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.”

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

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.

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.
FS 609 CE

ELAC's high-end flagship FS 609 CE impresses all down the line
A floor-standing loudspeaker that resembles a cathedral: the FS 609 CE towers over them all. Offering exceptional performance and equipped with 4Pi II and X-JET sound transducers, this loudspeaker meets the highest audiophile standards. The FS 609 CE represents the best that ELAC has to offer – in every respect.
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.

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

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.
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.

Nothing was left to chance when it came to supporting every aspect of the VX-JET’s performance, so you’ll find even more innovations on the front baffle.

The most noticeable of these are the two new woofers. With a diameter of 220 mm, they do more than simply raise expectations.

The interplay between crystal membrane technology and the impressive drive system delivers deep and absolutely precise bass reproduction at all volume settings.

A new woofer/mid-range unit featuring all the familiar ELAC technologies including the crystal membrane and LLD driver rounds out the driver complement and guarantees that no detail of the recording gets lost.
For those who are unwilling to compromise, 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.

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.
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.

Two 180 mm woofers are in charge of the lower frequency range.

Two 180 mm woofers handle the lower frequency range.

The combination of crystal technology and the impressive drive system presents an accurate, life-like reproduction of sound. In conjunction with the VX-JET, no detail is left undiscovered.
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!

The first models of the line are now available and they 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

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.
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!

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!

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

## JET 5
The fifth-generation ELAC JET
Line 300

The perfect synthesis of the latest technology and compact design
Unique looks and extraordinary sound: the ELAC 330 CE departs from the conventional straight-line design of ELAC’s other loudspeakers. The fascinating structure of the crystal membrane highlights this design feature in an appealing fashion. But the ELAC 330 CE doesn’t just look good — it also sounds wonderful. It’s the most visually striking member of ELAC’s powerful compact models.
ELAC 310 CE, ELAC 310 Indies Black

Clear the ring for a little powerhouse: at 6.5 kg, the ELAC 310 CE is somewhat of a lightweight, but its powerful sound qualities make it a champion of the compact class. The ELAC 310 CE has won many honours in international title fights worldwide.

The special edition model Indies Black combines choice components and elegant style to create a sensory delight.
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.

- Actual size
- Wall mount included

Optional accessories:
- Desktop Stand, Silver High Gloss
- Cinema LS Stand, White High Gloss
Line 240

Despite winning more awards than any other ELAC loudspeaker line, the Line 240 is not content to rest on its laurels.

Years after its inception, it continues to delight music lovers and home cinema fans alike and offers loudspeakers to suit every room. This line’s unique three-dimensional sound dispersion characteristics allow the room to become part of the acoustic performance … with the listener taking centre stage.

CC 241

Be it an action film, a talk show or an opera – the CC 241 will optimize the sound of every TV and movie event.

Specially designed to reproduce voices, the CC 241 expands the range of loudspeakers optimized for music to create an all-inclusive sound that always delivers that “front-row” experience from your own home cinema.

BS 243

The BS 243 proves emphatically that the volume of sound coming from a loudspeaker is not dependent on its physical dimensions. Whether used as a front speaker or positioned discreetly as a surround speaker – the BS 243 excels in every application. Compact doesn’t get any better than this!
The FS 249 is not just the largest model, but also the crowning glory of the Line 240. Its classic 3-way design delivers an incredibly realistic listening experience. While the generous drive unit complement makes the issue of room size largely irrelevant, you’ll never cease to be amazed at the three-dimensional imagery it is capable of producing. The FS 249: Immediate, powerful … simply sublime!

FS 247

It is the best-selling ELAC loudspeaker worldwide … and with good reason. The linear design is a visual treat and the sound delights the ears. Despite its compact dimensions, the FS 247 effortlessly transforms every input signal into an acoustic experience. The FS 247: Dynamic, accurate with an ability to get straight to the heart of the music!

BS 244

A lot of physics and a little magic: Thanks to its bass driver and enlarged volume, the BS 244 is the speaker of choice when floor-standing designs are not an option. Whether placed close to a wall or in free-standing positions, the BS 244 remains unfazed and delivers a stunningly vivid sound with rich bass.
The style icons – introducing ELAC’s ladies in black.

Their elegant black appearance lends an air of mystery to the 240 series Black Edition. Even at first glance, it’s clear that these models represent a technical and acoustic evolution of the ELAC classics.

BS 243 Black Edition
Small, powerful, elegant. Designed as a bookshelf speaker, the BS 243 Black Edition mounted on a speaker stand easily competes with a full-size floor-standing loudspeaker.

CC 241 Black Edition
The matching centre speaker for the 240 Black Edition series. The CC 241 Black Edition is the ideal complement to the range for home cinema setups. Hi-fi sound for blockbusters.

BS 244 Black Edition
The powerhouse among compact speakers - with an astonishing range: powerful bass, crystal clear treble, with authentic reproduction of voices. The complete package in every respect.
Exclusive special edition of the most decorated ELAC line

High Power Air Coil

To achieve the best sound, the crossovers in all Black Edition models are equipped with high grade components, such as extra-large air coils.

FS 247 Black Edition

The original member of the Black Edition family – this slim floor-stander will fit seamlessly and unobtrusively into your living room. Easy living with ELAC quality. With even more focused bass and lighter treble, the FS 247 Black Edition benefits from its virtually loss-free crossover.

FS 248 Black Edition

A loudspeaker that appears to have stepped out of the New York skyline: black, tall and extremely slim. The FS 248 is the skyscraper of the line, both visually and acoustically. Delivering a transparent sound, this speaker offers greater treble presence than any other speaker in the range. It’s the perfect performer.

FS 249 Black Edition

The top model among these “black beauties”, it outperforms all the other loudspeakers in this line. Designed for those who feel that impressive hi-fi quality should be seen as well as heard. Thanks to its dimensions and special internal structure, the FS 249 Black Edition has sufficient volume to fill even larger rooms with sound.
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 silk 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 accompanying accessories make it easy to integrate this exceptional sound into any domestic setting. Every speaker in the 190 line is supplied with a cloth baffle cover and a metal grille. Whether you prefer a striking look or cool understatement – with the 190 line, the choice is yours.

