

The beckersounds b302 is a 2-way home cinema front speaker including an associated cloud-capable DSP amplifier. It features our new hybrid technology, which combines the advantages of passive and actively controlled speakers. The state-of-the-art DSP amplifier also allows the use of a parametric equalizer for manual room measurement.

As the b302 is a bass-limited speaker, you will need a suitable subwoofer system. Alternatively, you can expand the b302 with the b902 subwoofer to create a full-range speaker.

Technical Data b302

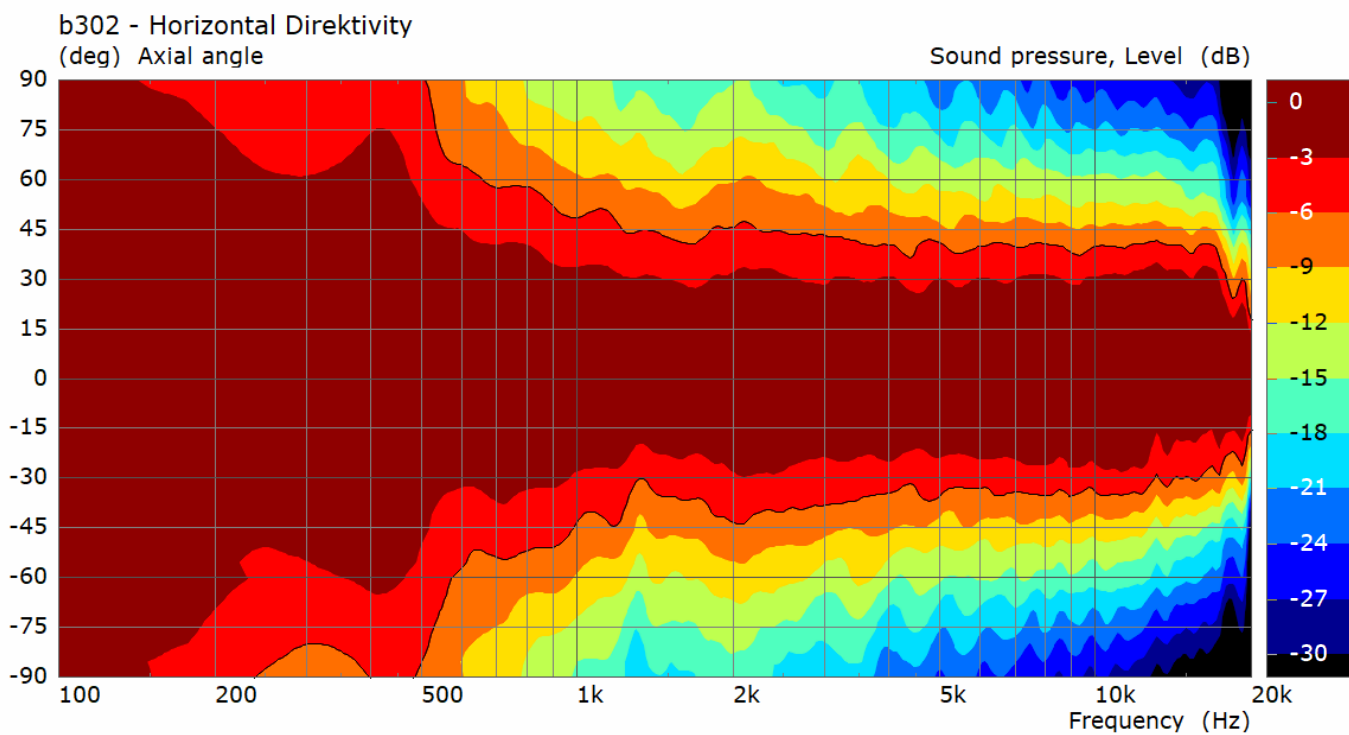
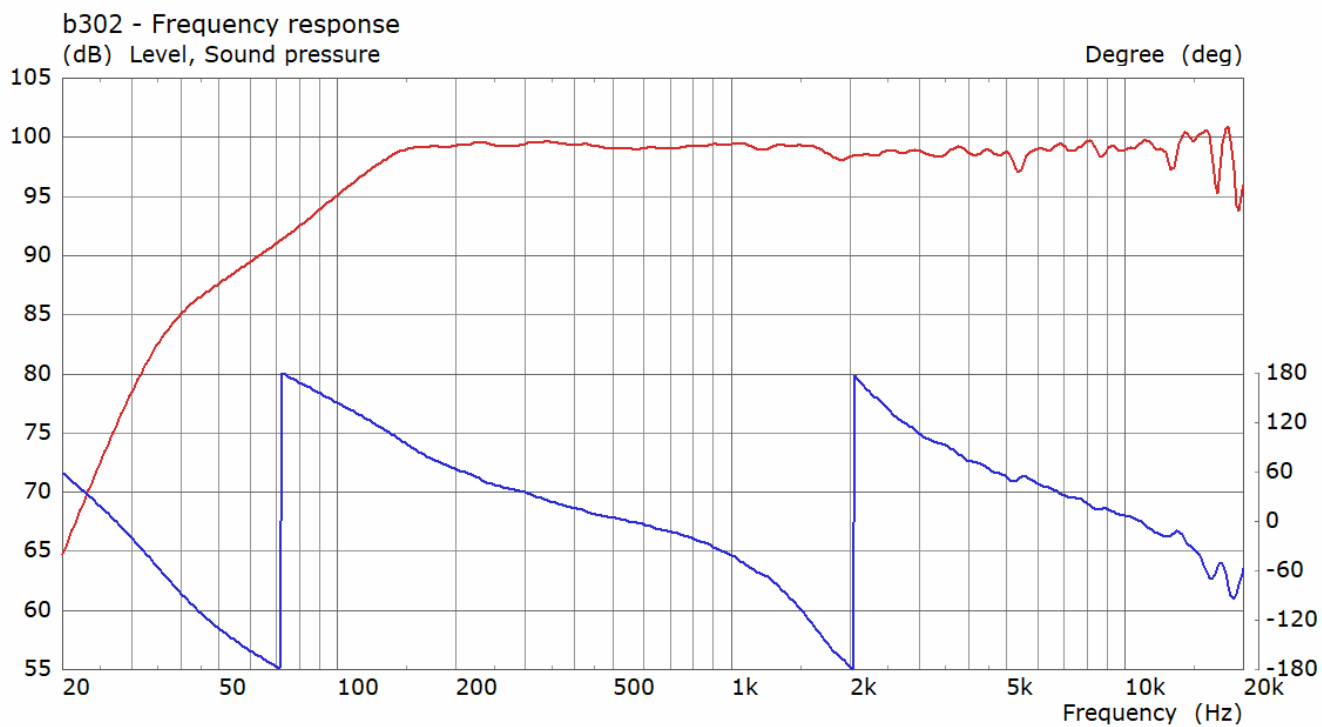
Frequency Response (+/-3dB)	80 Hz – 20 kHz
Maximum SPL free field at a distance of 1 meter	125 dB
Horizontal directivity	+/- 30°
Vertical directivity	+/- 20°
Tweeter	1"
Bass driver	12"
Connection options	Analog und Dante/AES67
Subwoofer as full-range extension	b902
Dimensions (W x H x D)	35 cm x 65 cm x 22 cm
Acoustic center from the lower edge	43 cm
Weight	20 Kg

