

CEDIA  
MEMBER



2025

# NOT JUST A HOME CINEMA



# A REAL CINEMA AT YOUR HOME



## MAG THEATRON

MAG Theatron brings the next level of professional cinema solutions designed especially for compact premises, also known as "Home Theatres".

A brand-new series by MAG Audio – a globally renowned and leading manufacturer of professional sound systems used in numerous movie theaters and music venues worldwide. Notable achievements include receiving International Cinema Technology Association (ICTA) awards for the World's, EMEA, and North America Best Cinema Hall categories three times (2018, 2023, and 2024), as well as its triumph at the Cannes Film Festival.





## ROOM PRECISION COVERAGE CONTROL



Experience unparalleled simplicity and convenience with MAG Theatron main speakers, designed to elevate your home cinema with Precision Room Coverage Control technology. Each speaker is meticulously crafted for optimal sound dispersion, featuring uniquely tailored left, right, and center speakers that focus audio precisely on the listening area while minimizing unwanted reflections from walls. The innovative skewed dispersion of the left and right speakers ensures sound perfectly aligns with the listening position, even when the cabinets are flush-mounted on the wall.

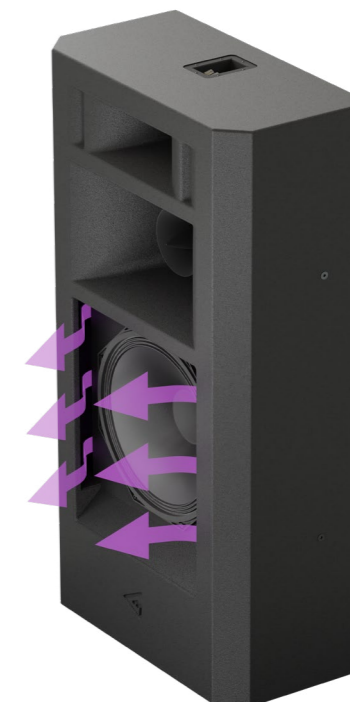
Every triad set is hand-selected to guarantee a harmonized response across all speakers, creating a flawless, seamless audio array that delivers a consistently immersive experience throughout the entire frontal cinema area. With MAG Theatron, immerse yourself in sound that is as precise and refined as your viewing experience demands.

## WOOFER INVISIBLE VENT TECHNOLOGY

Say goodbye to vent noises and screen movement caused by airflow, those disruptions are a thing of the past! Introducing the revolutionary Woofer Invisible Vent Technology seamlessly integrates into the design of our main speakers to provide an immaculate listening experience. These expertly



crafted vents harmonize effortlessly with the direct speaker flow, delivering a perfectly aligned sound front that enhances the clarity and impact of every note.



### Polycomp® – anti-resonance technology

Experience superior sound with our speakers' composite cabinets, crafted using our exclusive Polycomp® hybrid anti-resonance technology. By combining plywood, MDF, and polyurethane, we achieve unmatched geometric precision and a seamless front panel. This innovative design eliminates unwanted resonance, delivering crystal-clear audio with every note. Enjoy the perfect blend of strength, precision, and acoustic excellence in your home cinema.

### Midrange phase plug

The M15 main speaker line introduces a dedicated mid-range driver with an elliptical phase plug, setting a new standard for clarity and precision in the vocal range. Experience unparalleled audio fidelity with enhanced voice detail and accuracy, elevating your listening experience to exceptional levels.



## POWERTECH TO MATCH YOUR **AMBITION**

### Triple Voice Coil cooling systems

Imagine absolute technology built to last. The Triple Voice Coil cooling systems ensure safe and secure working conditions, no matter how hard you push it.



### DOUBLE AND TRIPLE SANDWICH SYSTEMS



Less wear and tear is guaranteed because of the double and triple sandwich lower suspension featuring a silicone treatment.

### COPPER RINGS & ALUMINUM INSERTS

The copper rings of the high-frequency drivers help reduce distortions, achieving unparalleled clarity and intelligibility.

The aluminum inserts in the magnetic system dramatically reduce distortion while also improving the cooling of the voice coil, significantly increasing reliability.

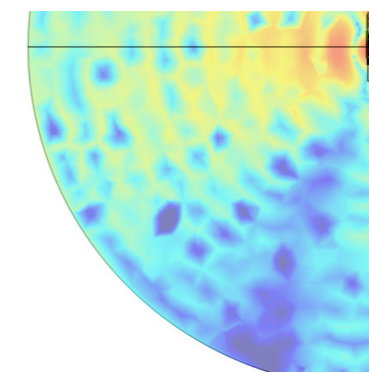


## SURROUND **COVERAGE CONTROL TECHNOLOGY**

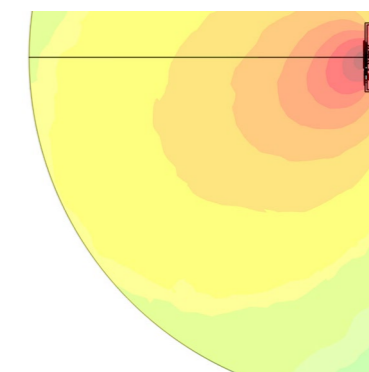


The HF horn with Surround Coverage Control Technology (SCCT) beams down directly to the listening position without tilting the speaker.

The reversed horn and woofer position allows for smooth coupling and even coverage throughout the room.



Classic HF horn on top design and its rippled coverage



Reversed HF horn position and its smooth coverage

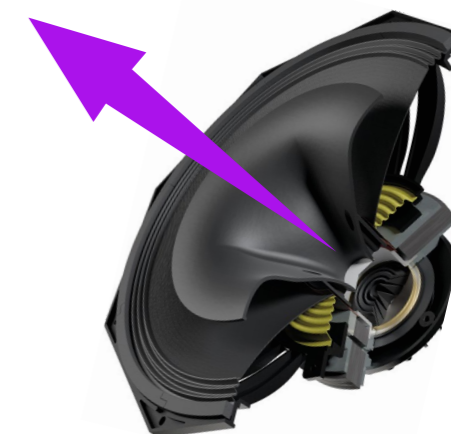
## **AIR ABSORPTION TECHNOLOGY (AAT)**

Our High-Frequency drivers are designed to deliver a perfect reproduction of speech frequency, including a specifically designed absorption ring insert for the magnet system.