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!
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 60.2

Irresistibly minimalist design – the 60.2 line looks as good as it sounds!

Configuration levels:
- Subwoofer SUB 2030
- In-wall loudspeaker IW 1130

CC 61.2

Sound, music and dialog – those who aspire to cinema quality sound at home need a loudspeaker system that is convincing with the human voice as well. Thanks to the CC 61.2, this applies unreservedly to the 60.2 line.
The floor-standing FS 68.2 is an impressive three-way loudspeaker from the 60.2 line. The powerhouse of the 60.2 family easily fills large rooms with clear sound.

The 2½-way FS 67.2 loudspeaker impresses thanks to its natural music reproduction and elegant appearance. It is also perfectly at home even when positioned close to a wall.

BS 62.2
All the world’s a stage – unfortunately, not many loudspeakers manage to show it. ELAC loudspeakers have no difficulties in this respect. The BS 63.2 and BS 62.2 actually manage to sound even bigger than they are. With heights of 33 and 26 cm respectively, they look small, but put on a big performance.

BS 63.2
FS 67.2
FS 68.2
The floor-standing FS 68.2 is an impressive three-way loudspeaker from the 60.2 line. The powerhouse of the 60.2 family easily fills large rooms with clear sound.
Line 50.2

Top quality at a modest price – clean contemporary design with silk matt painted front

The SUB 2030 provides for deep, dry bass tones

CC 51.2

Those who opt for the 50.2 line need not compromise when it comes to home cinema sound. The CC 51.2 is a centre speaker completely in tune with the philosophy of the line: small, smart and affordable.
“Music box” or front loudspeaker with a licence to thrill. The FS 58.2 is the high-performance heart of hi-fi and home cinema systems. Its striking membranes are a real design highlight.

FS 57.2
Slimmer but no less attractive in terms of sound and price, the FS 57.2 is the speaker to make cost-conscious sound lovers prick up their ears. An audio delight for the home.

BS 53.2
Think you have no space for loudspeakers? Think again. With the BS 53.2, ELAC offers a compact solution that will get even the smallest room rocking. And those who want something even smaller will simply adore the BS 52.2. Its small size makes it the ultimate shelf loudspeaker.
Starlet
Hollywood without starlets? Unthinkable. Home cinema without Starlets? Conceivable, but what a loss! Despite their smaller dimensions, Starlet speakers with the matching Starlet centre speakers ensure a resounding presentation for every great film, particularly when combined with ELAC subwoofers.

Starlet CM
For those who love the silver screen.
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  
*↑ Cinema CM 24 mounted vertically on a wall*  
*↑ Cinema Pipe with glass design base*
Loudspeaker Sets

2.1 Stereo Sets

2.1 Anniversary Set
SUB 2060 D and two ELAC 301.2.

2.1 MicroMagic
MicroSUB 2010.2 and two ELAC 301.2.

2.1 Set 2030 / 301.2
SUB 2030 and two ELAC 301.2.

2.1 Set 111.2 / 301.2
SUB 111.2 ESP and two ELAC 301.2.

Custom Sets

Tip: Customize your setup!

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 centre 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.
5.1 Surround Sets

5.1 Set 2060 D / 301.2
SUB 2060 D and five ELAC 301.2.

5.1 Sub 2040 / 301.2
SUB 2040 ESP and five ELAC 301.2.

5.1 Starlet
SUB 111.2 ESP, Starlet CM and four Starlet.

5.1 Cinema 2040 XL III
SUB 111.2 ESP, Cinema XL Center and four Cinema 2 SAT.

5.1 Set 2030 / 301.2
SUB 2030 and five ELAC 301.2.

5.1 Set 2060 D / 301.2
SUB 2060 D and five ELAC 301.2.

5.1 CINEMA 3 ESP V
SUB 111.2 ESP and five ELAC 301.2.

5.0 Surround Sets

5.0 Set 301.2
Five ELAC 301.2.

5.0 Set 301.2
Five ELAC 301.2.

5.0 Set 301.2
Five ELAC 301.2.

5.0 Set 60.2, walnut
SUB 111.2 ESP, CC 61.2, two BS 63.2, two FS 67.2.

stereo or surround set!
Line 140

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, which is why we build loudspeakers for aficionados, like the Line 140. Outwardly unobtrusive with a timeless design, but packed with the finest technology that ELAC has to offer. Vast dynamic reserves enable the JET tweeter to reproduce every last detail, even those outside the audible range. The aluminium sandwich woofers provide the requisite deep bass, ensuring a lifelike delivery that’s not just confined to live recordings.

BS 142

In small and medium-sized rooms, the BS 142 is the perfect partner for recreating a wealth of detail and a three-dimensional sound stage, especially when placed on stands. The perfect choice for memorable ELAC moments spent with your favourite music.

FS 147

Top-quality technology elegantly attired: Despite its slim design, this 2 ½-way loudspeaker offers astounding dynamics. The FS 147 can switch from driving pop and rock tracks to gentle chamber music with consummate ease.
FS 217

With a design that holds the attention, FS 217 follows its own path with an elegant shape that really stands out from the crowd. It does so with the help of gently curved contours and white silk matte lacquer finish. Created to make music, the FS 217 reveals its talents to wonderful effect even in large rooms. For all its precision, the most striking aspect of the resulting sound is its musicality. The FS 217 also sheds light on the smallest details but without losing sight of how they relate to the music.

Line 250

The Line 250 creates a striking impression. Whether in black or white, these loudspeakers are always a visual treat. The elegant design is complemented by an extremely neutral tonal balance that is virtually unmatched thanks to exclusive ELAC technologies.

FS 257

With not a hint of blurred tonal shading, this floor-standing speaker delivers a finely-etched sound that is natural, open and easy-going. Despite its slender dimensions, the speaker’s bass response recreates the power of a classical orchestra or a rock concert with equal impact in your living room.
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.

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 60.2, 50.2 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 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 180, 60.2, 50.2 and Cinema loudspeakers.