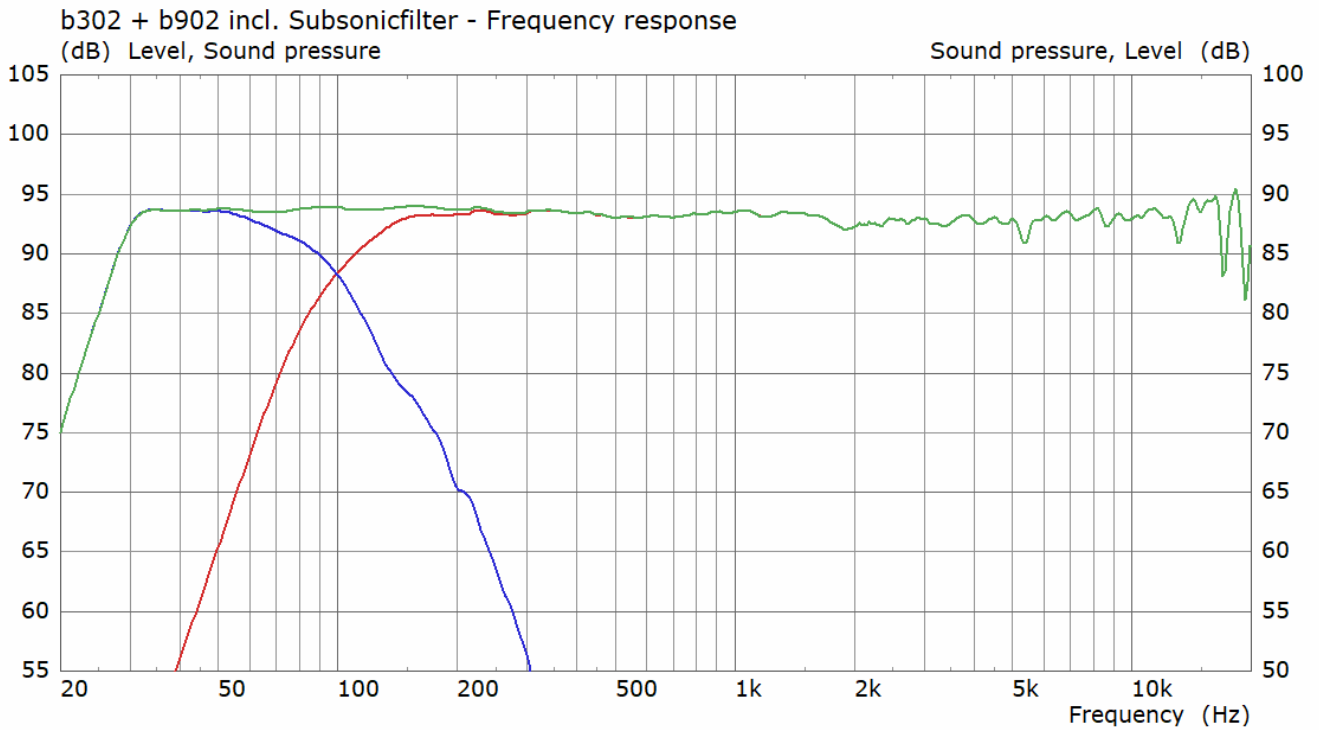


Technical Data b302 with b902

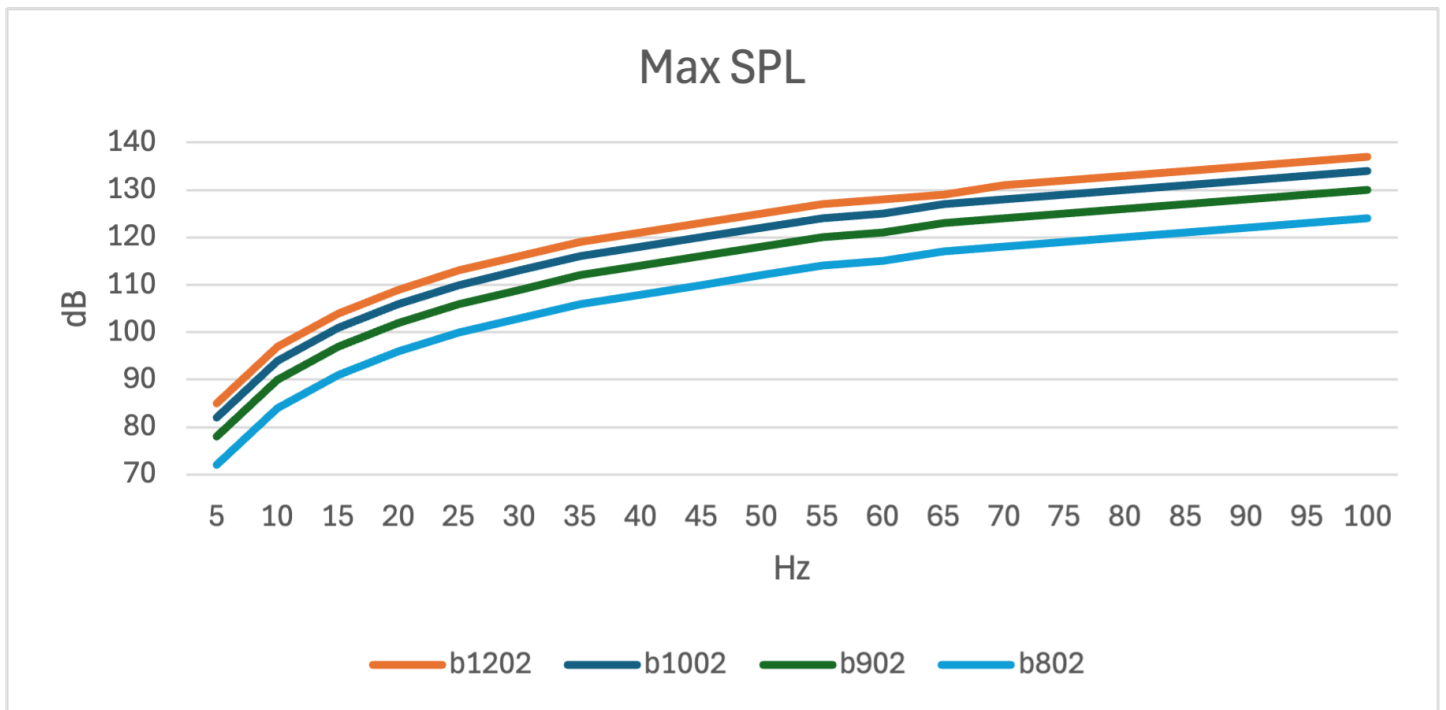
Frequency Response (+/-3dB) incl. protection filter *	28 Hz – 20 kHz
Maximum SPL free field at a distance of 1 meter	112 dB
Horizontal directivity	+/- 30°
Vertical directivity	+/- 20°
Tweeter	1"
Bass driver	12"
Subwoofer driver	15"
Connection options	Analog und Dante/AES67
Dimensions (W x H x D)	45 cm x 145 cm x 25 cm
Acoustic center from the lower edge	123 cm
Weight	51 Kg