## **COAXIAL TECHNOLOGY**

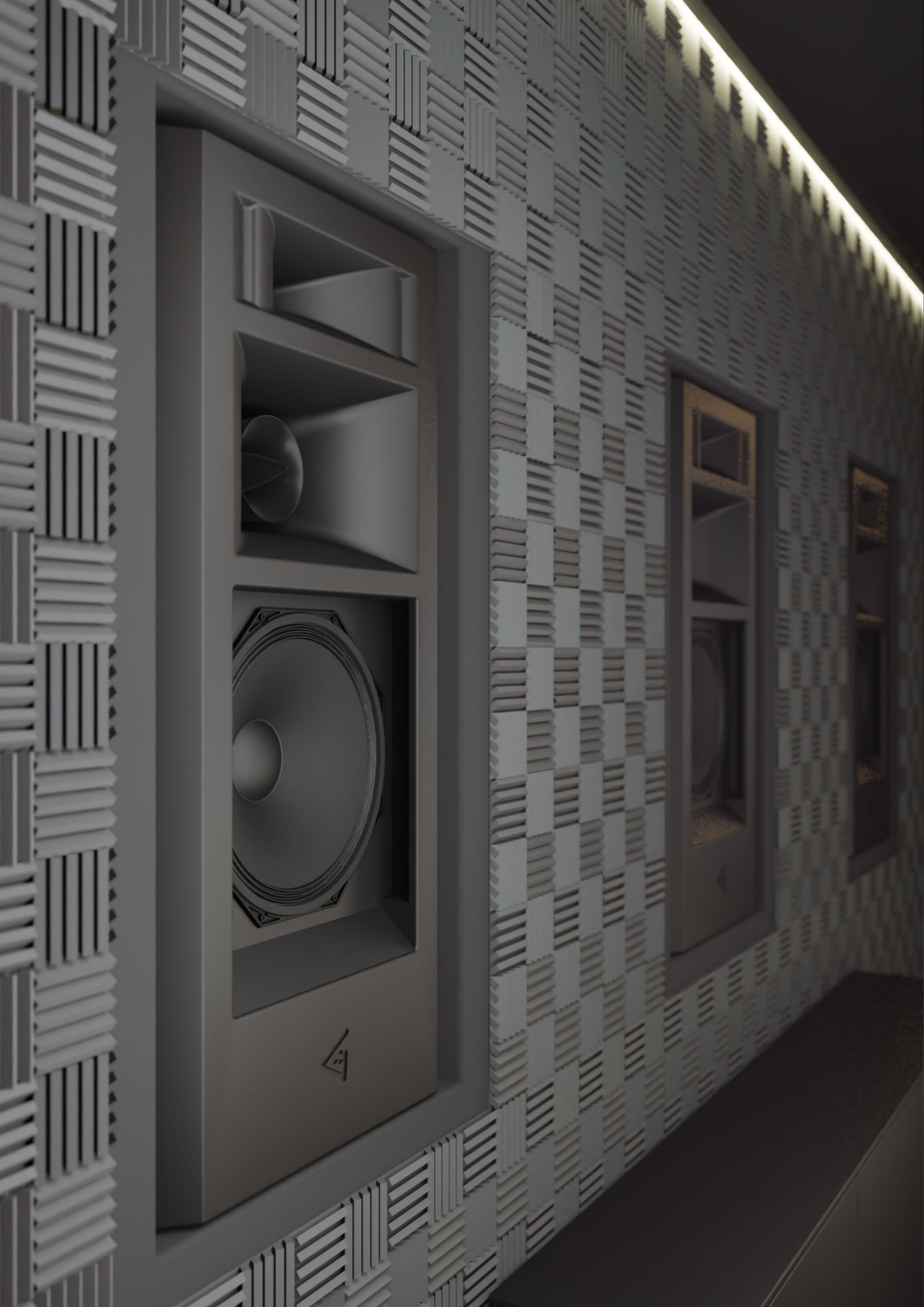


Coaxial technology facilitates precise LF and HF axial alignment, allowing us to design surround speakers that deliver optimal sound quality and an exceptionally accurate audio experience. Additionally, this technology enables sleek enclosures, minimizing visual clutter.





# MAIN SPEAKERS





# FALCON 46

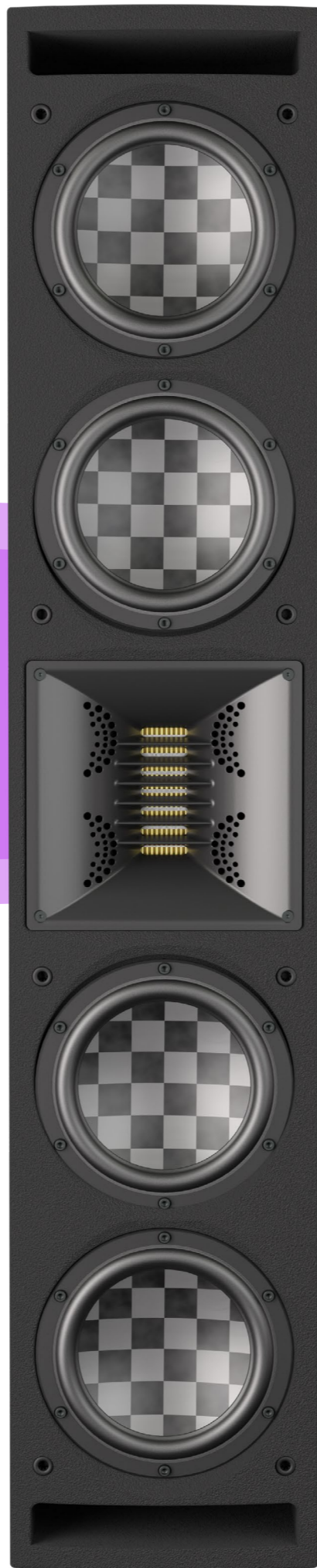
## LED ready slim screen speaker

Introducing the FALCON 46: a pinnacle of home entertainment sophistication, ushering in a new era of immersive experiences that rival the brilliance of high-contrast direct view LED screens. Its cutting-edge 3-way design incorporates the finest components available, featuring ultra-low resonant TeXtreme® woofer cones for unparalleled audio quality.



The FALCON 46's compact form ensures seamless integration into the most confined spaces, while its versatile vertical and horizontal configurations make it ideal for placement above or beside your screen.

FALCON 46	
Frequency response (±3 dB)	50 - 21000 Hz
Frequency range (-10 dB)	45 - 24000 Hz
Max continuous SPL	117 dB
Sensitivity (1W/1m half-space)	93,5 dB
High-frequency driver	3,3" Air Motion Transformer
Mid frequency driver	4 x 2-inch midrange (0,75-inch voice coil)
Low frequency woofer	4 x 6,5-inch (1,4-inch voice coil) TeXtreme cone
Coverage	90° H / 40° V rotatable coverage pattern
Nominal impedance	4 Ohm
Power rating	300 W
Mounting	U-bracket
Connectors	Banana terminal
Dimension (W x H x D)	1010 x 195 x 196 mm
Net weight	12 kg



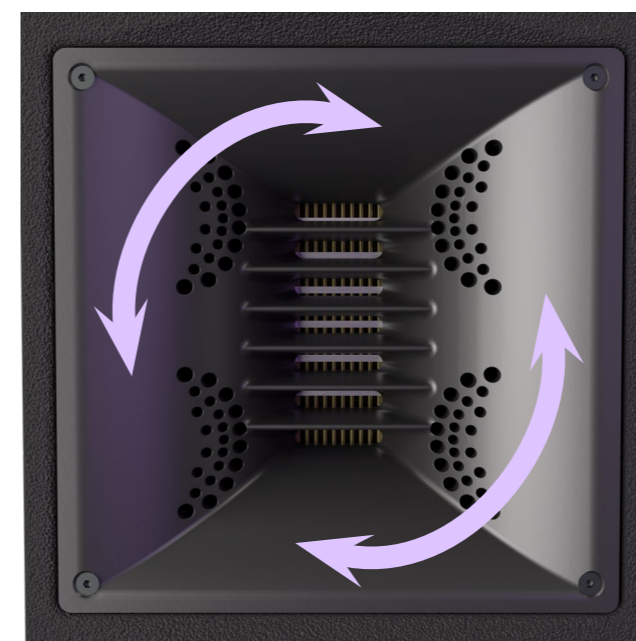
## TEXTREM - CARBON FIBER COMPOSITE

The groundbreaking TeXtreme technology redefines the standards of speaker design, delivering an auditory experience that transcends the ordinary. TeXtreme's advanced carbon fiber material, renowned for its ultra-lightweight yet incredibly rigid properties, minimizes distortion and enhances sound precision, ensuring that every note, every whisper, and every crescendo is captured with pristine accuracy.



With TeXtreme technology, your home cinema speakers are not just speakers—they are a gateway to a world of acoustic brilliance. Elevate your listening experience and indulge in the refined luxury that only TeXtreme can offer.