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 is best combined with the 180 and 240 line loudspeakers. A real bass player.

SUB 2060 D
Those who want their 300 or 240 line loudspeakers to deliver more "oomph" should look no further than the SUB 2060 D. Strikingly slim and elegant on the outside, its "inner strength" delivers astonishing power along with unprecedented precision. An attractive subwoofer that offers more than just deep bass.
Active Loudspeakers

AM 50
The AM 50 stereo set is a delightful proposition from every perspective. The first thing you notice is the matt lacquered cabinets. Combined with the metal grille and black drive units, the AM 50 is a visual delight whether on a sideboard, beside the TV or on your desk.
AM 150

The unbeatable all-rounder: whether connected by a computer, used as a near field monitor or as part of a hi-fi system, versatility is what the AM 150 is all about.

Numerous control options, extensive sound adjustments and amazing value for money push the AM 150 to the top of its class.

AM 180

You’re just one connection away from audio nirvana. The AM 180 is fully equipped to deliver an impressive listening experience. The aluminium sandwich woofer forms a perfect partnership with the JET tweeter. With help of sophisticated electronics, this small loudspeaker sounds like a much larger one.
Custom Install

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.

BS S2.2, Rear panel with terminal and lug for wall-mounting

BS S2.2, compact loudspeakers perfect for extension. Film lovers adore it.

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.
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 60.2 line. The IW 1230 matches well with the 180, 240 and 300 lines.

Whether hanging on the wall, sitting upright on a shelf or horizontally on their side, the WS 1135 and WS 1235 sound excellent in every location. These wall loudspeakers are also ideal team players. The WS 1135 is acoustically adapted to the 60.2 line and the WS 1235 to the 180, 240 and 300 lines.
Accessories

**Speaker stand LS 65.2**
High Gloss Black
Can be used with the ELAC 330 CE
Height (incl. 30 mm for the spikes): 718 mm
Base W x D: 290 x 325 mm

**Speaker stand LS 70 II**
High Gloss: White, Titanium, Black
Can be used with: ELAC 310 CE, ELAC 310 IB, BS 243, BS 244 and other compact loudspeakers
Height incl. Spikes: 726 mm
Base W x D: 240 x 290 mm

**Speaker stand Cinema LS stand**
High Gloss Black, High Gloss White, Silver finish
Can be used with: ELAC 301.2, Starlet and Cinema 2 SAT

**Wall mount 310**
High Gloss: White, Titanium, Black
Can be used with: ELAC 310 CE, ELAC 310 IB

**Ultimate Spike Set**
Metal, High Gloss Chrome
Thread: M8
Can be used with: 200, 240, 300, 400, 500 and 600 lines
The 4Pi Plus.2 additional tweeter is the ideal add-on feature for any of ELAC’s high-quality floor-standing loudspeakers. It opens up the sound of the loudspeakers to fill the entire room. As a result, you can virtually bathe in the music, it surrounds you so.

4Pi Plus.2

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**Bi-wire jumper set**

**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 TVs.

**Ground loop isolator**
The solution to hum pickups (e.g. with some notebooks near active loudspeakers) for galvanic decoupling of input and output signal by transformers. No loss in level. For direct looping into an existing RCA connection.

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

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The problem-solvers
## Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Height x Width x Depth</th>
<th>Weight</th>
<th>Type</th>
<th>Woofer</th>
<th>Midrange</th>
<th>Tweeter</th>
<th>Magnetic shielding</th>
<th>Crossover frequency</th>
<th>Frequency range (IEC 268-5)</th>
<th>Sensitivity</th>
<th>Suitable for amplifiers from … to</th>
<th>Recommended amplifier power</th>
<th>Nominal</th>
<th>Peak power handling</th>
<th>Nominal</th>
<th>Minimum impedance</th>
<th>Finishes</th>
<th>Accessories included in delivery:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FS 609 CE</strong></td>
<td>1,305 x 319 x 354 mm</td>
<td>46 kg</td>
<td>4 1/2-Way, bass reflex</td>
<td>3 x 180 mm, AS-XR cone, LLD</td>
<td>1 x 105/50 mm, AS-XR ring radiator</td>
<td>JET III, 4Pi II</td>
<td>–</td>
<td>150</td>
<td>550</td>
<td>2,500</td>
<td>(6,000) Hz</td>
<td>89 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Black High Gloss, Titan Shadow</td>
<td>Bass Control 60 mm Ø, metal grille</td>
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<tr>
<td><strong>4Pi Plus.2</strong></td>
<td>143 x 150 x 250 mm</td>
<td>4 kg</td>
<td>Add-on tweeter</td>
<td>–</td>
<td>–</td>
<td>4Pi II</td>
<td>–</td>
<td>10,000</td>
<td>12,000</td>
<td>15,000 Hz</td>
<td>84 to 92 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Black High Gloss, Titan Shadow</td>
<td></td>
</tr>
<tr>
<td><strong>330 CE</strong></td>
<td>274 x 188 x 345 mm</td>
<td>10.5 kg</td>
<td>2-Way, bass reflex</td>
<td>1 x 180 mm, AS-XR cone, LLD</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>2,900 Hz</td>
<td>40 to 50,000 Hz</td>
<td>87.5 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Black High Gloss</td>
<td>Vario BC 70 mm Ø, metal grille, JET DC</td>
<td></td>
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<td><strong>301.2</strong></td>
<td>121 x 91 x 136 mm</td>
<td>ca. 1.5 kg</td>
<td>2-Way, closed box</td>
<td>78 x 108 mm Ø, AS oval</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>80</td>
<td>2,390 Hz</td>
<td>86 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Black, Silver and White High Gloss</td>
<td>Wall bracket, metal grille</td>
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</table>

