





Our Story

Since 2010 Estelon is providing the most luxurious loudspeakers to the high-end community. Acoustic excellence through sophisticated engineering, as well as high-quality components, are combined in order to accommodate the brilliance of Estelon sound reproduction systems. Decades of knowledge and experience allow us to produce loudspeakers with a truly rich natural sound, creating an unimaginable musical experience.

The story of Estelon's chief designer and engineer started decades ago when at a very young age and while growing up in the Soviet era he began to dismantle radios and adjusted their components to improve the sound quality. He took his interest to the university, studying electro-acoustics in St Petersburg. This was the beginning of a journey that led to an important moment back in 2010 when engineer Alfred Vassilkov was having breakfast with his family.

"It was a lovely Sunday morning having breakfast with my family", Alfred recalls. "I had long held the ambition of

creating the world's best loudspeaker. I knew what the concept would be but instead of selling my idea to a company, I decided to build it on my own. Luckily, I already had the best key executives in my family, my daughters Alissa and Kristiina. That same evening we decided to set up the company."

Alfred was designing speakers for over 25 years before achieving his ambition. He always sought perfection and overcame challenges. Those experiences enabled him to develop technologies and seek materials to construct the most unique and innovative products. These were combined with inspiration from nature – the lush and expansive forest landscapes of Estonia in specific – creating the perfect balance between engineering and design.

The result is Estelon, one of the world's most luxurious speaker brands. It derives aesthetic and acoustic excellence through the merger of ingenious creativity and cutting-edge science. Each decision – from

engineering techniques to materials and components used in the manufacturing process – is made with the perfect harmony of the speakers as a whole in mind.

For Alfred, this flawless synergy is what an engineer strives for, in his creations. Every single detail is carefully considered, selected and tested during all stages of the production process. The result is a handcrafted masterpiece of beauty on the outside and the pinnacle of technology on the inside.

Estelon is today regarded as a leading innovator in the audio industry, having received multiple awards for its designs and technological innovations. Two times 'Innovation Award' in the Consumers Electronics Show (CES), and a prestigious 'Red Dot Design Award', are only the beginning of a very long list of achievements since 2010.

The company's loudspeakers are today proudly owned by some of the world's most eminent innovators and global leaders.



The Founder and Chief Designer of Estelon Alfred Vassilkov with his daughters and Co-Founders Alissa and Kristiina.

Our Technology

The Estelon loudspeakers are built with the highest standards in the industry. Each component is carefully chosen and repeatedly checked so we are confident that it meets the best quality for a perfect result.

DESIGN PHILOSOPHY

All Estelon products are produced in a similar fashion using the same general design and construction principles. Through Estelon's advanced and innovative engineering concepts, the loudspeakers form a synergy with the room and its acoustics to re-create an emotionally involving listening experience that exposes the soundstage and musical details of the recording, as it was meant to be heard.

In the design and construction process, it is crucial to consider room and environmental acoustics. All listening rooms have walls, floors, ceilings, furniture, and various décor and treatments which affect the

listening experience. Together with the loudspeaker, they participate in acoustical sound reproduction. The goal of the loudspeaker, and the associated system electronics, is to create a life-like (live) and engaging musical experience.

CABINET MATERIALS

Estelon engineering took many years of research and testing to find the right material that would allow the highest quality of cabinet and construction for the loudspeaker's acoustically engineered complex shape. We developed a proprietary marble-based composite material and special moulding technology to be able to make cabinets with such advanced surface geometry, inside and out. The combination of the high-density, solid mass of the moulded marble-based composite and the purposeful shapes, and various internal chambers, results in characteristics that allow for close to perfect acoustical properties. The

cabinet is extremely rigid, highly dense, resonant-free, and with exceptional internal dampening and acoustical control.