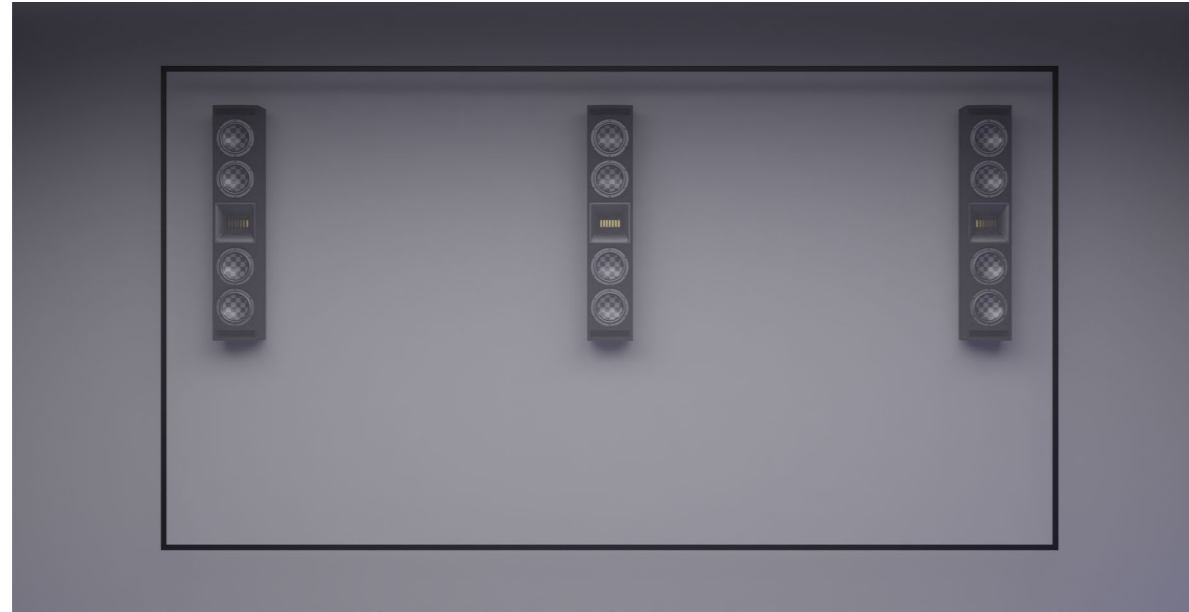
## VERSATILE HORIZONTAL AND VERTICAL



The Falcon 46's revolutionary MHF section is set to redefine speech range reproduction standards. Featuring four low-distortion 2" midrange drivers and an innovative AMT high-frequency driver, seamlessly integrated into a single, cohesive unit, this design guarantees flawless coupling and impeccable phase coherence. The MHF section's adaptable 90° rotation enables the Falcon 46 to deliver exceptional sound quality in both vertical and horizontal orientations, offering unrivaled versatility for the discerning audiophile.



# TRUE IMAGE FOR EVERY HOME CINEMA



The Falcon 46 stands out for its remarkable versatility and adaptability, making it a perfect addition to any sophisticated audio setup. Its sleek and slender design seamlessly complements the latest LED direct view screens, offering a compact size and minimal visual footprint without compromising on powerful performance and precise coverage control. Simultaneously, owners of classic projection screens will revel in the pristine clarity and unmatched intelligibility that the Falcon 46 delivers.



# M15

## High-power main speaker array

The M15 flagship series, like the M12 Series, introduces a new standard in delivering sound to home theaters, combining great coverage with optimal precision. Versions specifically designed for left, right, and center channels ensure optimal coverage to put sound exactly where it belongs for an immersive audio experience.



M15-L and M15-R have their sound axis angled to the left and right, respectively, allowing the sound to be aimed directly at the listening position without the need to rotate the speaker.

	M15-C	M15-L	M15-R
Frequency response (±3 dB)	38 – 20000 Hz	38 – 20000 Hz	38 – 20000 Hz
Frequency response (-10 dB)	35 – 22000 Hz	35 – 22000 Hz	35 – 22000 Hz
Max continuous SPL	126,5 dB	126,5 dB	126,5 dB
Max peak SPL	132,5 dB	132,5 dB	132,5 dB
Sensitivity (1W/1m half-space)	98 dB	98 dB	98 dB
Color	Black	Black	Black
High-frequency driver	1-inch (1,75-inch voice coil) titanium dome		
Mid-range driver	6,5-inch (1,5-inch voice coil) horn loaded		
Low/Mid frequency woofer	15-inch (4-inch voice coil), glass fibre reinforced celluloid cone		
Coverage	90° H x 40° V Coverage Control HF horn horizontal axis panned straight	90° H x 40° V Coverage Control HF horn horizontal axis panned 15° left	90° H x 40° V Coverage Control HF horn horizontal axis panned 15° right
Nominal impedance	4 Ohm	4 Ohm	4 Ohm
Power rating	700 W	700 W	700 W
Connectors	Banana terminals	Banana terminals	Banana terminals
Mounting	4 x M8 points for antishock wall mounting	4 x M8 points for antishock wall mounting	4 x M8 points for antishock wall mounting
Dimension (W x H x D)	600 x 1205 x 305 mm	600 x 1205 x 305 mm	600 x 1205 x 305 mm
Net weight	45,6 kg	45,6 kg	45,6 kg

# M12

## High-performance main speaker array

The M12 series represents a whole new way to deliver sound into a home theater. Versions designed for left, right, and center channels have the optimal coverage to put the sound right where it belongs.



M12-L and M12-R have their sound axis angled to the left and right, respectively, allowing the sound to be aimed directly at the listening position without the need to rotate the speaker itself.

Every MAG Theatron M12 system is equipped with a high-performance 12" long-excursion woofer and a precision HF driver, delivering exceptionally low distortion.

	M12-C	M12-L	M12-R
Frequency response (±3 dB)	50 - 20000 Hz	50 - 20000 Hz	50 - 20000 Hz
Frequency range (-10 dB)	45 - 22000 Hz	45 - 22000 Hz	45 - 22000 Hz
Max continuous SPL	121,5 dB	121,5 dB	121,5 dB
Sensitivity (1W/1m half-space)	97 dB	97 dB	97 dB
High-frequency driver	1-inch (1,75-inch voice coil) titanium dome		
Low/Mid frequency woofer	12-inch (2,5-inch voice coil) reinforced celluloid cone		
Coverage	90° H x 50° V Coverage Control HF horn horizontal axis panned straight	90° H x 50° V Coverage Control HF horn horizontal axis panned 15° left	90° H x 50° V Coverage Control HF horn horizontal axis panned 15° right
Nominal impedance	4 Ohm	4 Ohm	4 Ohm
Power rating	300 W	300 W	300 W
Connectors	Banana terminals	Banana terminals	Banana terminals
Mounting	4 x M8 points for antishock wall mounting	4 x M8 points for antishock wall mounting	4 x M8 points for antishock wall mounting
Dimension (W x H x D)	565 x 840 x 250 mm	565 x 840 x 250 mm	565 x 840 x 250 mm
Net weight	32,2 kg	32,2 kg	32,2 kg

# M8

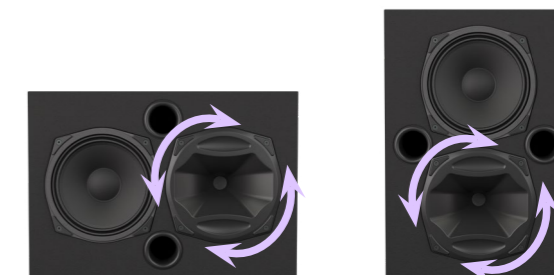
## Compact main speaker array

M8 is a compact screen speaker series designed for home cinema systems. Precision-engineered 8" and 1" components deliver impressive performance, ensuring dynamic and engaging sound reproduction for action-packed scenes



Optional fabric grills allow for easy customization of the M8 series' look. Several mounting options support both wall and in-wall installations.

