

# Product Overview



# About ELAC



## Audio Fascination

Hear the silence. See with closed eyes. Become one with the music. Have the best seat in the concert hall. Front row tickets. Feel the music. Totally immerse yourself in it. Share our fascination with sound - ELAC.

## Proprietary Technologies

Technological leadership is not something you need to discuss; you simply have to hear it. ELAC products have won numerous awards worldwide, and with good reason. Whether it's our Jet Tweeter or bass driver with crystal membrane, you'll find the knowledge and skill of our experienced and ingenious engineers in every ELAC loudspeaker.



Mission Statement

„Passion for music - ELAC brings it to life.“



### Passion for Quality

Finest German Engineering - call us conservative, but quality is more than just a word to us. It is our passion. That is why no speaker leaves the ELAC factory without thorough German approval.

### ELAC Moments

The sound from ELAC loudspeakers recreates unique moments, inspires fascination and leaves a lasting impression.



### Experience

Music makes us feel truly alive. Brings back memories. Inspires and exhilarates us. Comforts and relaxes us. We understand that and we feel the same way. That's why we build loudspeakers for aficionados. We have the right model for everyone.

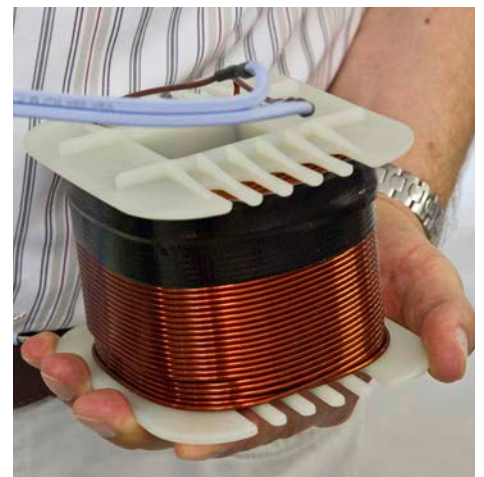


### Heritage

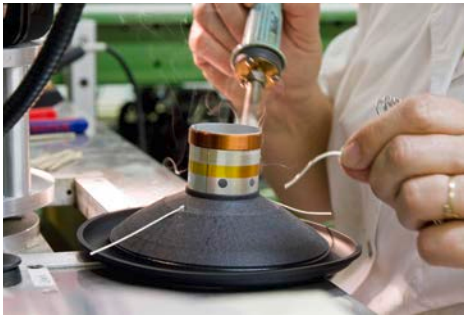
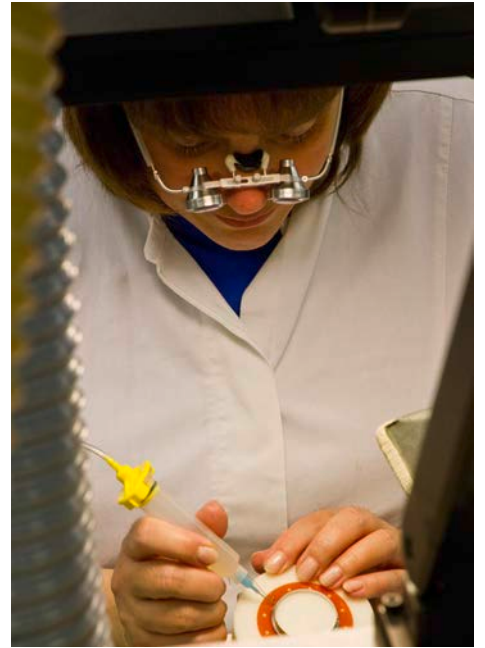
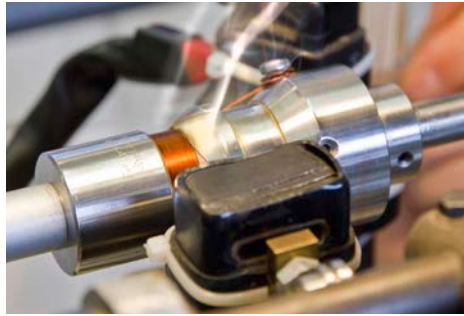
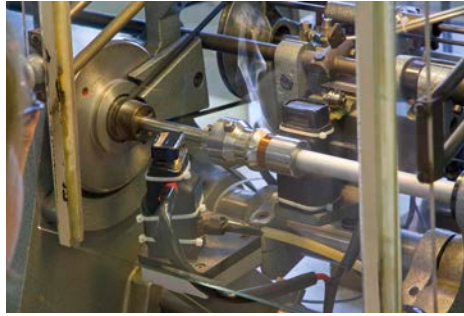
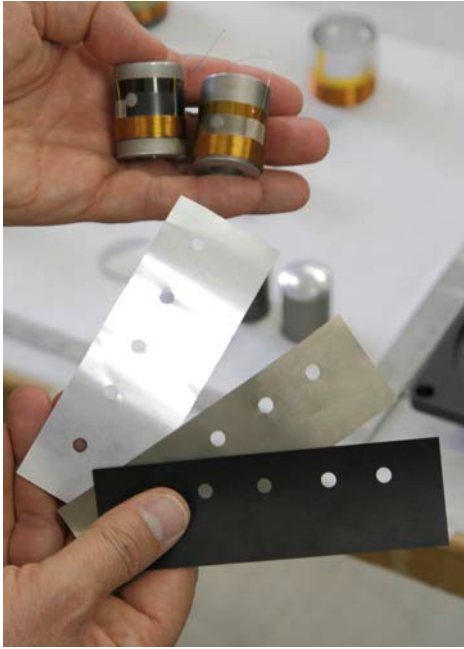
When we started in 1926, we wanted to achieve the very best. This holds true as much today as it did back then.



# Manufacture









## Line 500 VX-JET

It can sometimes be hard to find something truly exceptional ... but this time it couldn't be easier.

Thanks to its peerless design, the 500 line delivers an exceptional performance time and again.

Visually unassuming but packing a powerful punch, the greatest innovation of the 500 line is the ELAC VX-JET. The acclaimed ELAC X-JET drive unit, which combines the renowned JET tweeter with a ring radiator midrange driver in a concentric arrangement, provides the foundation. What sets it apart is the variable X-JET suspension, hence the designation VX-JET.

- This diagram illustrates how VX-JET technology enables adjustment of the optimal listening area (GREEN) in a room.

Coloured areas in the graphic:

RED: dominant direct sound.

GREEN: natural balance between direct and reflected sound.

BLUE: dominant reflected sound.





The thinking behind this drive unit draws from the fact that every room presents different acoustic characteristics and that the same loudspeaker will produce different results from one room to another. A mechanism on the rear of the loudspeaker allows for stepless adjustment of the entire drive unit by up to 8 mm in front of and behind the front baffle.

By changing the position of the VX-JET, it is possible to influence the sound dispersion characteristics in the middle to high-frequency range. This not only alters the tonal balance, but also the relationship between direct and diffuse sound arriving at the listening position. As a result, the VX-JET makes it possible for the first time to create a uniform and precisely etched three-dimensional sound stage in different rooms and at varying listening distances.



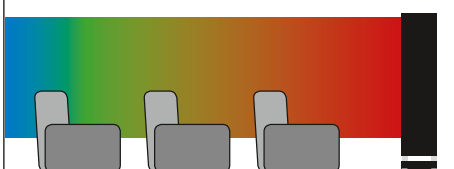
In the 500 line, three models combine the innovative VX-JET with every conceivable refinement that marks out a loudspeaker of true distinction. From painstakingly crafted bass and mid-range drivers to the finest crossover components and beautifully finished cabinets – wherever you look, you'll find our passion for detail! And why do we do it? To create an audio experience, to bring dynamics to life and to turn precision into fascination!

The Line 500: Fascination through innovation

- ◀ Detail of crossover components.
- ◀ Aluminum die cast frame from a speaker driver.



VX-JET behind the baffle



VX-JET in neutral position

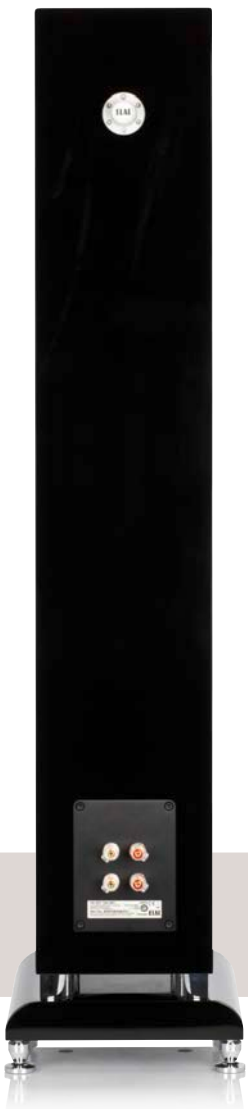


VX-JET in front of the baffle



All speaker drivers are equipped with an aluminium die cast frame.

One look at the choice of crossover components will banish the last remaining doubts. High grade, neutral-sounding air coils and film capacitors manage the assignment of the different frequency bands to guarantee maximum transparency and a richly detailed sound.