**Accessories included in delivery:**
- **FS 609 CE:** Bass Control 60 mm Ø, metal grille
- **4Pi Plus.2:** Vario BC 70 mm Ø, fabric grille
- **330 CE:** Vario BC 70 mm Ø, metal grille, JET DC
- **301.2:** Vario BC 70 mm Ø, fabric grille, JET DC
<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Type</th>
<th>Woofer</th>
<th>Midrange</th>
<th>Tweeter</th>
<th>Magnetic Shielding</th>
<th>Crossover Frequency</th>
<th>Frequency Range</th>
<th>Sensitivity</th>
<th>Suitable for Amplifiers</th>
<th>Recommended Amplifier Power</th>
<th>Nominal Power Handling</th>
<th>Minimum Impedance</th>
<th>Accessories Included in Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 509 VX-JET</td>
<td>1,373 x 330 x 466 mm</td>
<td>57.2 kg</td>
<td>4-Way, bass reflex</td>
<td>3 x 180 mm, AS-XR cone</td>
<td>1 x 105 mm, AS-XR ring radiator</td>
<td>JET III</td>
<td>No</td>
<td>150</td>
<td>2,500 Hz</td>
<td>25 to 53,000 Hz</td>
<td>89 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>FS 507 VX-JET</td>
<td>1,198 x 280 x 413 mm</td>
<td>37 kg</td>
<td>3½-Way, bass reflex</td>
<td>2 x 180 mm, AS-XR cone</td>
<td>1 x 105 mm, AS-XR ring radiator</td>
<td>JET III</td>
<td>Yes</td>
<td>2,390 Hz</td>
<td>80 to 35,000 Hz</td>
<td>86 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>Black High Gloss, High Gloss, Tobacco, High Gloss, Walnut, Veneer, High Gloss, metal grille, bi-wiring set</td>
</tr>
<tr>
<td>CC 501 VX-JET</td>
<td>293 x 940 x 413 mm</td>
<td>36.5 kg</td>
<td>3-Way, bass reflex</td>
<td>2 x 180 mm, AS-XR cone</td>
<td>1 x 105 mm, AS-XR ring radiator</td>
<td>JET III</td>
<td>Yes</td>
<td>550</td>
<td>2,700 Hz</td>
<td>80 to 50,000 Hz</td>
<td>89 dB at 2.83 V/m</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>–</td>
</tr>
<tr>
<td>310 CE</td>
<td>208 x 123 x 282 mm</td>
<td>6.5 kg</td>
<td>2-Way, bass reflex</td>
<td>1 x 115 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>Yes</td>
<td>2,000 Hz</td>
<td>42 to 50,000 Hz</td>
<td>86 dB at 2.83 V/m</td>
<td>4 Ω</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>Black and White High Gloss, Titan Shadow, metal grille, JET DC</td>
</tr>
<tr>
<td>310 IB</td>
<td>208 x 123 x 282 mm</td>
<td>6.6 kg</td>
<td>2-Way, bass reflex</td>
<td>1 x 115 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>Yes</td>
<td>2,000 Hz</td>
<td>42 to 50,000 Hz</td>
<td>86 dB at 2.83 V/m</td>
<td>4 Ω</td>
<td>4 - 8 Ω</td>
<td>4 - 8 Ω</td>
<td>–</td>
<td>Black and White High Gloss, Titan Shadow, metal grille, JET DC</td>
</tr>
</tbody>
</table>

The above table provides a summary of the specifications for the models listed, including dimensions, weight, type, woofer size, midrange size, tweeter type, magnetic shielding, crossover frequency, frequency range, sensitivity, suitable amplifier resistance, recommended amplifier power, nominal power handling, minimum impedance, and finished options. Each model also includes accessories included in delivery, such as metal grilles or fabric grilles. The table compares these details across different models, allowing for an easy comparison of features and specifications.
<table>
<thead>
<tr>
<th>Model</th>
<th>Height x Width x Depth</th>
<th>Weight</th>
<th>Type</th>
<th>Woofer</th>
<th>Midrange</th>
<th>Tweeter</th>
<th>Magnetic shielding</th>
<th>Crossover frequency</th>
<th>Frequency range (IEC 268-5)</th>
<th>Sensitivity</th>
<th>Suitable for amplifiers from … to</th>
<th>Recommended amplifier power</th>
<th>Nominal</th>
<th>Peak power handling</th>
<th>Nominal</th>
<th>Minimum impedance Finishes</th>
<th>Accessories included in delivery:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 249 BE</td>
<td>1.147 x 260 x 368 mm</td>
<td>28.7 kg</td>
<td>3-Way, bass reflex</td>
<td>2 x 180 mm, AS-XR cone</td>
<td>1 x 140 mm, AS-XR cone</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>28 to 50.000 Hz</td>
<td>110 W</td>
<td>3-Way, bass reflex</td>
<td>2 x 150 W/channel</td>
<td>50 W</td>
<td>120 W</td>
<td>50 W</td>
<td>70 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>FS 248 BE</td>
<td>1.173 x 230 x 368 mm</td>
<td>24.3 kg</td>
<td>3 ½-Way, bass reflex</td>
<td>3 x 150 mm, AS-XR cone</td>
<td>1 x 140 mm, AS-XR cone</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>30 to 50.000 Hz</td>
<td>110 W</td>
<td>3 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>70 W</td>
<td>80 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>FS 247 BE</td>
<td>1.021 x 220 x 320 mm</td>
<td>17.8 kg</td>
<td>2 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>(150 mm)</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>30 to 25.000 W/channel</td>
<td>110 W</td>
<td>2 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>110 W</td>
<td>120 W</td>
<td>50 W</td>
<td>80 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>BS 244 BE</td>
<td>330 x 200 x 282 mm</td>
<td>7.9 kg</td>
<td>2-Way, bass reflex</td>
<td>1 x 180 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>30 - 200 W/channel</td>
<td>110 W</td>
<td>2-Way, bass reflex</td>
<td>2 x 180 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>40 W</td>
<td>80 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>BS 243 BE</td>
<td>285 x 170 x 232 mm</td>
<td>5.7 kg</td>
<td>2-Way, bass reflex</td>
<td>1 x 150 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>41 to 50.000 Hz</td>
<td>90 dB</td>
<td>2-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>40 W</td>
<td>70 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>CC 241 BE</td>
<td>170 x 430 x 350 mm</td>
<td>10.4 kg</td>
<td>2 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>34 to 50.000 Hz</td>
<td>89 dB</td>
<td>2 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>80 W</td>
<td>70 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>FS 257</td>
<td>989 x 220 x 320 mm</td>
<td>17.4 kg</td>
<td>2 1/2-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>33 to 50.000 Hz</td>
<td>88 dB</td>
<td>2 1/2-Way, bass reflex</td>
<td>2 x 150 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>70 W</td>
<td>70 W</td>
<td>Black High Gloss</td>
</tr>
<tr>
<td>BS 253</td>
<td>285 x 170 x 232 mm</td>
<td>5.3 kg</td>
<td>2-Way, bass reflex</td>
<td>150 mm, AS-XR cone</td>
<td>–</td>
<td>JET III</td>
<td>–</td>
<td>–</td>
<td>42 to 50.000 Hz</td>
<td>87 dB</td>
<td>2-Way, bass reflex</td>
<td>150 mm, AS-XR cone</td>
<td>80 W</td>
<td>120 W</td>
<td>70 W</td>
<td>70 W</td>
<td>Black High Gloss</td>
</tr>
</tbody>
</table>