The M8-C is a dedicated center channel speaker that integrates seamlessly with the M8-LR speaker in both vertical and horizontal configurations, delivering an unparalleled immersive cinema experience



	M8-C	M8-LR
Frequency response (±3 dB)	75 - 20000 Hz	75 - 20000 Hz
Frequency range (-10 dB)	65 - 22000 Hz	65 - 22000 Hz
Max continuous SPL	118,5 dB	118,5 dB
Sensitivity (1W/1m half-space)	95,5 dB	95,5 dB
High-frequency driver	1-inch (1,75-inch voice coil) titanium dome	1-inch (1,75-inch voice coil) titanium dome
Low/Mid frequency woofer	8-inch (2-inch voice coil) reinforced celluloid cone	8-inch (2-inch voice coil) reinforced celluloid cone
Coverage	90° H / 50° V rotatable coverage pattern	-30 +60° H / 50° V rotatable coverage pattern
Nominal impedance	4 Ohm	4 Ohm
Power rating	200 W	200 W
Mounting	VESA 100 x 100, 4 x M5 side points for specially designed mounting Removable grill	VESA 100 x 100, 4 x M5 side points for specially designed mounting Removable grill
Connectors	Banana terminals	Banana terminals
Dimension (W x H x D)	335 x 480 x 185 mm (w/ grill) 335 x 480 x 160 mm (w/o grill)	335 x 480 x 185 mm (w/ grill) 335 x 480 x 160 mm (w/o grill)
Net weight	8 kg	8 kg



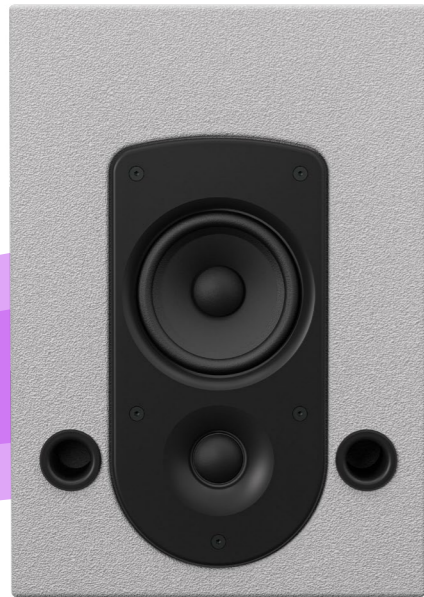
# SURROUNDS AND CEILING



# S series

## Compact surround speakers

The Slim series introduces a new dimension of compactness and sound precision – ultra-compact speaker solutions designed for small to medium-sized home cinemas.



An optional magnetic fabric grill is available for exterior customization, which greatly simplifies installation.

Surround speakers are equipped with brackets for wall or in-wall installations, compatible with the VESA 100 x 100.



A high-frequency horn with Coverage Control Technology delivers sound directly to the listening position, eliminating the need to tilt the speaker.

Don't be misled by the size – the 4" woofer with a long-excursion rubber surround is capable of delivering convincing sound pressure even at the lower end of its frequency range.

## S4

## S6



## S8



Theatron Surround Slim Speakers are characterized by particularly compact cabinet dimensions. This means more space and a better sound experience without compromise. Professional-grade technology that is visible and audible.

S4	
Frequency response (±3 dB)	100 – 20000 Hz
Frequency range (-10 dB)	80 – 21000 Hz
Max continuous SPL	105 dB
Sensitivity (1W/1m half-space)	88 dB
High-frequency driver	1" carbon fiber diaphragm, 1" voice coil neodymium magnetic system
Low/Mid frequency woofer	4" long excursion rubber surround, 1" voice coil
Nominal impedance	8 Ohm
Coverage Horizontal	60°-90° H
Coverage Vertical	+5 -35° V coverage control HF horn vertical axis tilted 15° down
Power rating	50 W
Mounting	VESA 100 x 100, 4 x M5 side points for specially designed mounting, removable grill
Connectors	Banana terminals
Dimension (W x H x D)	225 x 320 x 83 mm (w/ grill), 225 x 320 x 73 mm (w/o grill)
Net weight	3,6 kg

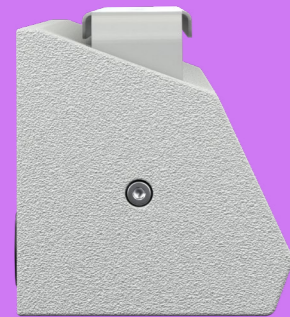
	S6	S8
Frequency response (±3 dB)	90 – 20000 Hz	75 – 20000 Hz
Frequency range (-10 dB)	80 – 22000 Hz	65 – 22000 Hz
Max continuous SPL	115,5 dB	118,5 dB
Sensitivity (1W/1m half-space)	94 dB	95,5 dB
High-frequency driver	0,75-inch (1,5-inch voice coil) titanium dome	0,75-inch (1,5-inch voice coil) titanium dome
Low/Mid frequency woofer	6-inch (1,75 inch voice coil) reinforced celluloid cone	8-inch (2 inch voice coil) reinforced celluloid cone
Coverage Horizontal	60°-90° H	60°-90° H
Coverage Vertical	+5 -35° V coverage control HF horn vertical axis tilted 15° down	+5 -35° V coverage control HF horn vertical axis tilted 15° down
Nominal impedance	4 Ohm	4 Ohm
Power rating	150 W	200 W
Mounting	VESA 100 x 100, 4 x M5 side points for specially designed mounting, removable grill	
Connectors	Banana terminals	Banana terminals
Dimension (W x H x D)	280 x 400 x 125 mm (w/ grill) 280 x 400 x 110 mm (w/o grill)	335 x 480 x 175 mm (w/ grill) 335 x 480 x 159 mm (w/o grill)
Net weight	6 kg	7 kg



# CS44

## Ceiling-mounted surround

MAG Theatron CS44 is the subcompact surround system designed for the smallest visual footprint inside your home cinema. Equipped with dual 4" woofers, CS44 provides impact and performance, rivaling much larger systems.



The HF horn with Coverage Control Technology distributes the sound evenly across the listening area compensating for the tilted elevated speaker position.

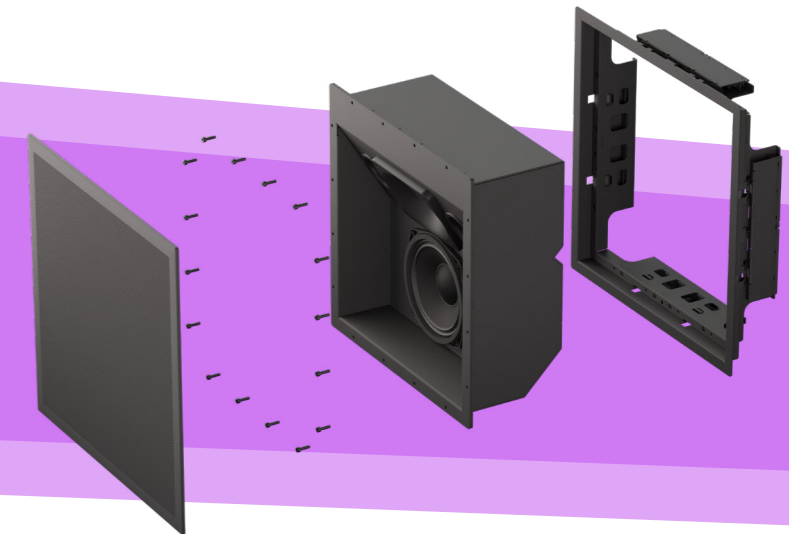
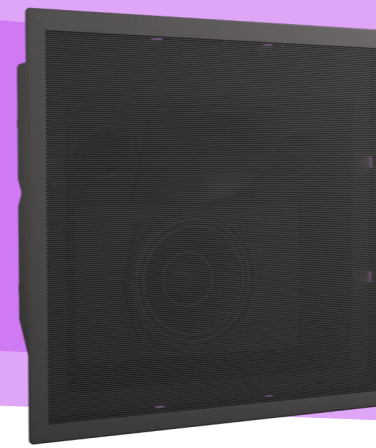
Included mounting bracket provides flexibility in tilt angle and multiple fixing holes for different installation scenarios.