▲ *Standard in the 500 line*  
*Bi-wiring terminals mounted on a solid aluminium plate with high-quality jumper cables.*



◀ *Metal Grille and Ultimate Spike*



#### CC 501 VX-JET

There's no doubt about it: When it comes to creating the ultimate multi-channel setup, the CC 501 VX-JET is the loudspeaker of choice. It creates a surround sound environment that seems to blur the lines between what's real and what's imagined.



When there's no room for compromise



#### FS 507 VX-JET

Combining innovation and elegance like almost no other loudspeaker. No matter where you position the FS 507 VX-JET ... it will take your heart by storm! From the deepest lows to the airiest highs, it creates a breath-taking listening experience.



#### FS 509 VX-JET

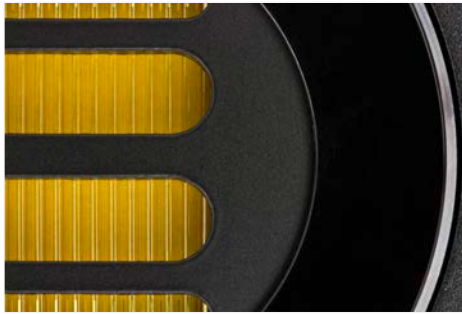
It knows no limits: The FS 509 VX-JET reproduces even the most challenging musical material with unprecedented authority, irrespective of room size. Listening pleasure increases with every bar and even the wildest dreams become reality.



## Line 400

From the first inspiration to the finished product, the development of the 400 line was driven by one idea only: a desire to deliver more!





▲ **JET 5**  
*The fifth-generation ELAC JET*

The complete line 400 is now available and the speakers sound every bit as good as they look.

The most striking acoustic innovation is the JET 5 tweeter, which makes its debut in this line of loudspeakers. Outwardly recognizable by its modified appearance, it converts electrical signals with even greater precision – virtually free of inertia. By combining it with a new simplified crossover, we have managed to improve high-frequency resolution.

The use of newly developed loudspeaker chassis enables performance in the low and mid-frequency range to match that of the JET 5 tweeter. Ensuring excellent signal fidelity at all volume settings and an even deeper bass response were at the very top of our list of priorities – and we have achieved these. The first models in the 400 line leave no doubt that a new benchmark has been set for loudspeakers in this class!

The 400 line is a striking illustration of how design and function can be seamlessly combined. Decorative aluminium elements transform the technical components of the loudspeakers into visual highlights and the Crossbar support system fitted to the floor-standing models provides an elegant – and extremely stable – foundation.

The new 400 line: Discover a new world of sound

- ▼ **Standard with Line 400**  
*Single-Wiring terminal mounted on a massive aluminium plate.*



- ▼ *A visual and acoustic highlight – down-firing with up-lifting design.*



- ▼ *An enlarged membrane surface area, spiders vented on both sides, special cone surrounds and an aluminium chassis – the new bass drivers guarantee unprecedented performance from compact cabinets.*





◀ *High power air coil in the FS 409  
1,200 g copper and  
Van den Hul connection cables*



▲ *BS 403 on the LS 70 II stand*



▲ *CC 400, Tobacco High Gloss*

#### CC 400

The new CC 400 proves convincingly that a center speaker is more than just one voice amongst many. It's not just the unifying element, but the lead performer in every respect – with an elegant appearance and a big sound.

#### BS 403

Although it marks the entry point into the 400 line, the compact dimensions of the BS 403 belie its exceptional capabilities. In small to medium-sized rooms, its extraordinary sound will leave even the most critical listeners enthralled!



Discover a new world of sound



#### FS 407

An elegantly proportioned floor-standing loudspeaker that is beautiful to behold. Yet the FS 407 can effortlessly recreate the sound of a concert hall, even in large rooms. The FS 407 loves music and you'll love the FS 407!

#### FS 409

A loudspeaker concept that could not be more traditional. The key element is the new midrange drive unit of the FS 409. Combined with the JET 5, it presents an open sound that incorporates the acoustic characteristics of the surrounding space while maintaining excellent resolution. Superior ... in every key and in every room.



# AIR-X

## Audiophile & Wireless

Introducing a unique combination of wireless functionality and superlative sound quality.

One concept, one wish, one solution: The new AIR-X system, consisting of active loudspeakers fitted with the AIR-X AMP amplifier unit and the AIR-X BASE station, ushers in a new era of music reproduction. The technology makes its debut in the award-winning Line 400 loudspeakers. The AIR-X 403 and AIR-X 407 are a powerful expression of the new system's capabilities – offering outstanding precision and thrilling dynamics, with not a cable in sight.

This is wireless audio redefined to the highest standard, with ultra-precise DSP technology matched with classic analog amplification in the AIR-X AMP to deliver an unrivaled listening experience. Just add your favorite music to bring everything seamlessly together.

Break free – stay connected: ELAC AIR-X



### Wireless & Audiophile

Lossless and uncompressed signal transmission meets Class A/B amplification: the AIR-X system is your guarantee of exceptional sound. The combined output of the AIR X AMP is 225 watts. Built-in DSP technology with 56-bit resolution allows for precise adjustments to the sound.

### Multizone & Multisource

The BASE acts as the central control unit of the AIR-X system and can connect an almost unlimited number of AIR-X loudspeakers. It can transmit up to four signals to three different zones. With the option to connect up to three BASE stations in a system, the possibilities are endless.



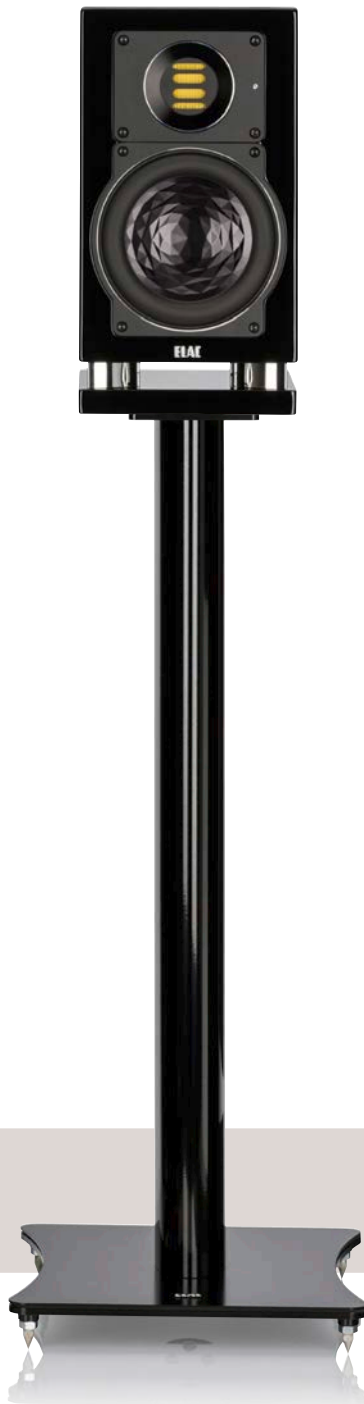


▲ AIR-X AMP



▲ AIR-X BASE

▶ Stand LS 30, optional



### AIR-X connections

Whether analog or digital – finding the right input on the AIR-X BASE is easy. Analog inputs on the AIR-X AMP also allow you to connect playback equipment in situations where wireless transmission is not desired.

### AIR-X 403

Currently the smallest model in the AIR-X systems, it proves beyond doubt the capabilities of a compact loudspeaker. Thanks to the integrated AIR-X AMP, it delivers a powerful performance across the entire frequency spectrum.

### AIR-X 407

In any position, the AIR-X 407 exceeds expectations ... with ease. It is a passionate performer that delights in revealing every musical nuance. With huge dynamic reserves on tap, it's also a perfect choice for larger rooms.



# Line 300

## BS 312

Looking back, it seems almost surreal. No-one could have predicted its subsequent success, but when the ELAC Elegant 305 first filled the room with sound 20 years ago, listeners closed their eyes and lost themselves in the music – and the intervening years have flown by.

Although the concept might not have been new, its implementation was impressively meticulous. A loudspeaker with ultra-compact dimensions that was both elegant and acoustically overwhelming. What sounds like an impossible dream has been a reality for 20 years ... and is now crowned with the new BS 312.

Design and sound aesthetics in perfect unity – the secret is aluminum. It guarantees high rigidity from low material thicknesses and makes unique cabinet shape possible. The almost complete absence of a front baffle allows the sound to radiate with total freedom. The audible result is room-filling, unfettered ... utterly captivating.

The multi-award-winning JET 5 tweeter and a new woofer specially developed for the BS 312 ensure that electric signals are flawlessly converted into a superlative audio experience. This perfect partnership endows the BS 312 with unprecedented precision and dynamics in any position – and in direct comparison to its predecessor.

◀ Actual size

▼ Detail of speaker grille



▼ Mono-wiring connection







## BS 314

It's now almost a legend and still something truly special after all these years.

Building on the concept of its smaller sister model, it was created in 1999 to meet demand for more performance. And everyone who heard it was immediately smitten. Now it's the turn of the latest version of this exceptional loudspeaker and it is beyond impressive.

Acoustic design is one way to describe the shape of the aluminum BS 314 cabinet. Although acoustic considerations take precedence over form, the end result is still a visual delight. By dispensing with a conventional front baffle, the BS 314 also possesses the same unique sonic character as the smaller BS 312 – in a nutshell, room-filling and open. The musicality of the BS 314 can be attributed to two exceptionally talented performers.