DRIVERS

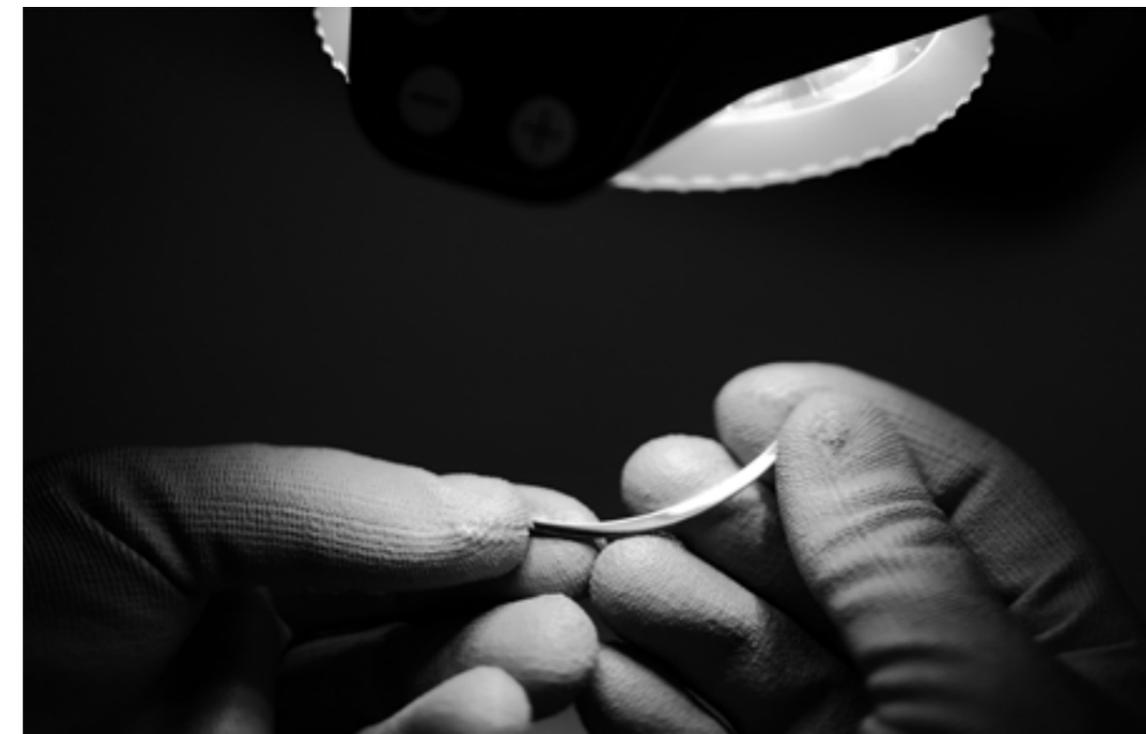
The Estelon X-Series loudspeakers, as well as the Flagship models, use drivers from the German company Thiel & Partner. They have been producing and distributing high-quality drivers made of stiff membrane materials such as ceramics, CVD-diamond and aluminium, under the accuton® brand since 1994.

Our YB Mk II model is using driver elements from SEAS and Scan-Speak. The Scan-Speak Revelator mid-range driver is well known for its sliced paper cone technology. The 1" compact beryllium tweeter is characterized by great stiffness, light weight and high damping. The SEAS stiff aluminium cone gives tremendous bass precision. The cone and the low loss rubber

surround show no sign of the familiar 500-1500 Hz cone edge resonance and distortion associated with soft cones.

CROSSOVERS

Countless hours of R&D and real-world listening tests have been conducted of each crossover design and related parts, right down to the physical placement of each part and positioning within the cabinet. The crossover components have been chosen from among the absolute best available, with the synergy of the end result as a significant factor. All filter components are pre-measured and sorted to extremely tight tolerances before being used in the crossover production. To maintain the smallest of details in the audio signal we use direct wire connection between the components and point-to-point techniques. Everything is hand-soldered with high-quality solder, and with the shortest possible cable runs between drivers, crossover and our custom connector.



AURA

The new era for Estelon is here with an innovative design that brings an unparalleled audio experience

ESTELON AURA

The Estelon AURA loudspeaker is designed and constructed by taking into consideration the environmental acoustics of the real-life listening spaces. It provides an immersive and captivating audio experience like no other among speakers of this size. To achieve this, AURA has been designed with meticulous attention to detail, incorporating cutting-edge technology and unique features that set it apart from other loudspeakers in the market.

One of the standout features of the AURA is its distinctive shape, which not only adds to its aesthetic appeal but also serves a functional purpose. The design is technically sophisticated,

allowing for the incorporation of a powerful 10" woofer in the base of the loudspeaker. This enables the reproduction of rich, smooth bass that is sure to impress even the most discerning audiophiles. The wide and coherent soundstage gives the impression to the listeners that they are always in the sweet spot, regardless of their position in the room.

Overall, AURA is more than just a loudspeaker; it's a work of art that combines form and function to provide an unparalleled audio experience. With its unique design and advanced technology, AURA is sure to be a game-changer in the audiophile world.