CS44	
Frequency response (±3 dB)	95 - 20000 Hz
Frequency range (-10 dB)	75 - 22000 Hz
Max continuous SPL	110 dB
Sensitivity (1W/1m half-space)	90 dB
High-frequency driver	0,75-inch (1,5-inch voice coil) titanium dome
Low/Mid frequency woofer	two 4-inch (1,75 inch voice coil)
Coverage	60°-90° H / +5 -35° V coverage control HF horn vertical axis tilted 15° down
Nominal impedance	8 Ohm
Power rating	100 W
Mounting	Built-in mounting bracket
Connectors	Banana terminals
Dimension (W x H x D)	458 x 155 x 162 mm (w/ grill) 458 x 155 x 154 mm (w/o grill)
Net weight	6 kg

# CS-6

## In-surface surround

The CS-6 is the ultimate, perfectly aimed yet discreet surround speaker, designed for seamless installation into walls or ceilings. Boasting a long excursion 6" woofer and a horn-mounted high frequency driver, this speaker promises unmatched audio performance. Thanks to its 30° tilted sound axis, the CS-6 is the perfect choice for top frontal surround or high-side surround positions.



The CS-6 is engineered for effortless and swift installation. Its innovative mounting frame features a quick-lock surface-mount system, allowing the speaker to be securely attached to this foundational frame with ease. The entire assembly is elegantly concealed with a removable, magnetically-held grille, ensuring a sleek and seamless appearance.

CS-6	
Frequency range (-10 dB)	90 - 18000 Hz
Max continuous SPL	15,5 dB
Sensitivity (1W/1m half-space)	94 dB
LF Driver	6", 1,75" VC
HF Driver	1", 1" VC
Coverage	80° x 60°
Front panel tilt angle	30°
Nominal impedance	8 Ohm
Power rating	150 W
Mounting	Built-in mounting frame
Connectors	Phoenix
Dimension (W x H x D)	422 x 422 x 182 mm (w/ grill) 418 x 418 x 177 mm (w/o grill)
Net weight	8,6 kg

# CSX-6



## In-surface coaxial surround

The CSX-6 is the ultimate, precisely aimed yet discreet surround speaker, designed for invisible installation directly into walls or ceilings. Featuring the 6" coaxial driver, this speaker delivers the perfect sound positioning precision. Thanks to its 20° tilted sound axis, the CSX-6 is the ideal choice for overhead top surround or side surround positions.



# SUBWOOFERS



Just like the CS-6, the CXS-6 is installed using a mounting frame featuring a quick-lock surface-mount system, securely attaching the speaker to the frame. The entire assembly is covered with a removable, magnetically attached, acoustically transparent grille, ensuring a sleek and seamless appearance



	CSX-6
Frequency range (-6/+3 dB)	85 – 18000 Hz
Max continuous SPL	115,5 dB
Sensitivity (1W/1m half-space)	94 dB
Sensitivity (1W/1m) (free-space)	91 dB
Drivers	6" Coaxial
Front panel tilt angle	20°
Coverage	100° x 100°
Nominal impedance	4 Ohm
Power rating	150 W
Mounting	Built-in mounting frame
Connectors	Phoenix
Dimension (W x H x D)	368 x 368 x 186 mm (w/ grill) 364 x 364 x 182 mm (w/o grill)
Net weight	7,6 kg



# CB-X12

## Cinema subwoofer

The CB-X12 Active Subwoofer represents the pinnacle of bass performance, delivering fast, controlled, and deep sound that transforms your home theater experience.



Designed as the core of your Multi Subwoofer System (MSS), the CB-X12 ensures consistent bass coverage across the entire room. With multiple subs strategically placed and processed independently (using Delay and EQ), this system eliminates standing wave issues common with single subwoofers, providing a uniform low-frequency experience for every seat.

**Infrasonic Excellence:** Infrasonic bass is essential for a high-performance home theater. It pressurizes the room and evokes the physical response intended by many soundtracks. The CB-X12 delivers extremely low bass frequencies, providing the foundation for an exceptional immersive audio experience.

CB-X12	
Cabinet	Closed box, internally braced birch ply and MDF
Amplifier	1200W, class D with DSP
Sensitivity	+4 dBu (1,23 V) Studio -10 dBV (0,32 V) Domestic
Driver	12", 3" sandwich VC, aluminum shorting rings, multi-layer Bimax spiders, ±20 mm linear excursion
Frequency response (-6dB), Bass boost on (Large Room)	19,8 - LPF 55/165 Hz
Frequency response (-6dB), Bass boost off (Small Room)	23 - LPF 55/165 Hz
Frequency response (-6dB), Direct	39 - 500 Hz
Inputs	Balanced XLR - 2 pcs Unbalanced RCA - 2 pcs
Low Pass Filter	55 - 165 Hz/-3dB, slope 24dB/oct.
Phase	variable 0-360°
Bass Boost	+4 dB / 20 Hz
Auto turn on/off	Auto (Signal Detect); Trigger 12V (In - out)
Dimension (HxWxD)	385 x 360 x 429 mm
Weight	27,0 kg

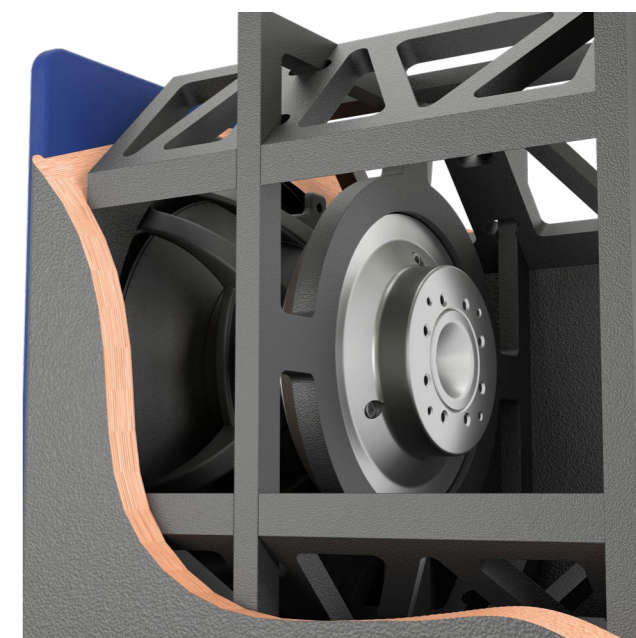


## ULTIMATE 12" WOOFER

At the heart of the CB-X12 lies a meticulously engineered 12" long-throw driver. This driver delivers deep, impactful bass characterized by precision and power, providing the foundation for an exceptional immersive audio experience.

## RESONANCE-FREE ENCLOSURE

The CB-X12 features a heavy and sophisticated internal cabinet bracing system. This advanced design effectively eliminates unwanted resonances, ensuring clear and accurate sound reproduction. The robust construction enhances the subwoofer's overall performance and durability, delivering pure, distortion-free bass.



# SBV-21



## High-performance subwoofer

Compact subwoofers are meant to deliver a new immersive depth into your cinema experience. The SBV-21 sets a new benchmark for home cinemas, offering the performance and immersive experience of a full-scale theater. At the heart of this powerful speaker is a state-of-the-art 21" woofer, featuring an impressive 4.5" large-diameter voice coil that completely eliminates thermal compression, ensuring consistent and reliable sound quality at all times.

