The intelligent loudspeaker

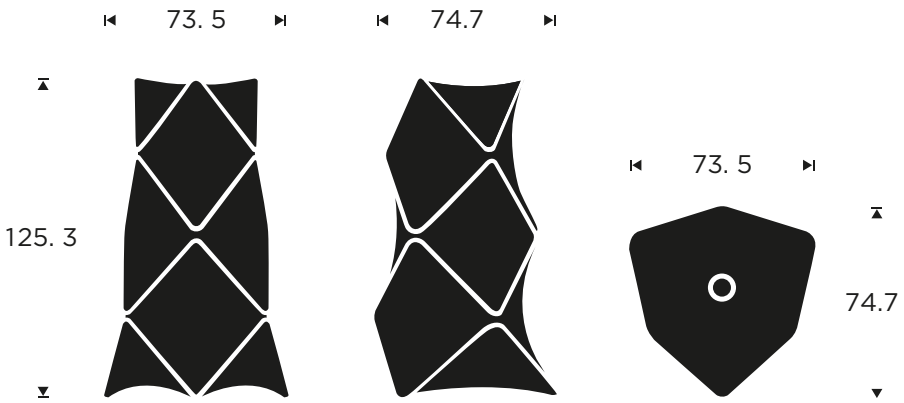
Beolab 90 contains a multitude of technologies. It's a perfect mix of world-class design and acoustics in, what may well be, the most complete and powerful digital loudspeaker designed for use in your home.

This highly intelligent loudspeaker provides you with clarity, range and a sound staging that is second-to-none. Beolab 90 features an impressive 360° design, has a variety of settings, and regardless of its placement, the room or your listening position it will give you mind-blowing sound.





MEASUREMENTS



BASIC

Product Dimensions (W x H x D)
73.5 x 125.3 x 74.7 cm

Weight
137 kg

Placement
Floor

Recommended Room Size
30-200 m^2 / 300-2000 ft^2

TECHNICAL

Power Amplifiers
– Custom designed for Beolab 90
7 x Bang & Olufsen ICEpower
300 watts (tweeter)
7 x Bang & Olufsen ICEpower
300 watts (midranges)
4 x Heliox AM1000-1
1000 watts (woofers)

Speaker Drivers
7 x 1” Scan-Speak Illuminator tweeter
7 x 4.5” Scan-Speak Illuminator midranges
3 × 10” Scan-Speak Discovery woofers
1 x 13” Scan-Speak Revelator woofer

Maximum Sound Pressure Level @1m
126 dB SPL (pair)

Bass capability @1m
123 dB SPL (pair)

Digital Signal Processor
1 x Analog Devices ADSP-21489
– 450 MHz
192 kHz fixed sampling rate

Frequency Range
<12 - >43,000 Hz

Features
- Advanced Active Room Compensation
- Beam Width Control
- Beam Direction Control (5 sides)
- Thermal Protection
- Adaptive Bass Linearization

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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
XLR (fully balanced)

Remote Control
Beremote One BT
Beoremote Halo
Bang & Olufsen App

FEATURES

Advanced Active Room Compensation
This technology secures a uniform sound experience in selected listening positions/zones, in practice by actively adapting the speaker output to compensate for poor room acoustics.

Beam Width Control
Makes it possible to alter the width of the sound beam between ‘narrow’, ‘wide’ and ‘omni’, optimized respectively for ‘sweet spot’ listening, ‘large area’ listening and ‘360 degree’ listening.

Beam Direction Control
A technology that makes it possible to direct the sound beam from the speakers in five different directions..

OTHER INFORMATION

Designer
Noto Design GmbH

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Aluminium Crown
Natural aluminium

Fabric
Black

Panels
Oak



Aluminium Crown
Gold Tone

Fabric
Sand

Panels
Light Oak



Aluminium Crown
Black
Anthracite

Fabric
Black

Panels
Dark Oak





AVAILABLE FOR CUSTOMISATION

With the B&O AR Experience app, you can preview the customisation options and view the speakers in different rooms.

Ask in store or visit www.bang-olufsen.com for more information.

