the back on the VariPoint®. The two Speakon connectors are embedded diagonally in the stainless steel terminal. Two points of the terminal are assigned to the direct slinging of securing devices.

Due to the nearly symmetric directivity pattern of 70° x 60° (horizontal x vertical), there is no need for the rotation of the CD horn. By its high directivity in relation to the size, the sound energy is transported significantly further than in comparable systems of the same size. PASSIO disposes of the neutral and at the same time natural sound character which is typical for K&F products.

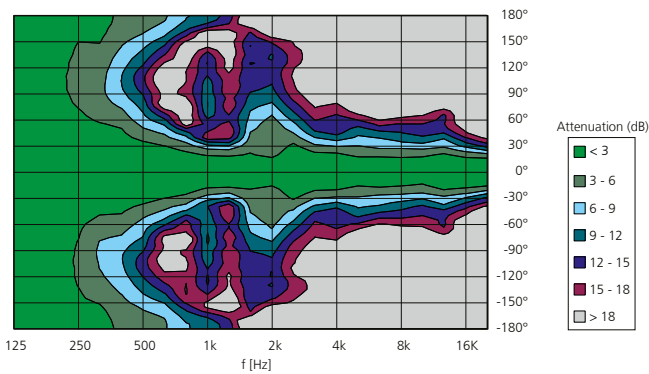
Loudspeaker	
Design	2-way passive bass reflex system
Frequency range -10 dB	75 Hz - 31 kHz
Frequency range ±3 dB	110 Hz - 28 kHz
Coverage angles nominal	70° x 60° (hor. x vert.)
Power handling	200 W nominal ¹⁾ 400 W program ²⁾
SPL (1W / 1m)	92,5 dB SPL
Max. SPL (1m)	121,5 dB SPL
Components	2 x 5" woofer, 1" high frequency tweeter on a CD horn
Impedance (nominal)	12 Ω, Zmin 8 Ω (200 - 350 Hz)
Connectors	(1+/1-) 2 x Speakon® 4-pol NLT4MP IN parallel to OUT
Enclosure	
	Hard integral foam enclosure (flame retardant V0 according to UL94) with 25° and 55° monitor angle, VariPoint® to fasten hardware, sunk-in and to the bottom faced Speakon® connectors, 5° angle on top and bottom for inconspicuous design, textured paint finish in black or white, exchangeable front grille
Dimensions (W x H x D)	180 x 415 x 173 mm
Weight	5.6 kg
Option	'Special finish in RAL colours'
Accessories	see catalogue or www.kling-freitag.de

¹⁾ Pink noise 40 - 5000 Hz, 2 h; ²⁾ as ¹⁾ but with 50% duty cycle

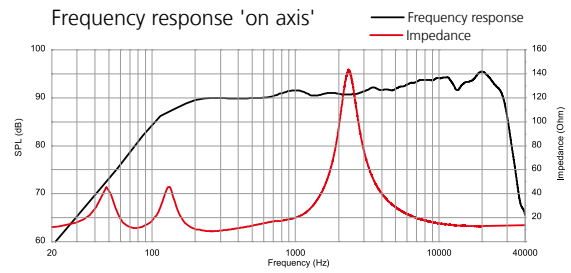
Horizontal coverage pattern



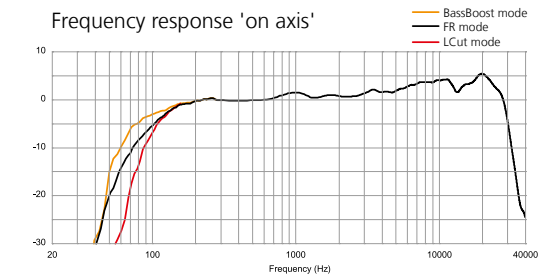
Vertical coverage pattern



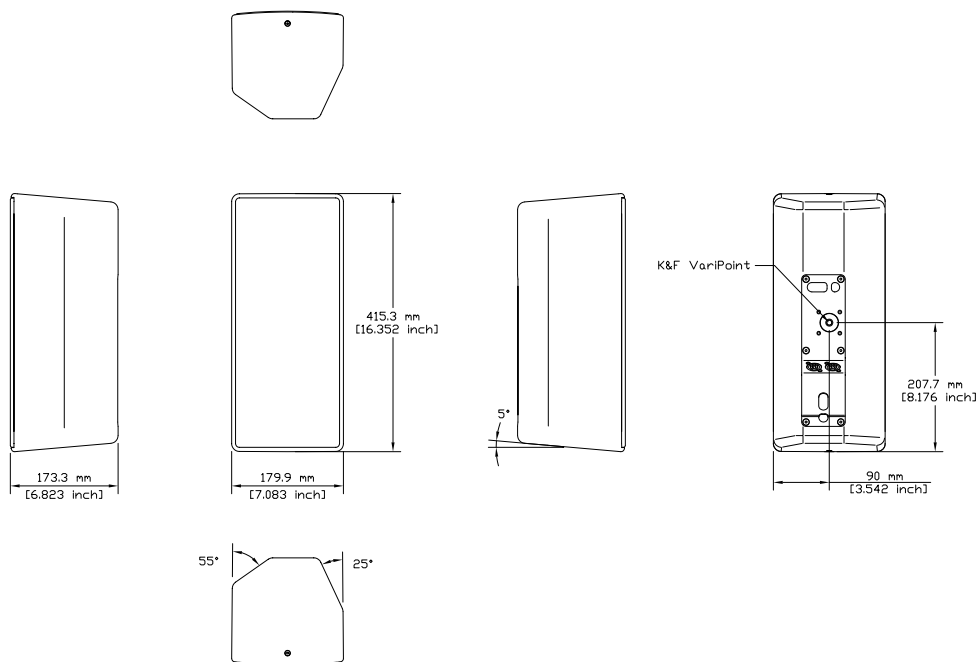
Frequency response 'on axis'



Frequency response 'on axis'



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.



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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