ESTELON CLASSICS

The core of our collection, now upgraded
in Mk II versions

ESTELON YB

A FLAWLESS SYNERGY OF RICH LIFE-LIKE SOUND AND ELEGANT DESIGN

The distinctive style of YB Mk II may be a masterpiece of sleek design, as with all the Estelon products, but it is also a triumph of “form follows function”. With an emphasis on lines and surfaces, as opposed to the X-Series’ organic curves, the resulting Y shape, from which the YB name derives, is obtained by the system’s asymmetric driver positioning.

The newly upgraded YB Mk II contains new crossover and cabling and it’s now coming in the same marble based composite cabinet for a quality of sound that immerses the listener in both the technical brilliance and the emotional ebb and flow of the audio experience.



reddot award 2017
winner

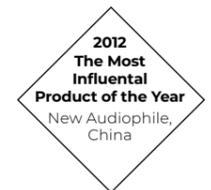


ESTELON XC

HIGH-RESOLUTION PERFORMANCE THAT'S SMALL IN SCALE, NOT IN AMBITION

The XC Mk II delivers our signature depth and breadth of sound quality in the form of a less lofty, but no less stylish, full-range monitor. Inspired by the development of our legacy XA speaker, the XC Mk II is a stand-mount design, produced to the same industry-leading standards as our floor-standing collection.

The new Estelon XC Mk II is the ideal choice for listening spaces in which the rest of our X Series could prove to be excessive. It now comes with a newly redesigned integrated stand plus upgraded crossover and cabling for a high-resolution performance that's small in scale but not in ambition.



ESTELON XC DIAMOND

ULTIMATE SOUNDSTAGE, IMPECCABLE AESTHETICS

The XC Diamond Mk II provides the Estelon ultimate soundstage in the most elegant way through its impeccable aesthetics. Its whole is far greater than the sum of its parts, combining our meticulous attention to technological details with 'head-turning' stunning looks.

The upgraded XC Diamond Mk II performs in the widest frequency spectrum through the new diamond tweeter that eliminates any trace of distortion. New integrated stand, new crossover, and new cabling, all contribute to absolute neutrality and a life-like 3D presence in an authentic reproduction experience.





ESTELON XB

EXCEPTIONAL PERFORMANCE FOR MORE COMPACT ENVIRONMENTS

The Estelon XB Mk II shares its predecessor's qualities of impeccable audio reproduction, along with the curved-sculptural styling that is tailored to excel in a smaller listening environment. It remains true to the X-Series' expansive soundscape delivering a precise performance.

The upgraded XB Mk II sports a redesigned crossover network, along with new cabling, that assist in the refined balance, crystal-clear clarity, and the most accurate reproduction. The perfect speaker system for those seeking to experience thrilling sound throughout the whole frequency spectrum.

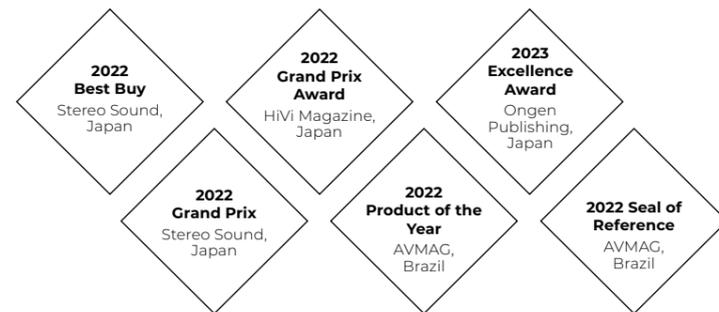


ESTELON XB DIAMOND

OUTSTANDING PERFORMANCE COMBINING THE
BEST IN SOUND AND DESIGN

The new XB Diamond Mk II is the closest alternative to the X Diamond Mk II, which performs outstandingly in smaller listening spaces. The new XB Diamond Mk II combines the best in sound and design, which is the hallmark of Estelon products.

The XB Diamond Mk II features a 1" diamond tweeter, along with new cabling and a top-of-the-line crossover, that deliver extended high frequencies for a smooth and a resonant-free acoustic experience. The XB Diamond Mk II will intensify the fidelity through its transparency, precision, and the unprecedented detailed reproduction.





ESTELON X DIAMOND

UNRIVALLED MUSICALITY, SUPERIOR PRECISION

The graceful exterior of the new X Diamond Mk II boasts the same sweeping silhouette as its predecessor; however, its soaring cabinet houses a host of technological developments resulting in one of the most sophisticated full-range speakers on the market.

The X Diamond Mk II system's engineering advancements include a new ultra-hard diamond tweeter and a new crossover network with improved components for wider dynamic range and transparency. The X Diamond Mk II incorporates new cabling that contributes to an exhilarating audio experience.