Incorporating every conceivable ELAC technology, the 180 mm woofer in its aluminum chassis guarantees a breathtaking performance in the low-frequency range – and that's without a subwoofer. In the high-frequency range, the JET 5 tweeter comes into play and yet again demonstrates its acoustic merits. Fans of technology will focus on features such as LLD, AS-XR and JET 5, while music lovers can simply savor the finest audio reproduction - dynamic with unbelievable control.

The BS 314 has no difficulty establishing its own identity while remaining true to its origins. Put aside your preconceptions and get to know these loudspeakers – an overwhelming experience awaits you.



- ◀ *Mono-wiring connection*
- ▶ *BS 314 on optional LS 40 stand*



## Line 260

Inner strengths – wrapped  
in a beautiful exterior

With their graceful curved cabinets, even the design of the loudspeakers in the Line 260 creates an impression of agility that is also reflected in their performance.

Equipped with the finest components available such as the JET 5, a crossover that makes exclusive use of air-core coils and foil capacitors, as well as Van den Hul cabling and magnetically fixed baffle covers, the Line 260 is the rightful successor to the celebrated Line 240 Black Edition.



- ◀ BS 263: Terminal
- ▼ FS 267: High Power Air Coil





A perfect pair



#### BS 263

Do not be deceived by the compact dimensions of the BS 263. Focus instead on its exceptionally grown-up sound! The fact that the cabinet is enlarged progressively towards the front baffle ensures that bass runs and counterpoint - even in the lowest registers - are effortlessly reproduced.



#### FS 267

As the slender sibling of the compact BS 263, the FS 267 with its convex curved cabinet typical of the 260 Line fits discreetly - almost organically - into every listening room. Close your eyes and embark on a journey...



# Line 240.2

It became the most successful loudspeaker line in our history and the one most highly acclaimed by the international hi-fi press. The Line 240 is a technical milestone, but more than this, an object of appreciation for all those who continue to enjoy it every day.

As the era of the Line 240 draws to a close, the new Line 240.2 marks the start of another. Inspired by a relentless desire to push the boundaries of technology, this new range delivers crystal clear sound. There's no need for nostalgia when the future sounds this exciting.



**CC 241.2**

As the focal point in a surround-sound system, the center speaker is undoubtedly its most important voice. So it's no surprise that a great deal of attention went into the development of the CC 241.2. The resulting sound perfectly complements every loudspeaker in the Line 240.2.

**BS 243.2**

A best-seller that guarantees fantastic sound: don't be fooled by its size as the BS 243.2 is an incredibly accomplished performer. Whether in a free-standing position on dedicated supports or on a shelf close to a wall – the BS 243.2 is a superb all-rounder.



## An unprecedented success



### ◀ JET 5

*The result of an unwavering conviction, it never fails to delight in every loudspeaker. Thanks to the acoustic precision and musical sensitivity of the JET 5, the Line 240.2 authentically reproduces even the highest frequencies, for elevated listening pleasure.*



BS 244.2

Often overlooked, but blessed with a voice that demands to be heard – these larger compact models are the perfect choice when it comes to delivering „even better“ sound in small spaces. Dynamics, bass extension, and precision: the BS 244.2 does it all thanks to its powerful 180 mm woofer.



FS 247.2

Although it appears discreet, slender, and unobtrusive, its acoustic properties are anything but. With an astonishingly refined yet detailed sound, this is a loudspeaker that you'll never tire of listening to.



FS 249.2

Based on a meticulously developed and successful concept, FS 249.2 is technically sophisticated but nevertheless very straightforward. By exercising masterful control over every frequency band, it offers deep and accurate bass, an authentic mid-range, and superb high-frequency resolution.



## Line 190

With the 190 line, the entry point into the world of the JET tweeter is gaining a new name ... and a new face.

Whether in black or white, the high-quality satin matte lacquer finish highlights the 190 line's contemporary style. But it's the drive units up front that reveal its true character. Black anodized aluminium membranes and matching colored JET tweeters leave no doubt as to the ultimate purpose of these beautifully designed loudspeakers: to deliver perfect sound!

The 190 line is designed for those who seek uncompromising audio quality. Once again, our world-renowned JET tweeter demonstrates in impressive style its effortless mastery of even the most complex audio signals. It is one of the few tweeters also capable of reproducing frequencies far above the upper limit of human hearing, which can significantly influence the audible sound.

Aluminium sandwich: the combination of two different materials used to create the woofer membranes. It guarantees accurate reproduction of sounds you want to feel as well as hear. In the compact cabinets of the 190 line, they lay the foundation for superior sound ... with deep bass.

Highly ambitious and with enormous potential – the 190 line is poised for a grand finale ... at home with you.

The Line 190: READY ... JET ... GO!

▼ *Black magic: Anodized aluminium-sandwich membranes not only look good, they also deliver exceptional sound.*



▼ *Hitting new lows – the down-firing system in the BS 192 and FS 197.*







Their time has come



#### BS 192

Audio addiction or a work of art: The BS 192 masterfully combines of appealing design and stunning sound quality. It excels in small and medium-sized rooms, either on a sideboard or in free-standing positions.

#### CC 191

Surround sound, the right way: Thanks to its JET tweeter and powerful woofer, the CC 191 creates a powerful sound stage even in large rooms, while remaining visually unobtrusive.

#### FS 197

It can and it will: The FS 197 captivates the listener in seconds, whether used in two-channel stereo or surround sound configurations! It does not shy away from loud volumes and can handle thundering crescendos or reveal the subtlest nuances with consummate ease.

# Line 70

Music is happy and joyful, sometimes melancholy, but comforting as well. Music is a powerful force that we can all tap into. Whenever we want to, whenever we need to. Music is surely one of life's most precious gifts.

ELAC's brand new Line 70 is designed to inspire – on many different levels. It's a celebration of musicality and virtuosity, with a focus on clarity. It promises a sound as unique as we are ourselves, like the music we choose. Like the moments that inspire us: vibrations that echo the past, while at the same time moving forwards into the future. Inspiring a fascination with the here and now. Our obsession with sound speaks volumes about the pride we take in our products. The tradition of technology at ELAC is your guarantee of first-class workmanship and reliability. However, the finest technology is never an end in itself, but merely a means of increasing your happiness – painstakingly, resolutely, using all the senses. The end result is the Line 70. With its beautiful matte satin finish. With pleasing dimensions that complement rather than dominate. With no superfluous details. Here, simplicity means clarity. In the best sense. Available in black or white, the range features simple colors and a design that concentrates on the essential. There's no need for anything more. Technology follows function. Creating vibrations that reach into the heart of the listener – that's our goal, and it requires an innate understanding and genuine artistry distilled from years of acquired expertise.



Configuration level:

▼ Subwoofer SUB 2030



## CC 71

Introducing a center speaker that understands its central role in a surround-sound setup. Designed to fit neatly under any television set, it never distracts from the on-screen action – except perhaps with its stunningly realistic reproduction of the human voice.

*Music is the language of passion.*

Richard Wagner



#### BS 72

Everyone knows that you don't need to be big to make your presence felt. The entry-level BS 72 is the perfect choice for that second system in a study, where lifelike sound is every bit as important.

The BS 73 base model is an excellent and versatile solution for those who regard music not merely as background entertainment, but as a treasured accompaniment to their everyday lives.

#### BS 73 FS 77

A floor-standing loudspeaker that is both elegant and slender, yet blessed with an extraordinarily rich sound. What more could you possibly want? Perhaps a long evening to explore the depth of its abilities? It's an experience you won't regret.

#### FS 78

Sometimes, ignorance is bliss. Do you really need to know how our technicians manage to extract such a huge sound from a small loudspeaker? Perhaps it's the special midrange driver that lends it such emotional impact? For sounds that don't just reach your ears, but also touch your soul.



# Cinema

For those who love the silver screen.



▲ **ELAC 301.2**  
*Available colors: white, silver, black; all in high gloss*



## ELAC 301.2

Probably the smallest hi-fi loudspeaker in the world. Thanks to its diminutive size, the ELAC 301.2 can easily be integrated into any living space – delivering expansive sound and unique tonal reproduction.

## Starlet

Hollywood without starlets? Unthinkable. Home cinema without Starlets? Conceivable, but what a loss! Despite their smaller dimensions, Starlet speakers ensure a resounding presentation for every great film, particularly when combined with ELAC subwoofers.

## Outstanding performers



▲ Cinema CM 24, can be placed on any flat surface or mounted horizontally on the wall



▲ Cinema CM 24 mounted vertically on a wall

▲ Cinema Pipe with glass design base

### Cinema 2 SAT

Satellite for orbital positions: surround systems conquer space in all its dimensions with the Cinema 2 SAT. With an ELAC subwoofer and the wide-dispersion Cinema XL Center at the heart of the home cinema galaxy, the Cinema 2 SAT turns viewers into space travellers. Available in silver or black anodized aluminium cabinets, this satellite system also looks the part.

### Cinema XL Center

### Cinema CM 24

The *magic flute* of ELAC loudspeakers: the Cinema Pipe with its slender, upright form demonstrates pure elegance, designed for equally elegant flat screens. It is a loudspeaker which gives free reign to Mozart's *Queen of the Night* even at her very highest notes.