**Accessories included in delivery:**
- FS 249 BE: Vario BC 55 mm Ø, fabric grille, JET DC
- FS 248 BE: Vario BC 60 mm Ø, fabric grille, JET DC
- FS 247 BE: Vario BC 60 mm Ø, fabric grille, JET DC
- BS 244 BE: Vario BC 70 mm Ø, fabric grille, JET DC
- BS 243 BE: Vario BC 55 mm Ø, fabric grille, JET DC
- CC 241 BE: Vario BC 70 mm Ø, fabric grille, JET DC
- FS 257: Vario BC 70 mm Ø, fabric grille, JET DC
- BS 253: M6-Spike; magn. fixed fabric grille
### FS 68.2

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>3-Way, bass reflex</th>
<th>2 x 175 mm, AS cone</th>
<th>1 x 145 mm, AS cone</th>
<th>1 x 25 mm, silk dome</th>
<th>Nominal impedance</th>
<th>Peak power handling</th>
<th>Recommended amplifier power</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,080 x 250 x 335 mm</td>
<td>20 kg</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
<td>2.15 Ω</td>
<td>150 W</td>
<td>20 - 150 W/channel</td>
</tr>
<tr>
<td>38 to 25,000 Hz</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>90 dB at 2.83 V/m</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>4 - 8 Ω</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
</tr>
<tr>
<td>20 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
</tr>
</tbody>
</table>

#### Accessories included in delivery:
- Vario BC 55 mm Ø, metal grille

#### Finishes:
- Dark Cherry
- Walnut
- Black Ash

### FS 67.2

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>3-Way, bass reflex</th>
<th>2 x 175 mm, AS cone</th>
<th>1 x 145 mm, AS cone</th>
<th>1 x 25 mm, silk dome</th>
<th>Nominal impedance</th>
<th>Peak power handling</th>
<th>Recommended amplifier power</th>
</tr>
</thead>
<tbody>
<tr>
<td>950 x 220 x 300 mm</td>
<td>14.5 kg</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
<td>2.15 Ω</td>
<td>150 W</td>
<td>20 - 150 W/channel</td>
</tr>
<tr>
<td>38 to 25,000 Hz</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>90 dB at 2.83 V/m</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>4 - 8 Ω</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
</tr>
<tr>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
<td>14 kg</td>
</tr>
</tbody>
</table>

#### Accessories included in delivery:
- Vario BC 55 mm Ø, metal grille

#### Finishes:
- Dark Cherry
- Walnut
- Black Ash

### BS 63.2

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>2-Way, bass reflex</th>
<th>1 x 145 mm, AS cone</th>
<th>1 x 25 mm, silk dome</th>
<th>Nominal impedance</th>
<th>Peak power handling</th>
<th>Recommended amplifier power</th>
</tr>
</thead>
<tbody>
<tr>
<td>330 x 205 x 265 mm</td>
<td>7 kg</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
<td>2.15 Ω</td>
<td>150 W</td>
</tr>
<tr>
<td>65 to 25,000 Hz</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>84 dB at 2.83 V/m</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>285</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>4 - 8 Ω</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
</tr>
<tr>
<td>7 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
<td>5.5 kg</td>
</tr>
</tbody>
</table>

#### Accessories included in delivery:
- Vario BC 70 mm Ø, metal grille

#### Finishes:
- Dark Cherry
- Walnut
- Black Ash
- Ash Black and Dark Cherry

### BS 62.2

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>2-Way, bass reflex</th>
<th>1 x 145 mm, AS cone</th>
<th>1 x 25 mm, silk dome</th>
<th>Nominal impedance</th>
<th>Peak power handling</th>
<th>Recommended amplifier power</th>
</tr>
</thead>
<tbody>
<tr>
<td>260 x 160 x 262 mm</td>
<td>4.5 kg</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
<td>2.15 Ω</td>
<td>150 W</td>
</tr>
<tr>
<td>44 to 25,000 Hz</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>86.5 dB at 2.83 V/m</td>
<td>260</td>
<td>260</td>
<td>260</td>
<td>260</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>6 Ω</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
<td>20 - 120 W/channel</td>
</tr>
<tr>
<td>4.5 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
</tr>
</tbody>
</table>

#### Accessories included in delivery:
- Vario BC 70 mm Ø, metal grille

#### Finishes:
- Dark Cherry
- Walnut
- Black Ash
- Ash Black and Dark Cherry

### CC 61.2

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
<th>2-Way, bass reflex</th>
<th>1 x 145 mm, AS cone</th>
<th>1 x 25 mm, silk dome</th>
<th>Nominal impedance</th>
<th>Peak power handling</th>
<th>Recommended amplifier power</th>
</tr>
</thead>
<tbody>
<tr>
<td>170 x 435 x 265 mm</td>
<td>7.5 kg</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
<td>2.15 Ω</td>
<td>150 W</td>
</tr>
<tr>
<td>48 to 25,000 Hz</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>700</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>88.5 dB at 2.83 V/m</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>170</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
<td>2,200 Hz</td>
</tr>
<tr>
<td>4 - 8 Ω</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
<td>20 - 150 W/channel</td>
</tr>
<tr>
<td>7.5 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
<td>2.4 kg</td>
</tr>
</tbody>
</table>

