

BEOLAB 90

Vision of Sound



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-degree design, has a variety of settings, and regardless of its placement, the room or your listening position it will give you mind-blowing sound.

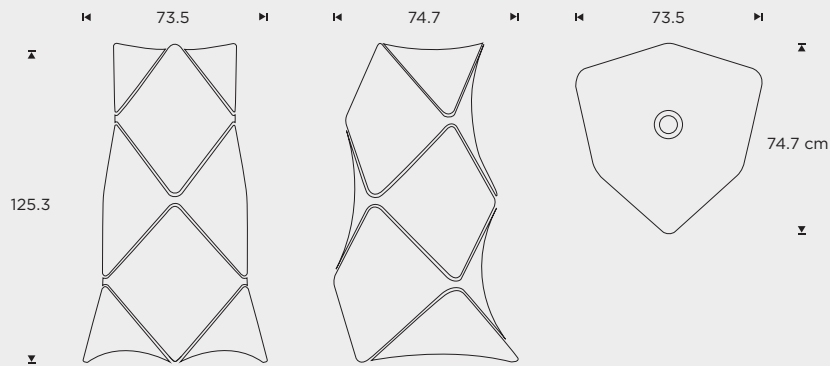


BANG & OLUFSEN

MEASUREMENTS

in cm

bang-olufsen.com/beolab90



SPECIFICATIONS

Designer	Weight	Wireless Input (Master and Slave speaker)
Frackenhohl Poulheim	137 kg	Wireless Power Link (24 bit / 48 kHz) WiSA (24 bit / 96 kHz)
Analogue Input (Master speaker)	Digital Input (Master speaker)	Digital Input (Master and Slave speaker)
Power Link RCA XLR (fully balanced)	USB Audio (24 bit / 192 kHz) S/P-DIF (24 bit / 192 kHz) Toslink (24 bit / 96 kHz)	Digital Power Link (24 bit / 192 kHz)
Amplifiers - custom designed for BeoLab 90	Speaker Drivers	Digital Signal Processor
For tweeters 7 x Bang & Olufsen ICEpower AM300-X	Tweeter 7 x Scan-Speak Illuminator 30 mm	DSP type 2 x Analogue Devices ADSP-21489 - 450 MHz
For midranges 7 x Bang & Olufsen ICEpower AM300-X	Midrange 7 x Scan-Speak Illuminator 86 mm	Sampling rate 192 kHz fixed
For woofers 3 x Heliox AM1000-1	Woofer 3 x Scan-Speak Discovery 212 mm	
For front woofer 1 x Heliox AM1000-1	Front Woofer 1 x Scan-Speak Revelator 260 mm	

FEATURES

- 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 any given direction.