FLAGSHIP

Our most exclusive, limitless series

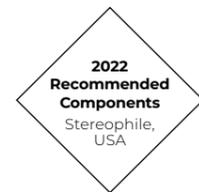
ESTELON FORZA

TIMELESS DESIGN, POWERFUL PERFORMANCE

The Estelon Forza is a much-awaited addition to the Estelon flagship series. Standing at nearly 1.7 metres in height, the elegant design of the Forza features the very best of what Estelon has to offer - the perfect synergy between aesthetics and engineering. Using only the materials and components best suited for this model and manufacturing it with the greatest detail, the Forza brings music to life. With a sleek design composed

of a single cabinet, the Forza is just a bit smaller in size than the Estelon Extreme.

Forza, as the name already suggests, is full of unimaginable refined power. As the electric current passes through the driver elements, the Forza becomes alive. Every nuance dances through the air creating a realistic soundstage and fills the listener with rich emotions. The Forza is bound to impress everybody.



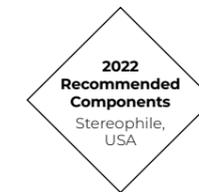


ESTELON FORZA

ANNIVERSARY EDITION

The Estelon Forza, which personifies technologies trickled-down from the Extreme (Estelon's ultimate flagship model), was introduced in 2019 and has already received much worldwide recognition and numerous awards. Estelon is now releasing a special Anniversary Edition that is limited

in production to a total of 10 pairs. It features a combination of Black Pearl Gloss and Gold accents highlighting its elegant curves, presenting a truly luxurious finish. Furthermore, the connectors' panel features the designer's, Alfred Vassilkov, signature.



ESTELON EXTREME MK II

ULTIMATE SOUND QUALITY, A WORK OF ART

By elevating the act of listening to new heights, Estelon delivers an audio experience like no other. At the forefront of this sound revolution is our signature speaker – Extreme. The system comprises an upper and a lower module, with the former fully adjustable to best suit a room's acoustic attributes and the listener's personal preferences.

With its soaring, handcrafted cabinet and sleek two-tone finish, the speaker system is a statement piece, but one that doesn't need to shout about its achievements. Indeed, the Extreme has been designed to perform a smart disappearing act when in use: instead of having your ear drawn to the speaker, the listener is immersed in sound, experiencing music afresh in all of its nuanced splendor.





ESTELON EXTREME MK II

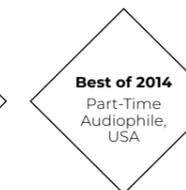
LIMITED EDITION

OUR FLAGSHIP MASTERPIECE INSPIRED BY
ROLLS-ROYCE DESIGN

A harmonious blend of form and function, every element of the Extreme has but one objective: to produce an unparalleled immersive experience. This pursuit of excellence is a goal shared by many but achieved by only a select few – a fact that inspired Estelon Founder and Chief Designer Alfred Vassilkov to create the Estelon Extreme Limited Edition, inspired by Rolls-Royce's rich heritage of exceptional engineering and iconic design. Standing at two meters in height and capable of adjusting to the exact dimensions of its environment, the

Extreme Limited Edition combines sculptural elegance with a quality and authenticity of performance that is second to none.

The Limited Edition is finished in Dark Silver metallic paint and features hand-polished stainless-steel rims, which encircle each of the system's drivers. Produced in strictly limited numbers, each speaker is personally signed by Estelon's founder and Chief Designer Alfred Vassilkov, pinpointing the degree of detail that underscores this exceptional speaker system.