#### Accessories included in delivery:
- Vario BC 55 mm Ø, magn. fixed fabric grille

#### Finishes:
- Dark Cherry
- Walnut
- Black Ash
- Ash Black and Dark Cherry
<table>
<thead>
<tr>
<th>Starlet</th>
<th>Starlet CM</th>
<th>Cinema 2 SAT</th>
<th>Cinema XL Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height x Width x Depth</td>
<td>117 x 90 x 103 mm</td>
<td>90 x 215 x 103 mm</td>
<td>132 x 88 x 102 mm</td>
</tr>
<tr>
<td>Mounting hole</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>0.85 kg</td>
<td>1.6 kg</td>
<td>0.95 kg</td>
</tr>
<tr>
<td>Type</td>
<td>2-Way, closed</td>
<td>2 ½-Way, closed</td>
<td>2-Way, closed</td>
</tr>
<tr>
<td>Woofer</td>
<td>1 x 80 mm, cone</td>
<td>2 x 80 mm, cone</td>
<td>1 x 80 mm, cone</td>
</tr>
<tr>
<td>Midrange</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Tweeter</td>
<td>1 x 19 mm, ringdome</td>
<td>1 x 19 mm, ringdome</td>
<td>1 x 19 mm, ringdome</td>
</tr>
<tr>
<td>Magnetic shielding</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Crossover frequency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency range (IEC 268-5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitivity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suitable for amplifiers from … to</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended amplifier power</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal</td>
<td>Peak power handling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal</td>
<td>Minimum impedance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finishes</td>
<td>Black and White High Gloss</td>
<td></td>
<td>Black and White High Gloss, Silver Aluminium High Gloss</td>
</tr>
<tr>
<td>Accessories included in delivery</td>
<td>Wall bracket</td>
<td>Wall bracket</td>
<td>Wall bracket</td>
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<table>
<thead>
<tr>
<th>Cinema 24 CM</th>
<th>Cinema Pipe</th>
<th>FS 147</th>
<th>BS 142</th>
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<tbody>
<tr>
<td>Height x Width x Depth</td>
<td>88 x 610 x 102 mm</td>
<td>900 x 88 x 102 mm</td>
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<tr>
<td>Weight</td>
<td>4.5 kg</td>
<td>6 kg</td>
<td>14.5 kg</td>
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<tr>
<td>Type</td>
<td>2 ½-Way, closed</td>
<td>2 ½-Way, closed</td>
<td>2 1/2-Way, bass reflex</td>
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<tr>
<td>Woofer</td>
<td>4 x 80 mm, cone</td>
<td>4 x 80 mm, cone</td>
<td>2 x 140 mm, AS cone</td>
</tr>
<tr>
<td>Midrange</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Tweeter</td>
<td>1 x 25 mm, silk dome</td>
<td>1 x 25 mm, silk dome</td>
<td>JET III</td>
</tr>
<tr>
<td>Magnetic shielding</td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
</tr>
<tr>
<td>Crossover frequency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency range (IEC 268-5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitivity</td>
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</tr>
<tr>
<td>Nominal</td>
<td>Minimum impedance</td>
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<tr>
<td>Finishes</td>
<td>Black and White High Gloss</td>
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<td>Black and White High Gloss, Silver Aluminium High Gloss</td>
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<tr>
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<td>Wall bracket</td>
<td>Wall bracket</td>
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<table>
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<tr>
<th>White High Gloss (Starlet)</th>
<th>Black Aluminium High Gloss (Cinema)</th>
<th>Silver Aluminium Brushed (Cinema)</th>
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<tr>
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</tr>
<tr>
<td>Weight</td>
<td></td>
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</tr>
<tr>
<td>Type</td>
<td></td>
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</tr>
<tr>
<td>Woofer</td>
<td></td>
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<tr>
<td>Midrange</td>
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<tr>
<td>Tweeter</td>
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<tr>
<td>Magnetic shielding</td>
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<tr>
<td>Crossover frequency</td>
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<tr>
<td>Frequency range (IEC 268-5)</td>
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<tr>
<td>Sensitivity</td>
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<td></td>
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<tr>
<td>Suitable for amplifiers from … to</td>
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<tr>
<td>Recommended amplifier power</td>
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<td>Peak power handling</td>
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<td>Minimum impedance</td>
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<td>Finishes</td>
<td></td>
<td></td>
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<tr>
<td>Accessories included in delivery</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

44
### IC 1010
- **Height x Width x Depth:** 232 x 107 mm x 199 mm
- **Mounting hole:** 90 x 215 x 103 mm
- **Weight:** 2 kg
- **Type:** 2-Way, closed
- **Woofer:** 1 x 80 mm, cone
- **Midrange:** –
- **Tweeter:** 1 x 19 mm, ringdome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 100 | 3,800 Hz
- **Frequency range:** 100 to 21,000 Hz
- **Sensitivity:** 84 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:** 6 Ω | 4.8 Ω at 500 Hz
- **Finishes:** Black and White, High Gloss

### IW 1130
- **Height x Width x Depth:** 308 x 220 x 115 mm x 90 mm x 105 mm
- **Mounting hole:** 132 x 88 x 102 mm
- **Weight:** 3 kg
- **Type:** 2-Way, closed
- **Woofer:** 1 x 140 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 19 mm, ringdome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 3.100 Hz
- **Frequency range:** 35 to 25,000 Hz
- **Sensitivity:** 87 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:** 55 W | 75 W
- **Nominal | Minimum impedance:** 8 Ω | 6.3 Ω at 250 Hz
- **Finishes:** Black and White, High Gloss

