



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

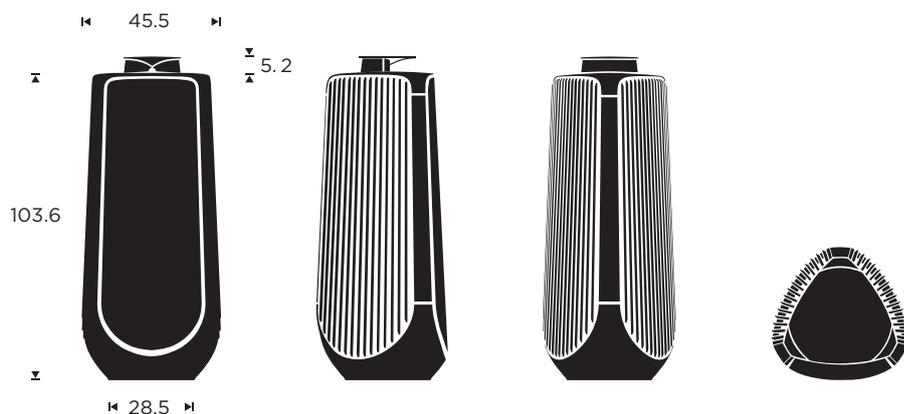
From the magical moment the Acoustic Lens majestically ascends, discreetly opening up to face the audience, you know the stage is set for an extraordinary performance.

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.





MEASUREMENTS



BASIC

Product Dimensions (W x H x D)
28.5/45.5 x 108.8 x 50.0 cm

Placement
Floor

Weight
61 kg

Recommended Room Size
20-150 m² / 200-1500 ft²

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)

Digital Signal Processor

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

Speaker Drivers

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

Frequency Range

<15 - >43,000 Hz

Maximum Sound

Pressure Level @1m
120 dB SPL (pair)

Features

- Advanced Active Room Compensation
- Beam Width Control
- Acoustic Lens Technology
- Adaptive Bass Linearization
- Thermal Protection

Bass Capability @1m

116 dB SPL (pair)



CONNECTIVITY

Wireless Input Primary and Secondary Speaker

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

Digital Input Primary Speaker

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

Digital Input Primary and Secondary Speaker

Digital Power Link (24 bit / 192 kHz)

Analogue Input Primary Speaker

Power Link
RCA

Remote Control

Beremote One BT
Beoremote Halo
Bang & Olufsen App

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 beam width control, which decides whether you are having a sweet spot listening experience (narrow beam width) or are going for a wider sound dispersion aiming at multiple listening positions in front of the speaker (wide beam width).

Advanced 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 your lifestyle but your home environment, making the Beolab 50 a perfect fit.

OTHER INFORMATION

Designer

Noto Design GmbH



OAK

Shell
Natural Aluminium
Front cover
Black fabric
Side panels
Oak



BLACK FABRIC

Shell
Natural Aluminium
Front cover
Black fabric
Side panels
Black fabric



SMOKED OAK

Shell
Piano Black
Aluminium
Front cover
Natural Aluminium
Side panels
Smoked Oak



WALNUT

Shell
Bronze Tone
Aluminium
Front cover
Warm Taupe fabric
by Kvadrat
Side panels
Walnut



LIGHT OAK

Shell
Gold Tone
Aluminium
Front cover
Golden fabric
by Kvadrat
Side panels
Light Oak





FRAME

Aluminium



Silver



Black



Bronze Tone



Gold Tone

FRONT COVER

Fabric



Black



Warm
Taupe fabric
by Kvadrat



Golden fabric
by Kvadrat

Aluminium



Silver



Bronze Tone



Gold Tone

SIDE PANELS

Wood



Oak



Smoked
Oak



Walnut



Light Oak

Fabric



Black