Technical Specifications

	AURA 3-way passive speaker, sealed box	Estelon YB Mk II 3-way passive speaker, sealed box	Estelon XC Mk II 2-way passive loudspeaker, bass reflex	Estelon XC Diamond Mk II 2-way passive loudspeaker, bass reflex	Estelon XB Mk II 3-way passive loudspeaker, bass reflex	Estelon XB Diamond Mk II 3-way passive loudspeaker, bass reflex	Estelon X Diamond Mk II 3-way passive loudspeaker, bass reflex	Estelon Forza / Forza Anniversary Edition 4-way passive loudspeaker, sealed box	Estelon Extreme Mk II / Estelon Extreme Mk II Limited Edition 4-way passive loudspeaker, bass reflex
TYPE:									
Recommended room size:	15–60 m ² (161–646 ft ²)	16–45 m ² (170–480 ft ²)	16–45 m ² (172–485 ft ²)	16–45 m ² (172–485 ft ²)	25–50 m ² (270–540 ft ²)	25–50 m ² (270–540 ft ²)	25–80 m ² (270–860 ft ²)	40–125 m ² (430–1345 ft ²)	50–200 m ² (530–2150 ft ²)
Height:	1366 mm (53.7")	1260 mm (49.5")	1260 mm (49.5")	1260 mm (49.5")	1260 mm (49.5")	1260 mm (49.5")	1370 mm (54")	1675 mm (66")	1770–2070 mm (69.7"–81.5") / adjustable
Width:	384 mm (15.1")	332 mm (13")	332 mm (13")	332 mm (13")	420 mm (16.5")	420 mm (16.5")	450 mm (17.5")	617 mm (24")	690 mm (27.2")
Depth:	367 mm (14.4")	394 mm (15.5")	394 mm (15.5")	394 mm (15.5")	590 mm (23")	590 mm (23")	640 mm (25")	682 mm (27")	820 mm (33.3")
Weight (per speaker):	34 kg (75 lbs.) per piece	45 kg (99 lbs.) per piece	49 kg (108 lbs.) per piece	49 kg (108 lbs.) per piece	69 kg (150 lbs.) per piece	69 kg (150 lbs.) per piece	86 kg (190 lbs.) per piece	150 kg (330 lbs.) per piece	250 kg (551 lbs.) per piece
Woofers:	250 mm (10") Faisal, semi-pressed paper cone	220 mm (8") SEAS, aluminium cone	-	-	220 mm (8.7") Accuton, ceramic sandwich dome	220 mm (8.7") Accuton, ceramic sandwich dome	280 mm (11") Accuton, ceramic sandwich dome	2 x 250 mm (11") CELL Aluminium Sandwich Accuton (custom design)	2 x 250 mm (11") CELL aluminium sandwich from Accuton (custom design)
Mid-woofers:	2 x 130 mm (5") Satori, Egyptian Papyrus cone	148 mm (5.8") Scan-Speak, sliced paper cone "Revelator"	2 x 173 mm (7") Accuton, ceramic membrane	2 x 173 mm (7") Accuton, ceramic membrane	158 mm (6.25") Accuton, ceramic membrane	158 mm (6.25") Accuton, ceramic membrane	173 mm (7") Accuton, ceramic membrane	190 mm (8") CELL Aluminium Sandwich Accuton (custom design)	250 mm (11") CELL aluminium sandwich from Accuton (custom design)
Midrange:	-	-	-	-	-	-	-	168 mm (7") CELL Ceramic Accuton	168 mm (7") CELL ceramic membrane from Accuton
Tweeters:	26 mm (1") Scan-Speak, textile dome "Illuminator"	25 mm (1") Scan-Speak, beryllium dome "Illuminator"	25 mm (1") Accuton, ceramic inverted dome	25 mm (1") Accuton, diamond inverted dome	25 mm (1") Accuton, ceramic inverted dome	25 mm (1") Accuton, diamond inverted dome	25 mm (1") Accuton, diamond inverted dome	25 mm (1") CELL Diamond Accuton	25 mm (1") CELL diamond from Accuton
Frequency response:	35–25 000 Hz	30–40 000 Hz	45–30 000 Hz	45–60 000 Hz	22–30 000 Hz	22–60 000 Hz	22–60 000 Hz	25–60 000 Hz	25–60 000 Hz
Power rating:	200 W	150 W	150 W	150 W	150 W	150 W	200 W	400 W	500 W
Nominal impedance:	4 Ω (min 2 Ω at 58 Hz)	6 Ω (min 3 Ω at 52 Hz)	8 Ω (min 4.9 Ω at 3.4 kHz)	8 Ω (min 4.9 Ω at 3.4 kHz)	6 Ω (min 3,1 Ω at 51 Hz)	6 Ω (min 3,1 Ω at 51 Hz)	6 Ω (min 3,8 Ω at 55 Hz)	3 Ω (min 1.7 Ω at 125 Hz)	3 Ω (min 2.0 Ω at 95 Hz)
Sensitivity:	90 dB / 2,83 V	86 dB / 2,83 V	91 dB / 2,83 V	91 dB / 2,83 V	87 dB / 2,83 V	87 dB / 2,83 V	88 dB / 2,83 V	90 dB / 2,83 V	91 dB / 2,83 V
Minimal amplifier power:	30 W	30 W	20 W	20 W	30 W	30 W	20 W	20 W	20 W
Internal wiring:	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna	Kubala-Sosna
Cabinet material:	Thermoformed composite	Marble based composite	Marble based composite	Marble based composite	Marble based composite	Marble based composite	Marble based composite	Marble based composite	Marble based composite



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