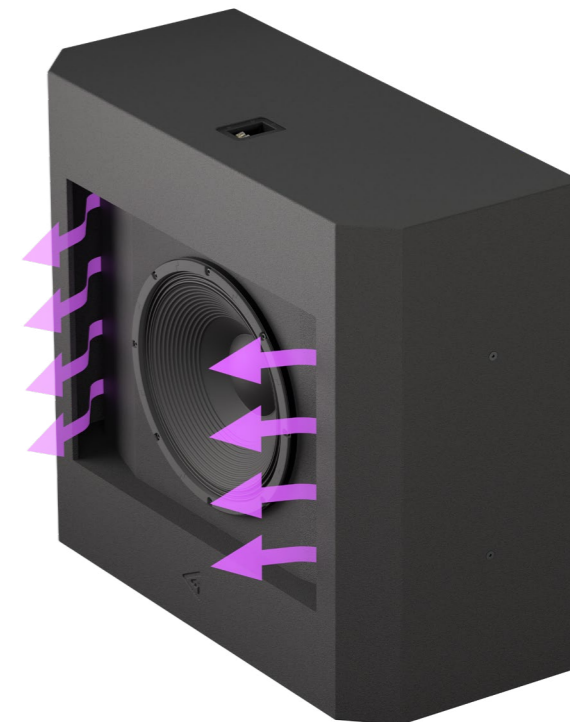
Our innovative InvisiVent technology guarantees truly silent operation, preventing even the slightest screen movement caused by airflow, so you can focus solely on the cinematic experience. Additionally, the SBV-21 offers versatile installation options with its antishock mounting system, allowing for seamless integration into any home cinema setup.



## WOOFER INVISIBLE VENT TECHNOLOGY

The SBV-21 features the revolutionary Woofer Invisible Vent Technology (WIVT) seamlessly integrates into the design of our main speakers to provide an immaculate listening experience.

With deep, precise, and powerful bass each woofer fills your room with cinematic sound, free from the distractions of vent noise, thanks to the generous sizing of the vents.



Uncompromised quality control allows us to be absolutely confident in our products and to proudly provide the longest warranty term available on the market – 10 years for each item.

The lightweight yet rigid multi-layer speaker cone provides the highest level of performance. A 4" high-temperature voice coil that eliminates thermal compression. The Nd-Ferrite hybrid magnet system including aluminum closed rings is used to stabilize the inductance and minimize distortion.

	SBV-21
Frequency response ( $\pm 3$ dB)	22 - 150 Hz
Frequency response (-10 dB)	19 - 250 Hz
Max continuous SPL	128 dB
Sensitivity (1W/1m), dB	98 dB
Low frequency woofer	21-inch 4,5-inch voice coil glass-fiber reinforced cone
Nominal impedance	4 Ohm
Power rating	1000 W
Mounting	4 x M10 points for an antishock mounting
Connectors	Banana terminals
Dimension (W x H x D)	1150 x 1100 x 500 mm
Net weight	93 kg



# DBA

## Double bass array subwoofers

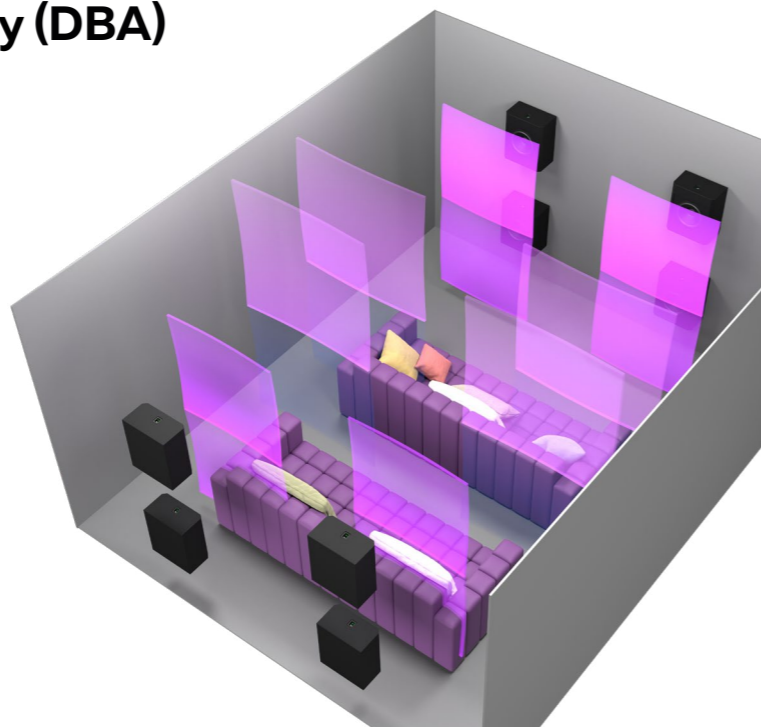


The DBA Series subwoofers are exquisitely engineered for double bass array setups, these subwoofers redefine sound performance with an unparalleled blend of power and precision. Our bespoke woofers, crafted with meticulous attention to detail, boast exceptionally low distortion and remarkable sensitivity. The advanced long excursion suspension system extends the

range of linear movement, dramatically reducing distortion for a pure, immersive audio experience. Encased in a refined closed-box design, these subwoofers deliver a flawlessly smooth low-frequency response with minimal phase distortion, ensuring seamless installation and fine-tuning for any environment. Elevate your auditory senses with the DBA Series Subwoofers – where sophistication meets sonic excellence.

## Double Bass Array Technology (DBA)

A Double Bass Array (DBA) is an advanced sound technology designed for home cinemas to deliver powerful and precise low-frequency audio. By using multiple subwoofers placed strategically at the front and rear of the room, a DBA minimizes room modes and standing waves, resulting in even bass distribution throughout the space. This setup ensures a more immersive and balanced audio experience, eliminating the boominess and dead spots typical in conventional subwoofer configurations.



## DBA-12

## DBA-15

## DBA-18

## DBA-21



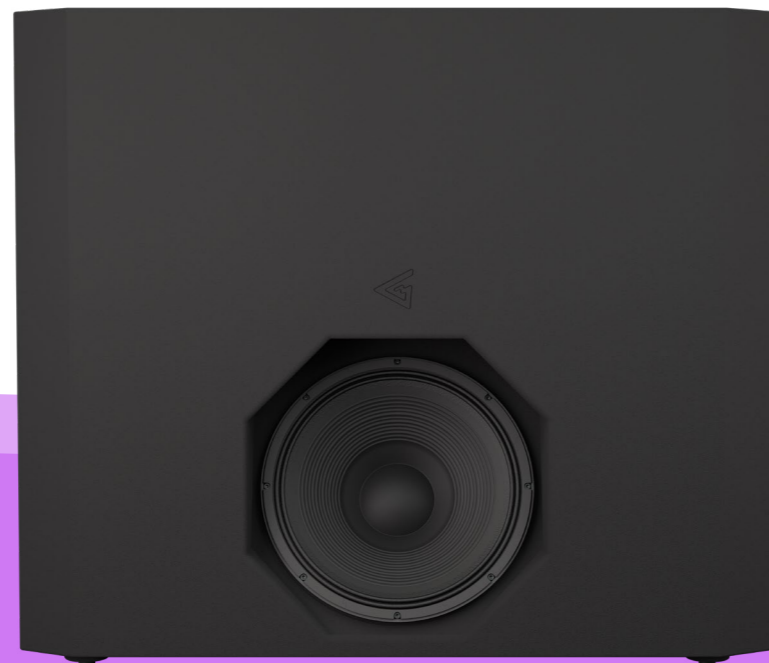
	DBA-12	DBA-15
Frequency response ( $\pm 3$ dB)	33 – 200 Hz	30 – 150 Hz
Frequency range (-10 dB)	27 – 500 Hz	24 – 300 Hz
Max continuous SPL	116 dB	119 dB
Sensitivity (1W/1m half-space)	91 dB	93 dB
Low frequency woofer	12-inch (2-inch voice coil) rubber surround long-excursion woofer	15-inch (4-inch voice coil) ridged glass-fiber reinforced enclosure
Nominal impedance	4 Ohm	4 Ohm
Power rating	300 W	400 W
Connectors	Banana terminals	Banana terminals
Mounting	Antishock wall mounting adapters 4 x M5 points for floor mounting	Antishock wall mounting adapters 4 x M5 points for floor mounting
Color	Black	Black
Dimension (W x H x D)	565 x 845 x 250 mm	670 x 850 x 330 mm
Net weight	32 kg	40 kg

