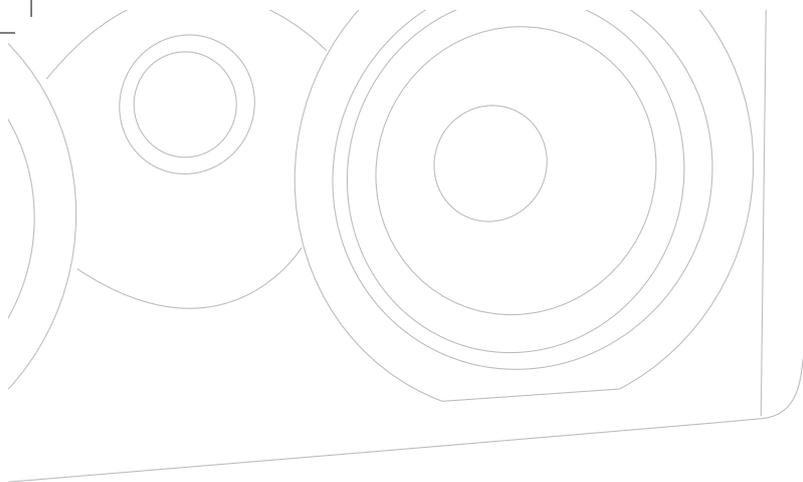


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A-SERIES SPEAKERS
NATURAL DYNAMICS





THE A-SERIES. THE ART OF NATURAL DYNAMICS.

Natural Dynamics. Sounds good? You bet it does because these words depict in short what performance you can expect from the new A-Series: a sound experience that comes amazingly close to true natural sound.

We reinvented the A-Series using the most advanced measurement methods and simulation software, incorporated innovative materials and fabrication methods and let some of the best trained ears from around the globe approve its excellent quality.

Part of which is the precise reproduction of sound or what we call: The Boston Sound. Three major quality aspects contributed to achieve this goal:

- the design of flat octave-to-octave frequency response in order to produce all notes with a consistent loudness.
- the lowest possible distortion to prevent the sound from being damaged and
- the high power handling to deliver the full dynamic range from soft to loud.

Admittedly, you could consider our attitude to be a little obsessive. But most certainly, it is easier to create excellent products when each and every detail of our products is genuinely designed by us. And only by us. So prepare to enjoy a three dimensional stereo image of its own kind and a striking natural sound balance that has built the worldwide reputation of Boston Acoustics.



360
250



READY TO STAND THEIR GROUND. INTRODUCING A 360 AND A 250.

The A-Series – floorstand speakers A360 and A250 share their excellent engineering. Still, the A360 naturally outruns its smaller sister in some ways. Check out the facts on pages 10/11 for details or simply ask your dealer to play them for you. Sometimes, listening says more than a thousand words.

The Tweeters

Taking care of the crystal clear high range output: the A-Series produces excellent sound using Boston's proprietary Kortec® soft dome tweeters.

The Midrange & Bass Drivers

Newly developed and designed constructions with ceramic/glass fiber polymer cones. They utilize the exclusive Boston Deep Channel® Design to achieve high sensitivity, natural dynamics and minimal distortion.

The Crossover

Genuine Linkwitz/Riley crossover design with carefully selected low loss film capacitors and laminated silicon steel conductors, precisely fine-tuned in extensive listening sessions (one of those old-school things we just love to do).

The Cabinet

Firstly, it's the high gloss black finish that makes them look beautiful from the outside. Then, there is a set of talents located on the inside, including a circular top plate bracing to minimize vibrations and maximize a full and rich 3D soundstage, with just two speakers.

Also, the tubular midrange enclosure separates the most sensitive frequency range from the rest of the construction of the A360, providing a more detailed and rich midrange performance.

And last not least: we included an angled solid bottom bracing. A smart feature you will not find anywhere else in this class. Here's how it works: by avoiding any standing waves inside the cabinet and by improving the overall stiffness, it reproduces the cleanest bass possible.



A 360

A 250



26
25
23



BOOKSHELF SPEAKERS.

A 26, A 25 AND A 23.

The bookshelf speakers feature just about the same technology standards as do the floorstand speakers. Each is cleverly appointed with magnetic grilles and stylish contours for an uncluttered visual appeal. Even when not using the most powerful amplifier, the incorporated Deep Channel Design® (DCD) woofer chassis guarantee clean and precise bass. And the 1" Kortec soft dome tweeter ensures that not a single detail gets lost.