### IW 1230
- **Height x Width x Depth:** 308 x 220 x 115 mm x 100 mm x 105 mm
- **Mounting hole:** 117 x 90 x 103 mm
- **Weight:** 2.5 kg
- **Type:** 2-Way, closed
- **Woofer:** 1 x 140 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 19 mm, ringdome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 3.100 Hz
- **Frequency range:** 35 to 25,000 Hz
- **Sensitivity:** 87 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:** 55 W | 65 W
- **Nominal | Minimum impedance:** 8 Ω | 6.3 Ω at 16,000 Hz
- **Finishes:** Black and White, High Gloss

### WS 1135
- **Height x Width x Depth:** 320 x 230 x 116 mm x 900 x 88 x 102 mm
- **Mounting hole:** 260 x 160 x 262 mm
- **Weight:** 3.7 kg
- **Type:** 2-½-Way, closed
- **Woofer:** 4 x 80 mm, cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 700 | 2,700 Hz
- **Frequency range:** 36 to 50,000 Hz
- **Sensitivity:** 89 dB at 2.8 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 150 W/channel
- **Nominal | Peak power handling:** 80 W | 110 W
- **Nominal | Minimum impedance:** 4 Ω | 3.5 Ω at 250 Hz
- **Finishes:** Black and White

### WS 1235
- **Height x Width x Depth:** 320 x 230 x 116 mm x 975 x 232 x 290 mm
- **Mounting hole:** 290 x 160 x 262 mm
- **Weight:** 4.2 kg
- **Type:** 2-Way, closed
- **Woofer:** 2 x 140 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 2,500 Hz
- **Frequency range:** 144 to 50,000 Hz
- **Sensitivity:** 88.5 dB at 2.83 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 200 W/channel
- **Nominal | Peak power handling:** 60 W | 80 W
- **Nominal | Minimum impedance:** 4 Ω | 3.4 Ω at 210 Hz
- **Finishes:** Black and White, High Gloss

### FS 217
- **Height x Width x Depth:** 975 x 232 x 290 mm x 178 x 8 kg
- **Mounting hole:** 88.5 dB at 2.83 V/m
- **Weight:** 4 - 8 Ω
- **Type:** 2 ½-Way, bass reflex
- **Woofer:** 2 x 140 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 700 | 2,700 Hz
- **Frequency range:** 36 to 50,000 Hz
- **Sensitivity:** 90 dB at 2.83 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 170 W/channel
- **Nominal | Peak power handling:** 55 W | 70 W
- **Nominal | Minimum impedance:** 4 Ω | 3.4 Ω at 210 Hz
- **Finishes:** Black and White, High Gloss

### FS 197
- **Height x Width x Depth:** 975 x 210 x 290 mm x 15 kg
- **Mounting hole:** 88.5 dB at 2.83 V/m
- **Weight:** 4 - 8 Ω
- **Type:** 2 ½-Way, bass reflex
- **Woofer:** 2 x 140 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 700 | 2,700 Hz
- **Frequency range:** 36 to 50,000 Hz
- **Sensitivity:** 89 dB at 2.8 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 140 W/channel
- **Nominal | Peak power handling:** 60 W | 80 W
- **Nominal | Minimum impedance:** 4 Ω | 3.4 Ω at 210 Hz
- **Finishes:** Black and White, High Gloss

### BS 192
- **Height x Width x Depth:** 290 x 160 x 262 mm x 5.5 kg
- **Mounting hole:** 87 dB at 2.83 V/m
- **Weight:** 4 - 8 Ω
- **Type:** 2-Way, bass reflex
- **Woofer:** 1 x 135 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 2,500 Hz
- **Frequency range:** 44 to 50,000 Hz
- **Sensitivity:** 88.5 dB at 2.83 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 170 W/channel
- **Nominal | Peak power handling:** 55 W | 70 W
- **Nominal | Minimum impedance:** 4 Ω | 3.4 Ω at 210 Hz
- **Finishes:** Black and White, High Gloss

### CC 191
- **Height x Width x Depth:** 158 x 435 x 350 mm x 8.8 kg
- **Mounting hole:** 88.5 dB at 2.83 V/m
- **Weight:** 4 - 8 Ω
- **Type:** 2 ½-Way, bass reflex
- **Woofer:** 2 x 135 mm, AS cone
- **Midrange:** –
- **Tweeter:** 1 x 25 mm, silk dome
- **Magnetic shielding:** Yes
- **Crossover frequency:** 2,400 Hz
- **Frequency range:** 44 to 50,000 Hz
- **Sensitivity:** 88.5 dB at 2.83 V/m
- **Suitable for amplifiers:** from … to 4 - 8 Ω
- **Recommended amplifier power:** 20 - 170 W/channel
- **Nominal | Peak power handling:** 55 W | 70 W
- **Nominal | Minimum impedance:** 4 Ω | 3.4 Ω at 210 Hz
- **Finishes:** Silk Matt Black and White