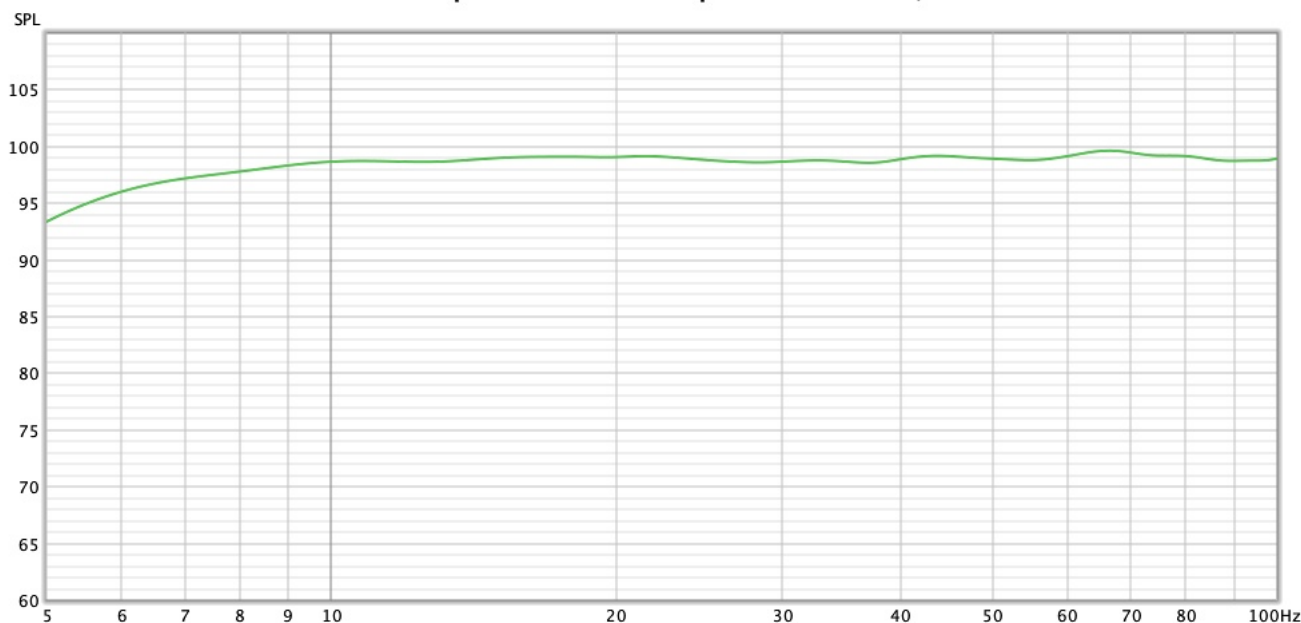


* Incl. protection filter means that the frequency response has been deliberately cut towards the low frequencies for protection and to increase the maximum level. This is freely configurable. The resulting maximum level is shown in the following graphic.



Below is an example of how the frequency response can be adjusted to the low frequencies. This measurement was made at the listening position.

example in-room response with EQ



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Status of this manual: 09.08.2024