### Cinema Pipe

# Loudspeaker Sets

## 2.1 MicroMagic Stereo-Set



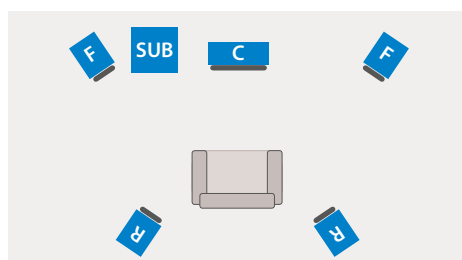
If you think you need big loudspeakers and lots of equipment to experience great sound, think again.

The 2.1 MicroMagic Stereo Set combines two exceptional products, the SUB 2010.2 and the 301.2 – both of which are developed and manufactured in Germany. It delivers an overwhelming listening experience ... with minimum fuss and maximum convenience from an award-winning design.

The two satellite loudspeakers are just 12 cm high while the subwoofer tops out at a mere 21.8 cm. Thanks to the electronics integrated into the subwoofer, this compact combination is a fully functional hi-fi system that's only missing one thing: your music!

## Custom Sets

Tip: Customize your



Graphics: 5.1 Set individually  
Subwoofer + Center + Front + Rear

No two auditioning rooms are the same. For this reason, ELAC's surround sets also allow you to customize your setup using individual components from the respective line.

The center speaker is the heart of a quality surround-sound setup. Bookshelf or floor-standing loudspeakers provide perfect support. A subwoofer adds low-end power to complete the setup.





## A kind of magic



Looking good comes naturally to the 2.1 MicroMagic Stereo Set. Its ultra-compact dimensions make it easy to position in virtually any application ... and it always hits the right notes.

From silky highs to the thrilling midrange and the deepest bass, this dynamic performer will capture the heart of every listener – and it's the perfect partner for any TV. Don't be deceived by its petite dimensions, the 2.1 MicroMagic Stereo Set can deliver a thrilling performance even in larger rooms.



The 2.1 MicroMagic Stereo Set is designed to offer exceptional flexibility.

Connectivity – analog and digital inputs allow connection of one or more playback devices, while a USB input supports direct connection of a PC/Mac. With optional wireless solutions also available, this set offers numerous connection options and rules nothing out.

Customization – a wide range of possible settings allows the sound to be perfectly adjusted for every acoustic environment.

Comprehensive – the optional accessories (desktop stand, loudspeaker stand) ensure correct placement of the 301.2 satellites almost anywhere.



stereo or surround set individually !



# Subwoofers



## MicroSUB 2010.2

The MicroSUB 2010.2 demonstrates in impressive style that sound quality doesn't necessarily depend on the physical size of the audio source. It reproduces room-shaking bass with incredible lightness and precision. Thanks to the built-in multi-channel amplifier, the MicroSUB 2010.2 also powers two connected satellite speakers. In this configuration, it creates a 2.1 system with excellent sound quality.



(MicroSub 2010.2)

If you want that little bit extra



356 mm

### SUB 111.2 ESP

The workhorse of the ELAC subwoofers: extremely versatile and equipped with ESP technology to protect against overloading, the SUB 111.2 ESP provides loyal and reliable service. Recommended as bass reinforcement for the 70 and Cinema lines, the SUB 111.2 ESP has proven its value for many years as a popular entry-level model of the ELAC subwoofer range.

### SUB 2040 ESP

The SUB 2040 ESP vibrates the air, not the cabinet. The sound of the SUB 2040 ESP can be adjusted to suit the most varied physical surroundings. It plays to its strengths particularly when combined with loudspeakers from the Lines 180 and 240, thanks to the specially configured loudspeaker chassis units. Clear, accurate and powerful – a real bass powerhouse.

### SUB 2030

Deep and dry, this is the sound of the SUB 2030 – just as it should be from a closed box subwoofer with a 25 cm driver. Particularly recommended for 190, 70 and Cinema loudspeakers.



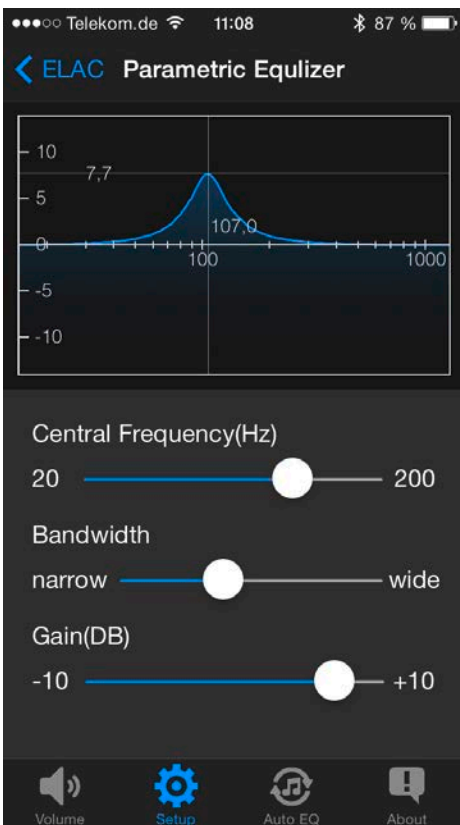
# Subwoofer with BLE control

Just how smart can a subwoofer be?

Surprisingly smart as it turns out from the two new models we are about to launch. What do they share in common? An intuitive but comprehensive app-based control interface. Simply pair your iPhone, iPad or an Android device with the new ELAC subwoofers and adjust the sound to your preferences. The ELAC app required can be downloaded free of charge. Now what is really clever about the system is that there are no complicated network connections necessary as subwoofer and mobile device communicate directly via BLE (Bluetooth Low Energy).

For users, this means no more fiddly adjustments at the rear of the subwoofer – for instance, if you want more bass for a movie evening. Or if you want to avoid disturbing the neighbors at the dead of night. Four preset modes can be selected at the touch of a finger: Normal, Music, Cinema, and Night. Those who want to explore the possibilities of the app control system further will discover genuine pro-audio options such as a parametric equalizer, a low-pass filter, and individual settings for power-saving auto-on function. However, perhaps the most exciting option is the calibration function, which uses the microphone on your smartphone to listen to the volume, frequency response and sound reflections in the room before automatically optimizing the sound of your ELAC subwoofer.

The new ELAC subwoofers can be connected directly using loudspeaker cables (left, center, right) or stereo RCA cables. And if you prefer to dispense with wires altogether, the new high-performance subwoofers are equipped with an ELAC Wireless Interface for wireless music streaming.



◀ *Push-Pull*  
Sight inward SUB 2070.

- ▼ **ELAC Wireless Set Stereo**  
*The Audio signal is transmitted losslessly (CD quality) from the transmitter to the receiver. Plug & Play through the accessory kit*





#### SUB 2050

The smallest model is the SUB 2050 – an extremely compact subwoofer, but equipped with a large 300 mm chassis and a class-D amplifier rated at 500 watts (434 x 380 x 380 mm).



#### SUB 2070

Scarcely any bigger but using a push-pull arrangement with opposing 250 mm membranes connected to one another by a solid shaft – the SUB 2070 is rated at 600 watts (468 x 360 x 385 mm).

# Custom Install

The (almost) invisible speakers



- ◀ *Plaster frame for installation of in-wall loudspeakers in solid walls*
- ▶ *Flush-mounting frame – wooden frame for installing in-wall loudspeakers*





# In-wall loudspeakers



▲ IC 1010  
Side view of in-wall loudspeaker

## IC 1010

It feels like the walls themselves are singing with ELAC's custom install loudspeakers. They can be discreetly integrated in room walls or ceilings - unseen, but not unheard.

The smallest of its kind at ELAC, the IC 1010 performs to hi-fi standards, creating a sound that appears to come from nowhere.



▲ IW 1130, IW 1230  
Side view of in-wall loudspeaker

## IW 1130

Looking to expand the team? The IW 1130 and IW 1230 are the ideal audio additions to any home cinema system. The IW 1130 reinforces the 70 line. The IW 1230 matches well with the 190, 240.2 and 300 lines.

## IW 1230

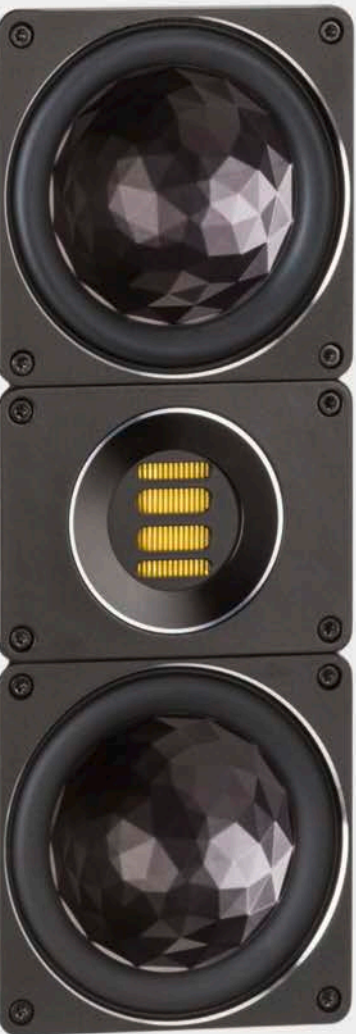
# On-wall

## Wall-mounted loudspeakers

Introducing the composed, contemporary elegance of ELAC's on-wall line.