### Accessories included in delivery
- Wall bracket
- M6-Spike; magn. fixed fabric grille
- Silicone pads; magn. fixed fabric grille; Bass Control
- silk matt
- Black and White Silk Matt Black and White Silk Matt Black and White Silk Matt Black and White
- Arctic White Tobacco High Gloss (Line 500, Line 400) Walnut Veneer High Gloss (Line 500, Line 400)
<table>
<thead>
<tr>
<th>Model</th>
<th>Height x Width x Depth</th>
<th>Weight</th>
<th>Type</th>
<th>Woofer</th>
<th>Upper cutoff frequency</th>
<th>Frequency range (IEC 268-5)</th>
<th>Maximum amplifier power</th>
<th>Finishes</th>
<th>Optional accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUB 2060 D</td>
<td>440 x 230 x 300 mm</td>
<td>16.5 kg</td>
<td>1-Way active, 2 woofers in closed box, remote control</td>
<td>2 x 180 mm, AS Cone, LLD</td>
<td>40 to 180 Hz</td>
<td>36 to 200 Hz</td>
<td>330 W</td>
<td>Black and White High Gloss, Titan Shadow</td>
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<tr>
<td>SUB 2040 ESP</td>
<td>410 x 257 x 358 mm</td>
<td>17.7 kg</td>
<td>1-Way active, 2 woofers in closed box</td>
<td>2 x 200 mm, AS Cone</td>
<td>40 to 180 Hz</td>
<td>25 to 240 Hz</td>
<td>300 W</td>
<td>Black High Gloss, Titan, Silk Matt White</td>
<td>–</td>
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<tr>
<td>SUB 2030</td>
<td>356 x 300 x 315 mm</td>
<td>14 kg</td>
<td>1-Way active</td>
<td>1 x 250 mm, Cone</td>
<td>44 - 160 Hz</td>
<td>20 - 180 Hz</td>
<td>350 W</td>
<td>Silk Matt Black</td>
<td>Wireless Set Stereo</td>
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<tr>
<td>SUB 111.2 ESP</td>
<td>400 x 257 x 400 mm</td>
<td>13 kg</td>
<td>1-Way active, bass reflex</td>
<td>1 x 200 mm, AS cone</td>
<td>40 to 180 Hz</td>
<td>35 to 240 Hz</td>
<td>100 W</td>
<td>Cherry, Black, Silver and Titan High Gloss front, Silk Matt Black and White, Dark Cherry and Walnut</td>
<td>–</td>
</tr>
<tr>
<td>MicroSUB 2010.2</td>
<td>218 × 150 × 178 mm</td>
<td>4.8 kg</td>
<td>1-Way active, 2 woofers in closed cabinet, remote control</td>
<td>2 x 115 mm, AS cone</td>
<td>40, 80, 120, 160 Hz, adjustable</td>
<td>36 to 200 Hz</td>
<td>55 W for subwoofer</td>
<td>Black and White High Gloss</td>
<td>Wireless Set Stereo</td>
</tr>
<tr>
<td>MicroSUB 2010.2</td>
<td>1038 x 260 x 314 mm</td>
<td>20.4 kg</td>
<td>2 ½-Way, bass reflex</td>
<td>2 x 150 mm, AS XR Konus</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
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</tr>
<tr>
<td>MicroSUB 2010.2</td>
<td>308 x 166 x 294 mm</td>
<td>7.3 kg</td>
<td>2-Way, bass reflex</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Black and White High Gloss</td>
<td>Magn. fixed fabric grille</td>
</tr>
<tr>
<td>FS 407</td>
<td>440 x 257 x 400 mm</td>
<td>13 kg</td>
<td>1-Way active, bass reflex</td>
<td>1 x 200 mm, AS cone</td>
<td>40 to 180 Hz</td>
<td>35 to 240 Hz</td>
<td>100 W</td>
<td>Cherry, Black, Silver and Titan High Gloss front, Silk Matt Black and White, Dark Cherry and Walnut</td>
<td>–</td>
</tr>
<tr>
<td>BS 403</td>
<td>218 × 150 × 178 mm</td>
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<td>1-Way active, 2 woofers in closed cabinet, remote control</td>
<td>2 x 115 mm, AS cone</td>
<td>40, 80, 120, 160 Hz, adjustable</td>
<td>36 to 200 Hz</td>
<td>55 W for subwoofer</td>
<td>Black and White High Gloss</td>
<td>Wireless Set Stereo</td>
</tr>
<tr>
<td>BS 403</td>
<td>308 x 166 x 294 mm</td>
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<td>2-Way, bass reflex</td>
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<td>–</td>
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<td>–</td>
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<td>AM 150</td>
<td>AM 180</td>
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<tr>
<td><strong>Height x Width x Depth</strong></td>
<td>210 x 136 x 165 mm</td>
<td>290 x 195 x 280 mm</td>
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<tr>
<td><strong>Weight</strong></td>
<td>4.3 kg</td>
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<td>2-Way active, bass reflex</td>
<td>2-Way active, bass reflex</td>
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<tr>
<td><strong>Woofer</strong></td>
<td>1 x 110 mm, cone</td>
<td>1 x 130 mm, AS cone</td>
<td>–</td>
<td></td>
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</tr>
<tr>
<td><strong>Tweeter</strong></td>
<td>1 x 25 mm, dome</td>
<td>1 x 25 mm, dome</td>
<td>–</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic shielding</strong></td>
<td>–</td>
<td>Yes</td>
<td>JET III</td>
<td></td>
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<tr>
<td><strong>Crossover frequency</strong></td>
<td>2,500 Hz</td>
<td>3,000 Hz</td>
<td>3,000 Hz</td>
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<tr>
<td><strong>Frequency range (IEC 268-5)</strong></td>
<td>52 to 25,000 Hz</td>
<td>48 to 30,000 Hz</td>
<td>38 to 50,000 Hz</td>
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<tr>
<td><strong>Maximum amplifier power</strong></td>
<td>2 x 25 W</td>
<td>Woofer: 50 W</td>
<td>Woofer: 55 W</td>
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</tr>
<tr>
<td><strong>Input</strong></td>
<td>Master: Analogue: 2 x unbalanced (RCA, 3.5 mm TRS), 1 x ELAC WL Interface (USB-B). Digital: 1 x USB-Interface (USB-A, sound card emulation).</td>
<td>Analogue: 1 x unbalanced (RCA), 2x balanced (XLR, 6.35 mm TRS). Digital: 1 x S/PDIF (RCA), 1 x AES/EBU (XLR), up to 48 kHz.</td>
<td>Analogue: 1 x unbalanced (RCA), 2x balanced (XLR, 6.35 mm TRS). Digital: 2 x S/PDIF (RCA, Toslink), 1 x AES/EBU (XLR), up to 48 kHz.</td>
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</tr>
<tr>
<td><strong>Output</strong></td>
<td>Master: speaker-out</td>
<td>1 x digital S/PDIF (RCA), pass through</td>
<td>Digital: 2 x S/PDIF thru (RCA, Toslink)</td>
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<tr>
<td><strong>Finishes</strong></td>
<td>Silk Matt White</td>
<td>Black and White Silk Matt</td>
<td>Black and White High Gloss</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Front cover</strong></td>
<td>metal grille</td>
<td>–</td>
<td>fabric grille, magn. fixed</td>
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<tr>
<td><strong>Optional accessories</strong></td>
<td>Wireless Set Stereo</td>
<td>–</td>
<td>–</td>
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</table>

Errors and omissions excepted.

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