	DBA-18	DBA-21
Frequency response ( $\pm 3$ dB)	30 – 150 Hz	25 – 150 Hz
Frequency range (-10 dB)	24 – 300 Hz	20 – 300 Hz
Max continuous SPL	122,5 dB	127 dB
Sensitivity (1W/1m half-space)	95 dB	97 dB
Low frequency woofer	18-inch (4-inch voice coil) ridged glass-fiber reinforced enclosure	21-inch (4,5-inch voice coil) ridged glass-fiber reinforced enclosure
Nominal impedance	4 Ohm	4 Ohm
Power rating	600 W	1000 W
Connectors	Banana terminals	Banana terminals
Mounting	4 x M5 points for floor mounting	4 x M5 points for floor mounting
Color	Black	Black
Dimension (W x H x D)	700 x 850 x 395 mm	1000 x 1000 x 395 mm
Net weight	46 kg	56 kg

# THEATHOR-24

## Ultimate home cinema subwoofer

Experience the ultimate in-home premium cinema subwoofer with the THEATHOR-24. Featuring cinema-grade infra-sub capabilities that surpass standard subwoofers, it boasts a custom-built 24" woofer with exceptional linear excursion.



Leveraging ingenious acoustic design, the THEATHOR-24 pushes the performance envelope with its tremendous impactful blast, accurate articulation, and immense power.



Designed for seamless integration, the THEATHOR-24 is exceptionally slim to fit snugly behind the screen, with the option for direct wall mounting using shock-absorbing brackets.

THEATHOR-24 has a ULTIMATE enclosure. A proprietary 3D tunnel cabinet design is called in to roll out the maximum output and lowest possible frequency threshold. At the same time, the depth is preserved very slim to easily fit even in the narrow space behind the screen.

The effective system of internal braces keeps the structure extremely rigid and can withstand the tremendous pressure that is mounted by the driver.

THEATHOR-24 has the ULTIMATE driver. The 24" driver inhabiting these subwoofers is the pinnacle of low-frequency reinforcement technology and know-how.

Double Demodulation Ring Technology offers supreme control over the harmonic distortion, allowing for clean and smooth performance and precision dynamics.

The magnet system is based on the 250 mm ferrite magnet ring providing massive energy for solid bottom-end performance.



The Triple Cooling Technology and large 4,5" three-layer voice coil ensure the best possible cooling and guarantee many hours of non-stop operation for years and years of carefree service.



### THEATHOR-24

Frequency range ( $\pm 3$ dB)	18 - 120 Hz
Frequency range (-10 dB)	16 - 140 Hz
Max continuous SPL (1W/1m)	135 dB
Sensitivity (1W/1m halfspace)	101 dB
Low-frequency woofer	24"-inch (4,5-inch voice coil) ridged glass-fiber reinforced cone
Nominal impedance	8 Ohm
Power rating	2500 W
Connectors	Banana terminal
Mounting	8 x M10 for transportation handles
Dimension (W x H x D)	1700 x 1460 x 600 mm
Net weight	207 kg
Color	Black

### CTA-2010 RESULTS (Peak SPL 1m)

Model	Driver	Parametr	63	50	40	31,5	25	20	18	16
THEATHOR-24	24"	Freq, Hz								
		SPL, dB	135 (amp limiter)	135 (amp limiter)	135	135,5	132	128,5	121	117,5



# HAMMER

## High-performance subwoofers

Introducing the Hammer Series Subwoofers: redefining your cinematic experience with stunning, immersive depth. Featuring long-excursion drivers, these subwoofers deliver unparalleled precision in low-frequency sound.

The compact cabinet design incorporates a hybrid vented labyrinth, optimizing space while eliminating vent air turbulence for a pure audio experience. With glass-fiber reinforced cones, every component is meticulously crafted to ensure smooth frequency response and impressive sound pressure levels. Elevate your sound with the Hammer Series Subwoofers – where superior design meets exceptional performance.



# SLIM-110

## In-Wall Subwoofer

The SLIM-110 is an intricately designed in-wall subwoofer, created for ease of integration into the most space-limited rooms. Its paper-thin construction, along with the surprising sound performance, is the perfect solution for spaces demanding both sound excellence and a minimalist sound system visual imprint.

Being less than 10cm deep, the SLIM-110 delivers a high-end experience in spaces where no other subwoofer can fit. It features innovative cooling and in-cabinet airflow control design, as well as an adaptable mounting system, providing minimal installation or service efforts.



The SLIM-110 is built around a 10" woofer featuring a rigid dual-aluminum cone and long-throw rubber surround. The innovative internal design allows for the woofer's depth to be remarkably low without any compromises on sound performance or reliability.

	HAMMER-12	HAMMER-15
Frequency response (±3 dB)	22 - 120 Hz	18 - 120 Hz
Frequency response (-10 dB)	20 - 160 Hz	16 - 140 Hz
Max continuous SPL (See CTA table)	121 dB	124 dB
Sensitivity (1W/1m), dB	92	94
Low frequency woofer	12-inch 3-inch voice coil glass-fiber reinforced cone	15-inch 4-inch voice coil sandwich cone
Nominal impedance	4 Ohm	4 Ohm
Power rating	800 W	1000 W
Connectors	Banana terminals	Banana terminals
Dimension (W x H x D)	565 x 845 x 256 mm	540 x 1210 x 305 mm
Net weight	36 kg	49 kg

CTA-2010 RESULTS (Peak SPL 1m)													
Model	Driver	Parametr	avg					avg					
Hammer-12	12"	Freq, Hz	80	40-63	63	50	40	20-31,5	31,5	25	20	18	16
		SPL, dB	128,5	125,4	127,5	125	123	118,1	121	120	109	101,5	95,5
Hammer-15	15"	Freq, Hz	80	40-63	63	50	40	20-31,5	31,5	25	20	18	16
		SPL, dB	134	128,9	132	129	124	120,6	121,5	121	119	112	108

	SLIM-110
Frequency response (±3 dB)	33 - 200 Hz
Frequency response (-10 dB)	25 - 300 Hz
Max continuous SPL	See CTA table
Sensitivity (1W/1m), dB	86 dB
Low frequency woofer	10-inch 3-inch voice coil dual aluminum cone neodymium magnet
Nominal impedance	4 Ohm
Power rating	200 W
Connectors	Phoenix
Dimension (W x H x D)	355 x 955 x 98 mm 355 x 1025 x 98 mm - with corners
Net weight	12,6 kg

CTA-2010 RESULTS (Peak SPL 1m)													
Model	Driver	Loading	Parametr	avg					avg				
2 x Slim-110	10"	sealed box	Freq, Hz	80	40-63	63	50	40	20-31,5	31,5	25	20	
			SPL, dB	124	121,3	124	122,2	116	105,8	111	103,5	98	

