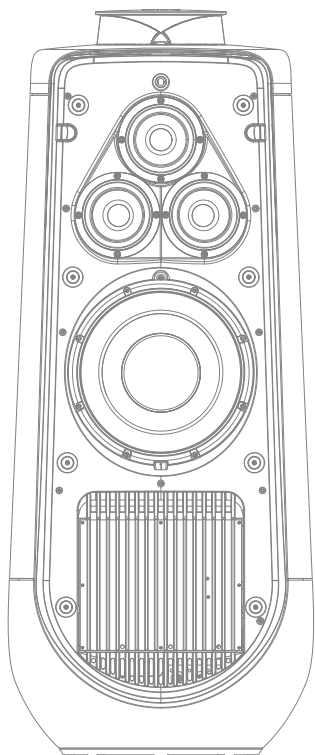




High-end active
loudspeaker with
Acoustic Lens
and extraordinary
performance.



From the magical moment the Acoustic Lens majestically ascends, discreetly opening up to face the audience, you know the stage is set for an extraordinary performance.

Beolab 50 is our high-end active loudspeaker blending radical audio technology, elegant aesthetics and meticulous craftsmanship. Tailored and truly ear-catching performance for all the ways you enjoy sound in the home: Sweet spot music listening, unforgettable house parties and cinematic experiences par excellence.





SPECIFICATIONS

BASIC:

Dimensions:

28.5 x 103.6 cm W x H

Weight:

61 kg

Placement options:

Floor

Designer:

Noto GmbH

TECHNICAL:

Power amplifiers:

- 1 x Bang & Olufsen ICEpower 300 watts (tweeter)
- 3 x Bang & Olufsen ICEpower 300 watts (midranges)
- 3 x Bang & Olufsen ICEpower 300 watts (woofers)

Speaker drivers:

- 1 x 3/4" tweeter - double motion Acoustic Lens Technology
- 3 x 4" midrange
- 3 x 10" woofers

Digital signal processor:

- 1 x Analog Devices ADSP-21489 - 400 MHz
- 192 kHz fixed sampling rate

Effective frequency range:

15 - 43,000 Hz

Remote control:

- Beoremove One
- Bang & Olufsen App

CONNECTIVITY:

Wireless input Primary and Secondary speaker:

- Wireless Power Link (24 bit / 48 kHz)
- WiSA (24 bit / 96 kHz)

Digital input Primary and Secondary speaker:

Digital Power Link (24 bit / 192 kHz)

Digital Input Primary speaker:

- USB Audio (24 bit / 192 kHz)
- S/P-DIF (24 bit / 192 kHz)
- Optical (24 bit / 96 kHz)

Analogue Input Primary speaker:

- Power Link
- RCA

MATERIAL AND COLOUR:

Shell:

- Aluminium
- Natural
 - Brass Tone
 - Piano Black

Front cover:

- Fabric
- Black
- Aluminium
- Natural

Side panel:

- Fabric
- Black
- Wood
- Oak
 - Smoked oak

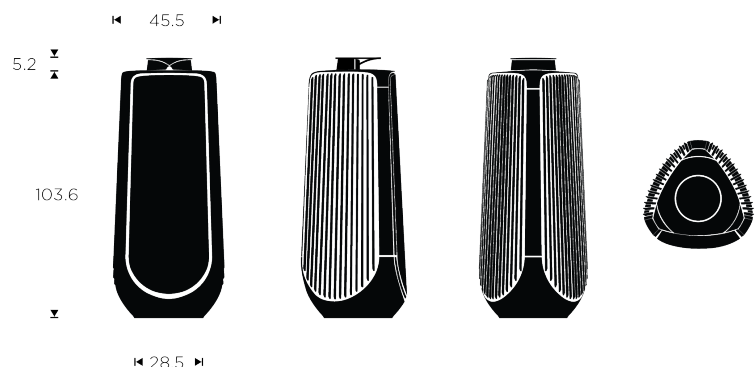
FEATURES:

Acoustic Lens Technology with directional sound beam control

On the top you find the motorised acoustic lens, which appears when the loudspeaker is switched on. The side 'cheeks' adjusts to wide or narrow, when you apply the unique beamwidth control, which decides whether you are having a sweet spot listening experience (narrow beamwidth) or are going for a wider sound dispersion aiming at multiple listening positions in front of the speaker (wide beamwidth).

Active Room Compensation

Creates a set of custom filters that compensate for the acoustical behaviour of your room in your favourite listening areas, based on a simple set of measurements using an external microphone, when setting up the speakers. The result is superior performance, tailored to not only to your lifestyle but your home environment, making the Beolab 50 a perfect fit.



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