Here, the emphasis is on effortless mastery in the finest Northern German tradition. This is where form follows function, where the focus is not on corners and edges, but solely on technical necessities and the finest drive units of this size we've ever produced. An impressive woofer that is currently making people all over the world sit up and listen in the BS 312, and a Jet 5 tweeter whose outstanding test results across various models are a hot topic of discussion on blogs and web forums.

It's time to create your very own "wall of sound".



▲ WS 1665  
*Horizontal orientation*

# Putting music on the wall



- ◀ WS 1645 rear side with terminal and three different wall-mounting options
- ◀ Bass reflex tube in the WS 1645 (two in the WS 1665)



## WS 1425

A compact model for discreet integration in any room. This coaxial loudspeaker featuring the drive unit from the successful ELAC 301.2 not only oozes visual appeal, but truly brings music to life.

## WS 1645

Flexibility is the new mantra of our time. With drive units that have already attracted worldwide acclaim in the BS 312, this model offers astonishing bass extension thanks to special bass reflex tuning. Now also available in a cabinet that guarantees flexibility.

## WS 1665

If you're looking for a more expansive sound, you'll be amazed at the astonishing performance of this unique model. A floor-standing model that's designed for the wall, the WS 1665 is an audiophile solution without the usual positioning problems.



# 4Pi Plus.2

## Ribbon tweeter

Experience something totally unique every time you press play. Unlike conventional tweeter designs, the 4Pi Plus.2 fully integrates the space behind the loudspeakers into the acoustic experience.

This makes the 4Pi Plus.2 tweeter the perfect addition to high-quality loudspeakers. It enables the sound to break free from the loudspeakers and fill the entire room – so you're literally immersed in the music.



Equipped with flexible options for adjusting sensitivity and the lower cutoff frequency, the 4Pi Plus.2 can be seamlessly integrated with virtually any loudspeaker.

From gentle enhancement to subtle dominance – it's all a matter of personal preference.

The ultimate winner is always the sound.



# Accessories



- ◀ **Speaker stand LS 40**  
High Gloss Black  
Can be used with: BS 314  
Height incl. Spikes: 700 mm  
Base (W x D): 285 x 345 mm



- ▶ **Desktop stand 301.2**  
Silver High Gloss, Black High Gloss;  
compatible with: ELAC 301.2 and 301.2 XL



- ◀ **Speaker stand LS 30**  
High Gloss Black, Silk Matt Black, High Gloss White  
Can be used with: BS 312, BS 243.2, BS 244.2, BS 192  
and other compact loudspeakers  
Height incl. Spikes: 700 mm  
Base (W x D): 270 x 330 mm



- ▶ **Ultimate Spike Set**  
Metal, High Gloss Chrome. Thread: M8  
Can be used with: 200, 240.2, 400 and 500 lines



- ◀ **Speaker stand Cinema LS stand**  
High Gloss Black, High Gloss White, Silver finish  
Can be used with: ELAC 301.2 (not 301.2 XL),  
Starlet and Cinema 2 SAT

- ▼ **Bluetooth® Receiver Stereo**  
Turn any ELAC active loudspeaker into a wireless music system in one easy step with the ELAC Wireless Interface! For other active loudspeakers ... it takes just six steps more!



- ▼ **ELAC Wireless Set Stereo**  
The Audio signal is transmitted losslessly (CD quality) from the transmitter to the receiver. Plug & Play through the accessory kit



- ▼ **D/A converter, optical, stereo**  
For connecting active loudspeakers, preamplifiers (or integrated amplifiers) without optical digital input to sources with only optical digital output, e.g. TFT flat screen TV's



# Custom Colors

ELAC loudspeakers always hit the right notes. And thanks to our custom lacquer finishes, they can now satisfy even the most exotic tastes.

Got a particular color in mind? Specify a RAL color number or the manufacturer's name for a paint and we'd be delighted to provide you with an individual quote.

With a customized ELAC loudspeaker, you're not just showing your true colors. You're also enjoying the ultimate in sound reproduction – guaranteed. That's because every ELAC loudspeaker undergoes the same stringent quality checks to ensure that your loudspeakers not only look great, but sound fantastic.

◀ *FS 409, Grabber Blue*

▼ *CC 401, Tobacco*

▼ *BS 244, Titan Shadow*





## Option: Loudspeakers in your chosen color



▲ FS 507 VX-JET, Kawasaki® Lime Green

▼ FS 247, Hazelnut Brown

▲ BS 244, Saffron Yellow    BS 244 BE, Ferrari® Red ▲

▼ FS 247, Pearl Ruby Red

▲ FS 407, Sepang Blue    FS 407, Orange Flame ▲

▼ FS 247, Signal Red



# Technical specifications



	<b>FS 509 VX-JET</b>	<b>FS 507 VX-JET</b>
Height x Width x Depth	1,373 x 320 x 466 mm	1,198 x 280 x 413 mm
Weight	57.2 kg	37 kg
Type	4-Way, bass reflex	3½-Way, bass reflex
Woofer	2 x 220 mm Ø, AS-XR cone	2 x 180 mm Ø, AS-XR cone
Midrange	1 x 180 mm Ø, AS-XR cone, LLD 1 x 50 mm / 105 mm Ø, AS-XR ring radiator	50 mm   105 mm Ø, AS-XR ring radiator
Tweeter	JET 5	JET 5
Magnetic shielding	–	–
Crossover frequency	120   600   2,800 Hz	180   550   2,700 Hz
Frequency range (IEC 268-5)	24 bis 50,000 Hz	26 to 50,000 Hz
Sensitivity	89 dB at 2.83 V/m	88.5 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω	4 - 8 Ω
Recommended amplifier power	80 - 600 W/channel	60 - 500 W/channel
Nominal   Peak power handling	280 W   350 W	220 W   300 W
Nominal   Minimum impedance	4 Ω   3.1 Ω at 75 Hz	4 Ω   3.5 Ω at 95 Hz
Finishes	Black, High Gloss; Tobacco, High Gloss; Walnut, Veneer, High Gloss	Black, High Gloss; Tobacco, High Gloss; Walnut, Veneer, High Gloss
Accessories included in delivery:	Metal grille, bi-wiring set	Metal grille, bi-wiring set
	<b>BS 314</b>	<b>BS 312</b>
Height x Width x Depth	274 x 188 x 375 mm	208 x 123 x 282 mm
Weight	10.5 kg	7.2 kg
Type	2-Way, bass reflex	2-Way, bass reflex
Woofer	1 x 180 mm, AS-XR cone, LLD	1 x 115 mm, AS-XR cone
Midrange	–	–
Tweeter	JET 5	JET 5
Magnetic shielding	–	–
Crossover frequency	2,700 Hz	3,200 Hz
Frequency range (IEC 268-5)	40 to 50,000 Hz	42 to 50,000 Hz
Sensitivity	87.5 dB at 2.83 V/m	87 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω	4 - 8 Ω
Recommended amplifier power	30 - 200 W/channel	50 - 150 W/channel
Nominal   Peak power handling	80 W   120 W	70 W   100 W
Nominal   Minimum impedance	4 Ω   3.7 Ω at 190 Hz	4 Ω   3.4 Ω at 280 Hz
Finishes	Black, High Gloss	Black, High Gloss
Accessories included in delivery:	Vario BC 70 mm Ø, metal grille	Metal grille



White High Gloss (ELAC 301.2)



Silver High Gloss (ELAC 301.2)



Black High Gloss (ELAC 301.2)

### CC 501 VX-JET

293 x 940 x 413 mm  
 36.5 kg  
 3-Way, bass reflex  
 2 x 180 mm Ø, AS-XR cone  
 50 mm | 105 mm Ø,  
 AS-XR ring radiator  
  
 JET 5  
 Yes  
 550 | 2,700 Hz  
 29 to 50,000 Hz  
 89 dB at 2.83 V/m  
 4 - 8 Ω  
 60 - 500 W/channel  
 220 W | 300 W  
 4 Ω | 3.5 Ω at 105 Hz  
 Black, High Gloss;  
 Tobacco, High Gloss;  
 Walnut, Veneer, High Gloss  
 Metal grille,  
 bi-wiring set

### FS 409

1180 x 290 x 380 mm  
 32.5 kg  
 3 ½-Way, bass reflex  
 2 x 180 mm, AS XR cone  
 150 mm, AS XR cone  
  
 JET 5  
 –  
 140 | 360 | 2,700 Hz  
 28 to 50,000 Hz  
 89 dB at 2.83 V/m  
 4 - 8 Ω  
 40 - 450 W/channel  
 200 W | 280 W  
 4 Ω | 3.4 Ω at 105 Hz  
 Black, White, Tobacco High  
 Gloss; Satin Matt Black; Walnut  
 Veneer High Gloss  
 Magn. fixed fabric grille

### FS 407

1038 x 260 x 297 mm  
 20.4 kg  
 2 ½-Way, bass reflex  
 2 x 150 mm, AS XR cone  
 (150 mm)  
  
