

Beovox loudspeakers



Beovox combines performance with elegance

How should a good loudspeaker sound?

It should have no sound at all!

When selecting a loudspeaker, no doubt you will soon be introduced to one which, it is claimed, "sounds of more". It can be very enchanting, but it is *not* the one you should choose! The characteristic of a quality speaker is such that it in no way colours the sound, and therefore has no sound of its own. It does not add to, neither does it subtract from, the signal received. It is purely a means of translating electrical impulses into physical sound and the result is a lifelike reproduction. This is the ideal you should aim for.

It is important that you choose loudspeakers which are specifically designed for your particular amplifier, and in this respect B & O have for some considerable time been developing a range of speakers with this in mind.

Beovox pressure chamber speakers are perfectly matched in both technical design and appearance to the various B & O products and beautifully finished in a choice of teak or rosewood.

Ask your B & O dealer to demonstrate these superb speakers and then you will realize the difference that really good speakers can make to your music simply by letting you hear the true sound. For those who are interested in technical specifications, these are fully detailed on page 4 of this leaflet.

Here are some points to look and listen for in a quality loudspeaker:—

Wide frequency response

The wider the frequency response of a loudspeaker the greater will be its ability to reproduce the whole tonal range, from the lowest notes in the bass range to the highest treble.

Flat frequency response

All frequencies should be reproduced at the same level. If a particular tonal range dominates, it will disturb the lifelike reproduction.

Low distortion

The speaker should have no sound of its own. It must not "colour" the signal received from

the amplifier by introducing undue resonance either from the speaker drive units, or the cabinet itself.

Good dispersion

The whole tonal range should be dispersed evenly in all directions. The larger B & O speakers have a DOME mid-range and high frequency unit giving a dispersion of 120°.

Correct power rating

Some modern amplifiers give a very high output. The speakers must be able to handle this power, and have the correct impedance to suit the amplifier.

Beovox loudspeakers meet all these requirements.



Beovox 1100 11.3 x 6.7 x 10in



Beovox 5000 28.7 x 18.5 x 12.7in



Beovox 2600 23.6 x 9.5 x 10.8in



Beovox 3000 25 x 11 x 12in



Beovox 4000 25.5 x 13.7 x 11in



Beovox 1000 17.5 x 6.7 x 9.5in



Beovox 600 11 x 5.5 x 7.7in



Beovox 1200 19.7 x 7.9 x 9.5in



Beovox 1600 17.3 x 13 x 4.1in



Beovox 2500 11 x 3.7 x 3.7in

	Beovox	600	1000	1100	1200	1600	2500	2600	3000	4000	5000
Height / in	11	17.5	11.3	19.7	17.3	11	23.6	25	25.5	28.7	
Width / in	5.5	6.7	6.7	7.9	13	3.7	9.5	11	13.7	18.5	
Depth / in	7.7	9.5	10	9.5	4.1	3.7	10.8	12	11	12.7	
Weight / lb	6.6	11	9.9	12.1	11	3.5	22.1	26.4	44.1	55	
Impedance / Ω	4	4	4	4	4	4	4	4	4	4	
Music load / W	20	15	20	20	20	60	60	60	60	80	
RMS load / W	15	10	15	15	15	—	30	40	40	50	
Frequency response / Hz from to	65 18K	55 18K	50 18K	40 20K	50 20K	2K 18K	30 20K	28 20K	30 20K	25 20K	
Maximum distortion / %	4	4	3	2.5	3	1	2	1.5	1.2	1	
† Sensitivity / W	3	3	4	4	4	—	4	4	4	2	
Capacity / lit	5	14.5	7.5	17	10	—	25	37	40	66	
Self resonance of bass unit / Hz	65—70	50—55	35—40	35	35	—	30	24	18—22	18—20	
Dispersion / °	90	90	120	120	120	360	120	120	120	120	
Mid range attenuator	No	No	No	No	No	—	No	No	Yes	Yes	
Connection for tweeter	No	No	No	No	No	—	No	Yes	Yes	Yes	
Roll surround bass unit	—	—	Yes	—	—	—	Yes	Yes	Yes	Yes	
Size of bass unit / in	One 6 × 4	One 6.5	One 6	One 7	One 6	—	One 8	One 10	One 10	One 12	
Size of mid range unit / in	—	—	—	—	—	—	—	—	One 5 × 7.2	One 5 × 7.2	
Size of mid/treble unit / in	—	—	—	One 1.5 Dome	One 1.5 Dome	—	One 1.5 Dome	One 1.5 Dome	—	Two 1.5 Dome	
Size of treble unit / in	One 2.25	One 2.5	One 1.5	One 2	One 2	Six 2	One 2	One 2	Two 2	One 1 Dome	
Crossover frequencies / Hz	5K	5K	5K	3K+10K	3K+10K	—	2K+10K	2K+10K	500+5K	500+2.5K	
Exceeds DIN 45 500	—	—	Yes	Yes	Yes	—	Yes	Yes	Yes	Yes	
Suitable B & O amplifiers or amplified units											
Beomaster	900 1000 1200 1600	900 1000* 1200* 1600*	900 1000 1200 1600	900 1000 1200 1600	900 1000 1200 1600	900K 1000 1200 1600 3000	1000 1200 1600 3000	3000	3000	3000	
Beogram	1500	1500	1500	1500	1500						
Beolab						5000		5000*	5000*	5000	
Beocord	2400	2400	2400	2400	2400						

† Power input for 96 dB at 1 metre

* Power output of amplifier exceeds handling capacity of speaker and therefore care must be taken to avoid overloading speaker.



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