A 26

2-way bookshelf with 6.5" DCD woofer

The A26 is as much of a powerful bookshelf speaker as you might just consider it the perfect substitute for a floorstand speaker. But then again, you wouldn't want to compromise in achieving the optimum in sound quality, would you? Either way, the 6.5" woofer guarantees a deep and controlled bass, a nice midrange and a high resolution supported by the soft dome tweeter. Just like all A-Series speakers, it will work perfectly in both, a HiFi or Home Cinema setup.

A 25

2-way bookshelf with 5.25" DCD woofer

The A25 is constructed in the same way as the A23, but with bigger drivers for a more sappy sound. They go nicely with smaller HiFi System as well as in a home cinema setup up for medium size rooms. They can be used as both surround speakers and main speakers for the front channels, supported by a subwoofer.

A 23

2-way bookshelf with 3.5" DCD woofer

Due to its compact size, the A23 smoothly integrates into any environment. It can be used for background music in e. g. your kitchen or study room. In a home cinema system, it will provide nice surround information when used as surround back speakers. Combined with the A-250 subwoofer it can act as a satellite surround sound speaker system for cinema solutions in smaller rooms. And for a perfect set-up, the keyhole in the back makes on-wall installation easy.



A 26



A 25



A 23



SW650
SW250
225C



A-SERIES SUBWOOFERS AND CENTER SPEAKER. **ASW 650, ASW 250 AND A 225C.**



A 225C

A 225C

2-way center speaker with dual 5.25" DCD woofers You probably know that for a balanced and homogeneous surround sound, the tonal integration of the centre speaker to the front speakers is crucial. Only when the integration works splendidly, the centre speaker „disappears“, enabling you to enjoy the best quality in sound and reproduction. The centre is also responsible for the reproduction of voices in movies. Another good reason for us to make sure, the tonal arrangement fits perfectly within the A-Series. The 5.25" DCD® woofers and the Kortec® Tweeter are constructed in the same way. And the size of the cabinet is optimized to present finest details in dialogues, without falling short when it needs to reproduce heavy actions.

Are you setting out to build a truly powerful home theater? Or are you simply demanding the weight and authority of the lowest musical tones for your HiFi enjoyment? Either way, the A-Series subwoofers will satisfy your wishes. Each model incorporates a 10-DCD magnet structure, a voice coil with generous thermal capacity and stiff treated pulp cone.

ASW 650

650W front-firing subwoofer with 10" DCD woofer When you understand the power of the lowest bass extension, now we're talking. Experience a true-to-reality shock when watching an explosion or just feel the vibration of an earthquake - with the ASW 650, things get really real. With its enhanced sonic precision, a switched mode power supply, it redefines stiffness. What that means? Well, it maintains its

reserve even during the greatest musical demands. And thanks to its firm and solid power supply, you can expect more consistent performance during extended loud passages.

ASW 250

250W down-firing subwoofer with 10" DCD woofer The ASW 250 is the little brother of the ASW 650. But it's making use of the same 10" DCD® woofer chassis to move the air. That adds extra bottom end extension to the bookshelf speaker system or a smaller floorstand speaker. With a peak power of 250W and frequency range starting at 35Hz, it will give you a stunning performance in smaller and middle size rooms.



ASW 650



ASW 250



DESIGNED TO BE BETTER.

SPECIFICATIONS SMART FEATURES

Specifications	A 360	A 250
	3-Way	2-Way
Freq. Response	38Hz-25kHz	45Hz-25kHz
Recommended Amp.	10-200 W	10-175 W
Sensitivity	90 dB	89 dB
Impedance	8 ohms	8 ohms
Crossover Freq.	800 Hz / 2.700 Hz	2.500 Hz
DCD® Woofer	2 x 6,5"	2 x 5,25"
Midrange	3,5"	-
Kortec® Tweeter	1"	1"
Peak Power	-	-
Dimensions (H x W x D mm)	1060 x 345 x 274	891 x 320 x 225
Weight (kg)	20,0	13,4

Smart Features	A 360	A 250
Circular Top Plate Bracing	x	x
Solid Angled Bottom Bracing	x	x
Tubular Midrange Enclosure	x	-
Bass Trac®	-	-

Available Colors

High-Gloss Black and Satin Cherry



Natural Dynamic Cabinets

Everything of the A-Series is designed to excel the segment standards. For instance, let's first look at a fact that is unique in this price class: the „High Gloss Black“ option which dresses the A-Series in a truly classy way.

But of course there's more to the A-Series than meets the eye: the cabinet constructions significantly improve stability and sound quality. (We suggest you touch them yourself – the construction details and the weight speak for themselves.)