 JET 5  
 –  
 450 | 2,500 Hz  
 30 to 50,000 Hz  
 88 dB at 2.83 V/m  
 4 - 8 Ω  
 40 - 300 W/channel  
 130 W | 170 W  
 4 Ω | 3.5 Ω at 200 Hz  
 Black, White, Tobacco High  
 Gloss; Satin Matt Black; Walnut  
 Veneer High Gloss  
 Magn. fixed fabric grille

### CC 400

204 x 650 x 314 mm  
 14 kg  
 2 ½-Way, bass reflex  
 2 x 150 mm, AS XR cone  
 (150 mm)  
  
 JET 5  
 –  
 450 | 2,400 Hz  
 32 to 50,000 Hz  
 88.5 dB at 2.83 V/m  
 4 - 8 Ω  
 40 - 250 W/channel  
 120 W | 160 W  
 4 Ω | 3.6 Ω at 180 Hz  
 Black, White, Tobacco High  
 Gloss; Walnut Veneer High  
 Gloss  
 Magn. fixed fabric grille

### BS 403

308 x 166 x 277 mm  
 7.3 kg  
 2-Way, bass reflex  
 1 x 150 mm, AS XR cone  
 –  
  
 JET 5  
 –  
 2,500 Hz  
 41 to 50,000 Hz  
 86 dB at 2.83 V/m  
 4 - 8 Ω  
 40 - 200 W/channel  
 70 W | 100 W  
 4 Ω | 3.2 Ω at 260 Hz  
 Black, White, Tobacco High  
 Gloss; Satin Matt Black; Walnut  
 Veneer High Gloss  
 Magn. fixed fabric grille

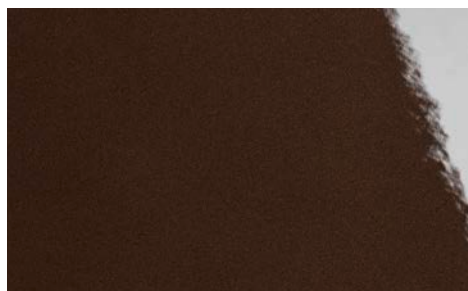
### FS 267

1,021 x 240 x 320 mm  
 19.8 kg  
 2 ½-Way, bass reflex  
 2 x 150 mm, AS XR cone  
 (150 mm)  
  
 JET 5  
 –  
 500 | 2,500 Hz  
 30 to 50,000 Hz  
 88.5 dB at 2.83 V/m  
 4 - 8 Ω  
 30 - 250 W/channel  
 120 W | 160 W  
 4 Ω | 3.4 Ω at 190 Hz  
 Black, High Gloss  
 Magn. fixed fabric grille

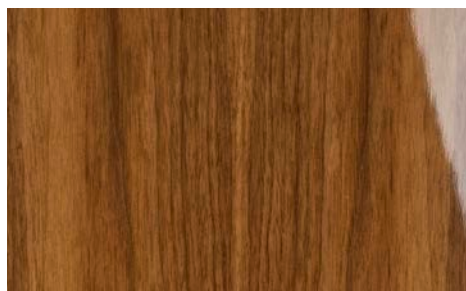
### BS 263

285 x 192 x 285 mm  
 6.6 kg  
 2-Way, bass reflex  
 1 x 150 mm, AS XR cone  
  
 JET 5  
 –  
 2,500 Hz  
 41 to 50,000 Hz  
 87 dB at 2.83 V/m  
 4 - 8 Ω  
 30 - 150 W/channel  
 60 W | 80 W  
 4 Ω | 3.7 Ω at 230 Hz  
 Black, High Gloss  
 Magn. fixed fabric grille

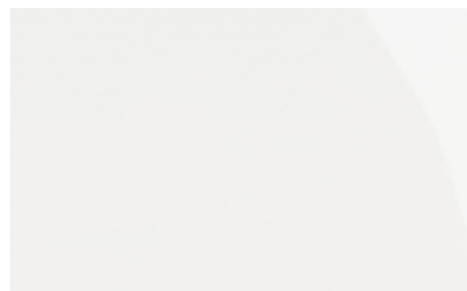




Tobacco High Gloss (Line 500, Line 400)



Walnut Veneer High Gloss (Line 500, Line 400)



White High Gloss

### FS 249.2

Height x Width x Depth	1.147 x 260 x 368 mm
Weight	27,2 kg
Type	3-Way, bass reflex
Woofer	2 x 180 mm, AS-XR cone
Midrange	140 mm, AS-XR cone
Tweeter	JET 5
Magnetic shielding	-
Crossover frequency	500   2,800 Hz
Frequency range (IEC 268-5)	28 to 50,000 Hz
Sensitivity	90 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	30 - 400 W/channel
Nominal   Peak power handling	200 W   250 W
Nominal   Minimum impedance	4 Ω   3.0 Ω at 120 Hz
Finishes	Black, White High Gloss
Accessories included in delivery:	Bass Control 60 mm Ø, fabric grille

### FS 247.2

Height x Width x Depth	1.021 x 220 x 320 mm
Weight	16.8 kg
Type	2 1/2-Way, bass reflex
Woofer	2 x 150 mm, AS-XR cone
Midrange	(150 mm)
Tweeter	JET 5
Magnetic shielding	-
Crossover frequency	500   2,500 Hz
Frequency range (IEC 268-5)	30 to 50,000 Hz
Sensitivity	89 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	30 - 250 W/channel
Nominal   Peak power handling	120 W   160 W
Nominal   Minimum impedance	4 Ω   3.4 Ω at 210 Hz
Finishes	Black, White High Gloss
Accessories included in delivery:	Bass Control 60 mm Ø, fabric grille

### BS 244.2

Height x Width x Depth	330 x 200 x 282 mm
Weight	7.4 kg
Type	2-Way, bass reflex
Woofer	1 x 180 mm, AS-XR cone
Midrange	-
Tweeter	JET 5
Magnetic shielding	-
Crossover frequency	2,500 Hz
Frequency range (IEC 268-5)	48 to 50,000 Hz
Sensitivity	88 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	30 - 200 W/channel
Nominal   Peak power handling	80 W   120 W
Nominal   Minimum impedance	4 Ω   3.3 Ω at 190 Hz
Finishes	Black, White High Gloss
Accessories included in delivery:	Vario BC 70 mm Ø, fabric grille

### BS 243.2

Height x Width x Depth	285 x 170 x 232 mm
Weight	5.2 kg
Type	2-Way, bass reflex
Woofer	1 x 150 mm, AS-XR cone
Midrange	-
Tweeter	JET 5
Magnetic shielding	-
Crossover frequency	2,500 Hz
Frequency range (IEC 268-5)	41 to 50,000 Hz
Sensitivity	87,5 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	30 - 150 W/channel
Nominal   Peak power handling	60 W   80 W
Nominal   Minimum impedance	4 Ω   3.6 Ω at 240 Hz
Finishes	Black, White High Gloss
Accessories included in delivery:	Vario BC 55 mm Ø, fabric grille

### FS 78

Height x Width x Depth	1,070 x 200 x 350 mm
Weight	20.2 kg
Type	3-Way, bass reflex
Woofer	2 x 178 mm, cone
Midrange	115 mm, cone
Tweeter	25 mm, dome
Magnetic shielding	-
Crossover frequency	900   3,600 Hz
Frequency range (IEC 268-5)	33- 28,000 Hz
Sensitivity	88 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	20 - 180 W/channel
Nominal   Peak power handling	100 W   140 W
Nominal   Minimum impedance	4 Ω   3.8 Ω at 42 Hz
Finishes	Satin Matt Black and White
Accessories included in delivery:	Fabric grille, base plate, M6 spikes

### FS 77

Height x Width x Depth	975 x 170 x 275 mm
Weight	15.3 kg
Type	2-Way, bass reflex
Woofer	2 x 150 mm, cone
Midrange	-
Tweeter	1 x 25 mm, dome
Magnetic shielding	-
Crossover frequency	2,300 Hz
Frequency range (IEC 268-5)	42 - 28,000 Hz
Sensitivity	89 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	20 - 150 W/channel
Nominal   Peak power handling	80 W   120 W
Nominal   Minimum impedance	4 Ω   3.9 Ω at 240 Hz
Finishes	Satin Matt Black and White
Accessories included in delivery:	Fabric grille, M6 spikes

### BS 73

Height x Width x Depth	285 x 170 x 250 mm
Weight	5.6 kg
Type	2-Way, bass reflex
Woofer	1 x 150 mm, cone
Midrange	-
Tweeter	1 x 25 mm, dome
Magnetic shielding	-
Crossover frequency	2,900 Hz
Frequency range (IEC 268-5)	45 - 28,000 Hz
Sensitivity	86 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	20 - 120 W/channel
Nominal   Peak power handling	50 W   70 W
Nominal   Minimum impedance	4 Ω   3.8 Ω at 240 Hz
Finishes	Satin Matt Black and White
Accessories included in delivery:	Fabric grille

### BS 72

Height x Width x Depth	230 x 140 x 160 mm
Weight	3.2 kg
Type	2-Way, bass reflex
Woofer	1 x 115 mm, cone
Midrange	-
Tweeter	1 x 25 mm, dome
Magnetic shielding	-
Crossover frequency	3,600 Hz
Frequency range (IEC 268-5)	56 - 28,000 Hz
Sensitivity	87.5 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Recommended amplifier power	20 - 120 W/channel
Nominal   Peak power handling	40 W   60 W
Nominal   Minimum impedance	4 Ω   3.6 Ω at 290 Hz
Finishes	Satin Matt Black and White
Accessories included in delivery:	Fabric grille

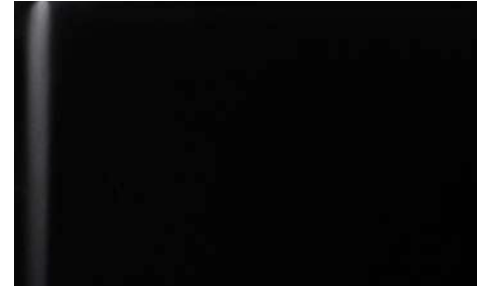




Black High Gloss



Satin Matt White (Line 190, Line 70, SUB 2030, SUB 2040 ESP, SUB 111.2 ESP)



Satin Matt Black (Line 70, SUB 2030, SUB 2025, SUB 111.2 ESP)

### CC 241.2

170 x 430 x 350 mm  
 9,4 kg  
 2 1/2-Way, bass reflex  
 2 x 150 mm, AS-XR cone  
 (150 mm)  
 JET 5  
 Yes  
 500 | 2,400 Hz  
 34 bis 50,000 Hz  
 89,5 dB bei 2.83 V/m  
 4 - 8 Ω  
 30 - 200 W/channel  
 110 W | 140 W  
 4 Ω | 3.2 Ω at 190 Hz  
 Black, White High Gloss  
 Vario BC 70 mm Ø, fabric grille



### FS 197

975 x 210 x 290 mm  
 15 kg  
 2 1/2-Way, bass reflex  
 2 x 140 mm, AS cone  
 (140 mm)  
 JET III  
 -  
 700 | 2,700 Hz  
 36 to 50,000 Hz  
 88.5 dB at 2.83 V/m  
 4 - 8 Ω  
 20 - 200 W/channel  
 90 W | 130 W  
 4 Ω | 3.4 Ω at 210 Hz  
 Satin Matt Black and White  
 Magn. fixed fabric grille

### BS 192

290 x 160 x 262 mm  
 5.5 kg  
 2-Way, bass reflex  
 1 x 135 mm, AS cone  
 -  
 JET III  
 -  
 2,500 Hz  
 46 to 50,000 Hz  
 87 dB at 2.83 V/m  
 4 - 8 Ω  
 20 - 140 W/channel  
 60 W | 80 W  
 4 Ω | 3.3 Ω at 250 Hz  
 Satin Matt Black and White  
 Magn. fixed fabric grille

### CC 191

158 x 435 x 350 mm  
 8.8 kg  
 2 1/2-Way, bass reflex  
 2 x 135 mm, AS cone  
 (135 mm)  
 JET III  
 Yes  
 700 | 2,400 Hz  
 44 to 50,000 Hz  
 88.5 dB at 2.83 V/m  
 4 - 8 Ω  
 20 - 170 W/channel  
 80 W | 110 W  
 4 Ω | 3.5 Ω at 200 Hz  
 Satin Matt Black and White  
 Magn. fixed fabric grille

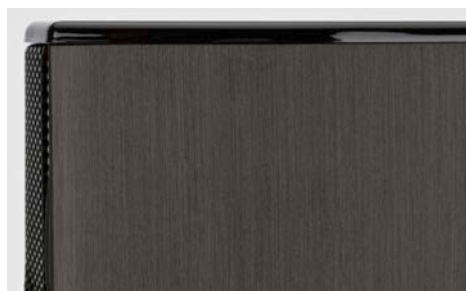
### CC 71

160 x 445 x 262 mm  
 8 kg  
 2-Wege, bass reflex  
 2 x 150 mm, cone  
 -  
 1 x 25 mm, dome  
 Ja  
 2,300 Hz  
 50 - 28.000 Hz  
 89.5 dB at 2.83 V/m  
 4 - 8 Ω  
 20 - 150 W/channel  
 70 W | 110 W  
 4 Ω | 4.1 Ω at 210 Hz  
 Satin Matt Black and White  
 Fabric grille





White High Gloss (Starlet)



Black Aluminium High Gloss (Cinema)



Silver Aluminium Brushed (Cinema)

	Starlet	Cinema 2 SAT	Cinema XL Center	4Pi Plus.2
Height x Width x Depth	117 x 90 x 103 mm	132 x 88 x 102 mm	88 x 290 x 102 mm	143 x 150 x 250 mm
Mounting hole				
Weight	0.85 kg	0.95 kg	2.1 kg	4 kg
Type	2-Way, closed	2-Way, closed	2-Way, closed	Add-on tweeter
Woofer	1 x 80 mm, cone	1 x 80 mm, cone	2 x 80 mm, cone	–
Midrange	–	–	–	–
Tweeter	19 mm, ringdome	19 mm, ringdome	25 mm, silk dome	4Pi II
Magnetic shielding	Yes	Yes	Yes	–
Crossover frequency	100   3,800 Hz	90   3,800 Hz	85   3,800 Hz	10,000   12,000   15,000 Hz
Frequency range (IEC 268-5)	100 to 21,000 Hz	90 to 21,000 Hz	85 to 21,000 Hz	10,000 to 50,000 Hz
Sensitivity	84 dB at 2.83 V/m	85 dB at 2.83 V/m	87 dB at 2.83 V/m	84 to 92 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω	4 - 8 Ω	4 - 8 Ω	4 - 8 Ω
Recommended amplifier power	20 - 120 W/channel	20 - 120 W/channel	20 - 150 W/channel	20 - 400 W/channel
Nominal   Peak power handling	40 W   60 W	45 W   65 W	60 W   80 W	400 W   600 W
Nominal   Minimum impedance	6 Ω   4.8 Ω at 500 Hz	6 Ω   4.8 Ω at 450 Hz	6 Ω   4.8 Ω at 450 Hz	6 Ω   3.5 Ω at >10,000 Hz
Finishes	Black and White High Gloss	Black Aluminium High Gloss, Silver Aluminium Brushed	Black Aluminium High Gloss, Silver Aluminium Brushed	Black High Gloss
Accessories included in delivery	Wall bracket	Wall bracket	Wall bracket	

	Cinema 24 CM	Cinema Pipe	301.2
Height x Width x Depth	88 x 610 x 102 mm	900 x 88 x 102 mm	121 x 91 x 136 mm
Weight	4.5 kg	6 kg	ca. 1.5 kg
Type	2 ½-Way, closed	2 ½-Way, closed	2-Way, closed box
Woofer	4 x 80 mm, cone	4 x 80 mm, cone	85 x 115 mm Ø, AS oval
Midrange	(80 mm)	(80 mm)	–
Tweeter	25 mm, silk dome	25 mm, silk dome	Silk dome, 20 mm
Magnetic shielding	Yes	Yes	Yes
Crossover frequency	80   900   3,800 Hz	80   900   3,800 Hz	80   2,390 Hz
Frequency range (IEC 268-5)	80 to 21,000 Hz	80 to 21,000 Hz	80 to 35,000 Hz
Sensitivity	90 dB at 2.83 V/m	89 dB at 2.83 V/m	86 dB at 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω	4 - 8 Ω	4 - 8 Ω
Recommended amplifier power	20 - 150 W/channel	20 - 150 W/channel	20 - 120 W/channel
Nominal   Peak power handling	80 W   110 W	80 W   100 W	60 W   75 W
Nominal   Minimum impedance	6 Ω   4.8 Ω at 360 Hz	6 Ω   4.8 Ω at 400 Hz	4 Ω   3.5 Ω at 1,200 Hz
Finishes	Black Aluminium High Gloss	Black Aluminium High Gloss, Silver Aluminium Brushed	Black, Silver and White High Gloss
Accessories included in delivery			Wall bracket, metal grille



Arctic White (IC, IW)

### IC 1010

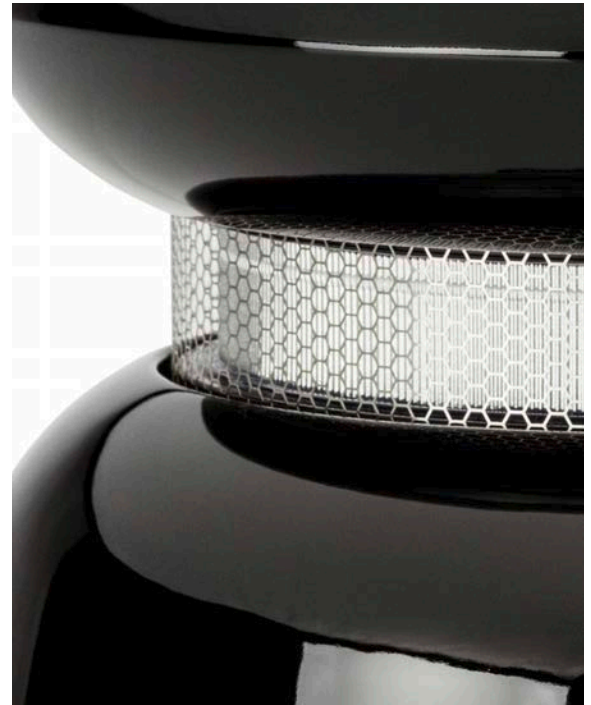
232 x 107 mm  
199 mm Ø x 120 mm  
2 kg  
2-Way, rear side open  
1 x 165 mm, cone  
–  
1 x 25 mm, cone, coaxial  
–  
3,000 Hz  
35 to 25,000 Hz  
88 dB at 2.83 V/m  
4 - 8 Ω  
20 - 120 W/channel  
50 W | 70 W  
8 Ω | 7.3 Ω at 200 Hz and  
5.3 Ω at 16,000 Hz  
Arctic White