All models use a tuned resonant port design to extend and solidify the bass output from the woofer. Every cabinet is carefully created to make the speakers more room-friendly.

Also, unwanted vibrations and resonances are avoided: bracing and oversized-thickness side panels provide a solid structure. In addition, a double layer top panel of 36mm thickness minimize extraneous sound radiation and distortion (in models A 25, A 26, A 250 and A 360).

The floor standing models A 360 and A 250 received even more special design features, including internal braces and a newly developed diagonal panel to eliminate common floor speaker issues.

And have you noticed the drivers on a clean front panel surface? The gently rounded edges and the hardware-free front panel which is made possible by the magnetic attachment of the grille?

What might seem to be designed purely for appearances in fact serves a crucial role: they reduce diffraction from the drivers, cleaning up the radiated sound and contributing to a flat frequency response and naturally dynamic stereo imaging.

Natural Dynamic Drivers

The speaker drivers – woofers, midranges and tweeters – are the sonic devices that translate electrical impulses from an amplifier into sound. And naturally, the A-Series does not settle for standard solutions on this part, either.

Its cones for example are polypropylene impregnated with a specifically designed formula of ceramic and glass fibers. This feature strengthens the stiffness of the cones and enhances their response to the voice coil's movement. It also guarantees less extraneous vibration modes, resulting in a cleaner sound.

Still, we felt it needed another innovation to get the best out of the A-Series. Our engineers developed a unique interior curve shape for the cones. A shape that gives the smoothest frequency response for the chosen stiffness and damping of the cone material. The cones are injection molded in a machined steel molding tool, and the surrounds (the rubber roles on the side of the cones) were optimized with an advanced mass balancing technique. Sounds good? It really, really does.

Natural Dynamic Crossover

We like to think of the drivers as the heart of the speaker. The cabinets function as its body and the crossover is nothing less than its soul. Technically speaking, the crossover is an electronic circuit that directs the appropriate frequency range to each speaker driver.



A 26	A 25	A 23	A 225C	ASW 650	ASW 250
2-Way	2-Way	2-Way	-	-	-
51Hz-25kHz	55Hz-25kHz	80Hz-25kHz	65Hz-25kHz	28Hz-150kHz	35Hz-150kHz
10-150 W	10-150 W	10-150 W	10-175W	-	-
89 dB	87 dB	86 dB	89 dB	-	-
8 ohms	8 ohms	8 ohms	8 ohms	-	-
2.400 Hz	2.400 Hz	2.200 Hz	2.600 Hz	-	-
6,5"	5,25"	3,5"	2 x 5,25"	10"	10"
-	-	-	-	-	-
1"	1"	1"	1"	-	-
-	-	-	-	650 W	250 W
330 x 210 x 265	271 x 183 x 225	205 x 133 x 126	160 x 406 x 225	388 x 372 x 420	357 x 372 x 415
6,3	4,6	2,1	7,0	14,1	14,6

A 26	A 25	A 23	A 225C	ASW 650	ASW 250
x	x	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	x	x



Again, the A-Series features a crossover design of the smarter kind. It divides the acoustic range so the right amount of acoustic energy comes from each driver. Evenly across the frequency spectrum and just as even when it comes to covering your listening space.

Like in a symphony, only the perfect composition of resistors, capacitors and inductors is able to deliver the full magic of sound. That's why, amongst other nips, we equipped the A-Series with low loss film capacitors and low distortion laminated silicon steel core inductors in all critical areas. Think that's pretty elaborate for this class of speakers? Well, you know the score.

Natural Dynamic Subwoofers

For the listener building a potent home theatre or just demanding the heavy authority of the lowest musical tones, the A-Series subwoofers deliver a tremendous energy.

Each model is designed around a 10" DCD magnet structure, a voice coil with generous thermal capacity and a stiff treated

pulp cone. Thanks to these self-amplified models, our engineers were able to add another smart feature: active electronics adds a fourth element to the design mix. Additionally, every Boston subwoofer includes Basstrac, a proprietary circuit that maximizes bass output while avoiding overload at the same time.

Consequently, these subwoofers can play loud and low all day without distress, delivering naturally dynamic audio.

Finally you should know about the two types of input connections that each subwoofer offers. The LFE (Low Frequency Effects) input is designed for use with electronics such as AV receivers with an own crossover control. It bypasses the subwoofer's own crossover control and is the perfect solution for home theatre set-ups.

The Left and Right inputs on the other hand serve ideally for all stereo systems, letting you control the crossover via the separate adjusting knob.