### IW 1130

308 x 220 x 115 mm  
275 x 190 x 105 mm  
2.5 kg  
2-Way, closed  
1 x 140 mm, AS cone  
–  
1 x 25 mm, silk dome  
Yes  
2,200 Hz  
60 to 25,000 Hz  
86 dB at 2.83 V/m  
4 - 8 Ω  
20 - 150 W/channel  
55 W | 80 W  
8 Ω | 6.3 Ω at 250 Hz  
Arctic White

### IW 1230

308 x 220 x 115 mm  
275 x 190 x 105 mm  
3 kg  
2-Way, closed  
1 x 140 mm, AS cone  
–  
JET III  
Yes  
3,100 Hz  
60 to 50,000 Hz  
86 dB at 2.83 V/m  
4 - 8 Ω  
30 - 150 W/channel  
55 W | 80 W  
8 Ω | 6.1 Ω at 260 Hz  
Arctic White



### WS1665

650 x 220 x 98 mm  
7.8 kg  
2 ½-Way, bass reflex  
2 x 115 mm, AS-XR cone  
(115 mm)  
JET 5  
–  
600 | 3,600 Hz  
48 to 50,000 Hz  
89.5 dB at 2.83 V/m  
4 - 8 Ω  
20 - 200 W/channel  
100 W | 130 W  
5 Ω | 4.2 Ω at 58 Hz  
Satin Matt White  
Two magn. fixed fabric grille

### WS 1645

400 x 220 x 98 mm  
4.7 kg  
2-Wy, bass reflex  
115 mm, AS-XR cone  
–  
JET 5  
–  
3,400 Hz  
50 to 50,000 Hz  
88.5 dB at 2.83 V/m  
4 - 8 Ω  
20 - 150 W/channel  
70 W | 100 W  
4 Ω | 3.9 Ω at 400 Hz  
Satin Matt White  
Two magn. fixed fabric grille

### WS 1425

220 x 220 x 98 mm  
2.5 kg  
2-Way, closed  
85 x 115 mm Ø, AS oval  
–  
Silk dome, 20 mm  
Yes  
70 | 2,900 Hz  
70 to 35,000 Hz  
87.5 dB at 2.83 V/m  
4 - 8 Ω  
20 - 100 W/channel  
60 W | 75 W  
4 Ω | 3.2 Ω at 85 Hz  
Satin Matt White  
Magn. fixed fabric grille



### MicroSUB 2010.2

Height x Width x Depth	218 x 150 x 170 mm
Weight	4.8 kg
Type	1-Way active, 2 woofers in closed cabinet, remote control
Woofer	2 x 115 mm, AS cone
Upper cutoff frequency	40, 80, 120, 160 Hz, adjustable
Frequency range (IEC 268-5)	36 to 200 Hz
Maximum amplifier power	55 W for subwoofer 55 W for satellites
Power consumption	< 1 W (StandBy)   max. 100 W
Input analogue	2 x unbalanced (RCA, 3.5 mm TRS), 1 x ELAC WL Interface (USB-A)
Input digital	1 x S/PDIF (optical)   Toslink, up to 96 kHz / 24 Bit), 1 x USB-Interface (USB-B, sound card emulation, up to 48 KHz / 16 Bit)
Output	2 x Speaker-Out (L/R)
Finishes	Black and White High Gloss
Optional accessories	Wireless Set Stereo



### SUB 111.2 ESP

Height x Width x Depth	400 x 257 x 400 mm
Weight	13 kg
Type	1-Way active, bass reflex
Woofer	1 x 200 mm, AS cone
Upper cutoff frequency	40 to 180 Hz
Frequency range (IEC 268-5)	35 to 240 Hz
Maximum amplifier power	100 W
Finishes	Cherry, Black, Silver and Titan High Gloss front; Satin Matt Black and White; Dark Cherry and Walnut
Optional accessories	–

### SUB 2040 ESP

Height x Width x Depth	410 x 257 x 358 mm
Weight	17.7 kg
Type	1-Way active, 2 woofers in closed box
Woofer	2 x 200 mm, AS cone
Upper cutoff frequency	40 to 180 Hz
Frequency range (IEC 268-5)	25 to 240 Hz
Maximum amplifier power	300 W
Finishes	Black High Gloss
Optional accessories	–

### SUB 2030

Height x Width x Depth	356 x 300 x 275 mm
Weight	14 kg
Type	1-Way active
Woofer	1 x 250 mm, cone
Upper cutoff frequency	44 - 160 Hz
Frequency range (IEC 268-5)	20 - 180 Hz
Maximum amplifier power	350 W
Finishes	Satin Matt Black, Silk Matt White
Optional accessories	Wireless Set Stereo

### SUB 2050 \*

Height x Width x Depth	440 x 380 x 380 mm
Weight	22 kg *
Type	1-Way active
Woofer	1 x 300 mm, AS cone
Upper cutoff frequency	40 to 150 Hz *
Frequency range (IEC 268-5)	19 to 180 Hz *
Maximum amplifier power	500 W
Finishes	Black and White High Gloss
Accessories included in delivery	Free App <i>BLE-Control</i> for iOS®7 and Android®4
Optional accessories	–

### SUB 2070 \*

Height x Width x Depth	475 x 360 x 385 mm
Weight	32 kg *
Type	1-Way active, 2 woofers in closed box
Woofer	2 x 250 mm, AS cone
Upper cutoff frequency	40 to 150 Hz *
Frequency range (IEC 268-5)	18 to 180 Hz *
Maximum amplifier power	600 W
Finishes	Black and White High Gloss
Accessories included in delivery	Free App <i>BLE-Control</i> for iOS®7 and Android®4
Optional accessories	–

\* SUB 2050 & SUB 2070  
Preliminary technical data  
at state of printing



	AIR-X BASE	AIR-X AMP		AIR-X 407	AIR-X 403
Height x Width x Depth	38 x 160 x 90 (98) mm	–	Height x Width x Depth	1038 x 260 x 290 mm	308 x 166 x 270 mm
Weight	250 g	–	Weight	20.9 kg	7.8 kg
Power supply voltage	5 V   0.5 A DC (AC adaptor: 100 to 240 V~   50 to 60 Hz)	115 to 240 V~   50 to 60 Hz	Type	3-way, active, bass reflex	2-way, active, bass reflex
Mains fuse	–	T 3.15 A L 250 V (5 x 20 mm)	Woofers	2 x 150 mm, AS XR cone	1 x 150 mm, AS XR cone
Wireless system specifications	Digital wireless audio link, 2.4 GHz, KlearNet by SMSC - 4 simultaneous uncompressed stereo audio streams 48 kHz   24 Bit	Digital wireless audio link, 2.4 GHz, KlearNet by SMSC - 4 simultaneous uncompressed stereo audio streams 48 kHz   24 Bit	Tweeter	JET 5	JET 5
Wireless system operating range	70 m (free sight between AIR-X BASE and AIR-X speaker)	70 m (free sight between AIR-X BASE and AIR-X speaker)	Crossover frequency	450   2,550 Hz	2,700 Hz
Wireless RF frequency range	2,400 to 2,483.5 MHz	2,400 to 2,483.5 MHz	Frequency range (IEC 268-5)	28 to 23,000 Hz	38 to 23,000 Hz
Wireless audio frequency range	10 to 23,000 Hz	10 to 23,000 Hz	Finish	Black, White High Gloss	Black, White High Gloss
Max. amplifier power   nominal impedance	–	225 W   4 Ω Class A/B	Accessories included in delivery	magn. fixed fabric grille, M8 crossbars	magn. fixed fabric grille, silicone pads
Power consumption	2.5 W	320 W			
S / N ratio	–	Appr. 100 dB (A) rel. to full power			
Inputs	Analog: 1x unbal., stereo, RCA 1x unbal., stereo, 3.5 mm TRS 1x unbal., stereo, ELAC WL interface, USB-A jack  Digital: 2x digital optical input, TOSLINK, up to 96 kHz / 24 Bit 1x USB-B input for direct connection to PC (sound card function)	Digital wireless audio: 2.4 GHz KlearNet Analog: 1x balanced: XLR 1x unbalanced: RCA			
Input sensitivity	700 mV (3.5 mm TRS)   700 mV (RCA)	700 mV (RCA)   0 dBu (XLR)			
Input impedance	14 kΩ (3.5 mm TRS, RCA)	7.8 kΩ (RCA)   7.1 kΩ (XLR)			



Subject to errors and amendment.

For technical details, please consult [www.elac.com](http://www.elac.com)

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