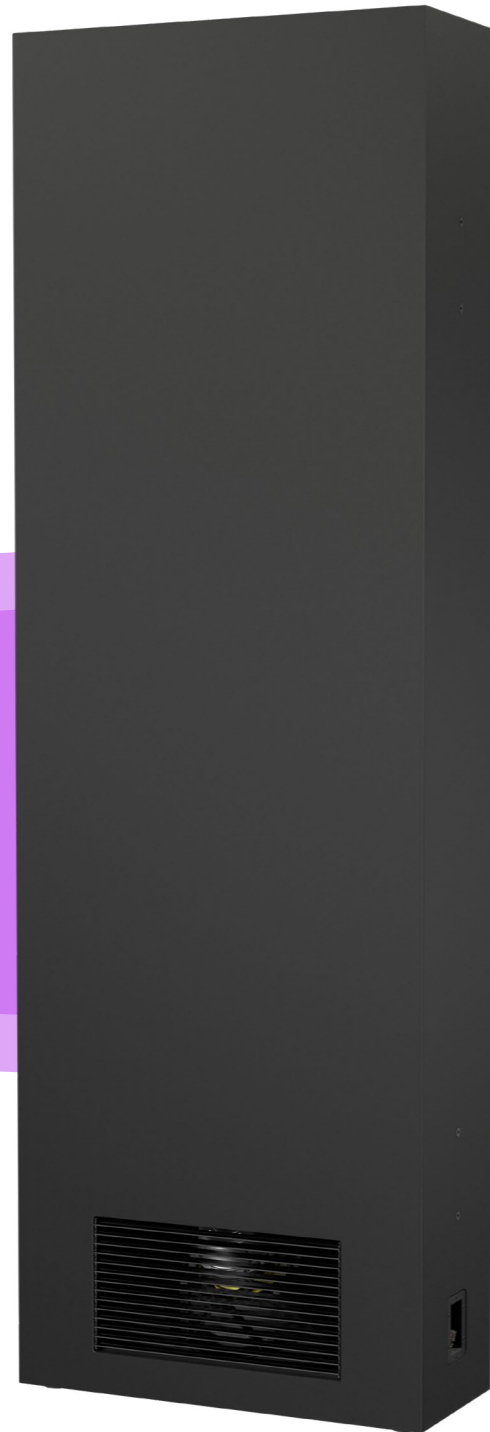
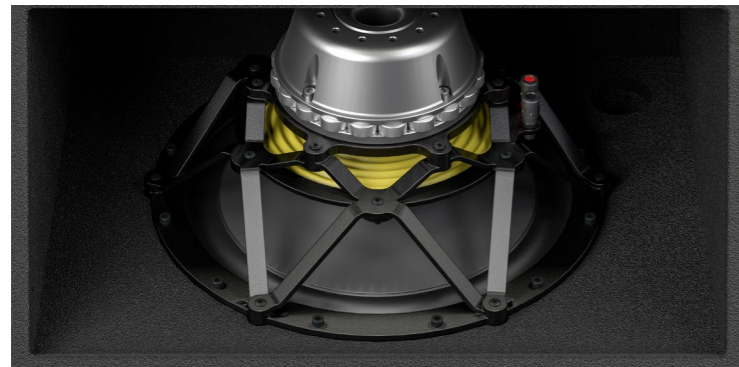


# THOR-Vi

## In-wall home cinema subwoofer

Experience the next evolution of our award-winning THOR series: introducing the THOR-Vi, the Ultimate Cinema Subwoofer. Elevate your home theater with this masterpiece that delivers unrivaled power and breathtaking low-frequency effects, all in a subtle, unobtrusive design that blends seamlessly into any space.

The THOR-Vi is equipped with a custom-engineered 12" long-excursion woofer, meticulously designed for the ultimate audio experience. With its remarkably slim profile, the THOR-Vi is effortlessly integrated into your walls, providing a discreet yet commanding presence.



# ULTIMATE SCREEN WALL ARRAY

# AVALON



### THOR-Vi

Frequency response ( $\pm 3$ dB)	17 - 160 Hz
Frequency response (-10 dB)	15 - 200 Hz
Max continuous SPL	124 dB
Sensitivity (1W/1m half-space)	96 dB
Low frequency woofer	12-inch (4-inch voice coil) ridged glass-fiber reinforced enclosure
Nominal impedance	4 Ohm
Power rating	600 W
Connectors	Banana terminals
Dimension (W x H x D)	750 x 2312 x 305 mm
Net weight	88,6 kg



# AVALON

## Ultimate Screen Wall Array

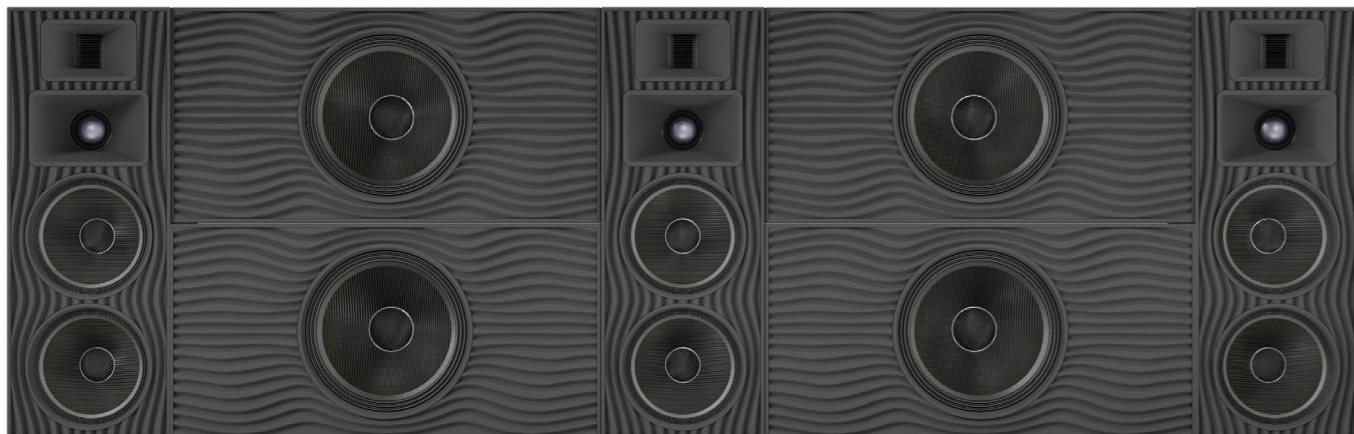


Indulge in the ultimate luxury of a home cinema experience reimagined. The Ultimate Screen Wall Array offers an exquisite front speaker ensemble that transcends sound limits, enveloping you in a symphony of opulence.

At its core, the Ultimate Screen Wall Array boasts bespoke components meticulously crafted for unrivaled auditory excellence. With their lightweight yet ultra-rigid full carbon cones, the woofers deliver remarkable transients and a deep, powerful bass that resonates with precision.

The mid-range section, expertly engineered, provides a flawless reproduction of the spoken word, seamlessly blending the lines between reality and illusion.

Elevating high-frequency performance to an art form, the Air Motion Transformer captures the zenith of audio technology, offering an unmatched clarity and transparency that immerses you fully into the soundscape, transforming your listening into a truly sublime experience.



## AVALON SUB AVALON TOP C AVALON TOP L AVALON TOP R



	AVALON TOP C	AVALON TOP L	AVALON TOP R
Frequency response ( $\pm 3$ dB)	38 – 22000 Hz	38 – 22000 Hz	38 – 22000 Hz
Frequency range (-10 dB)	32 – 25000 Hz	32 – 25000 Hz	32 – 25000 Hz
Peak SPL	131 dB	131 dB	131 dB
Sensitivity (1W/1m half-space)	98 dB	98 dB	98 dB
High-frequency driver	6,5" Air Motion Transformer	6,5" Air Motion Transformer	6,5" Air Motion Transformer
Mid frequency driver	4" titanium dome 4" VC driver	4" titanium dome 4" VC driver	4" titanium dome 4" VC driver
Low frequency woofer	15" long excursion woofer, 3" voice coil, carbon cone 15" passive radiator	15" long excursion woofer, 3" voice coil, carbon cone 15" passive radiator	15" long excursion woofer, 3" voice coil, carbon cone 15" passive radiator
Nominal coverage	100° H x 40° V Coverage Control MF and HF horns straight horizontal axis	100° H x 40° V Coverage Control MF and HF horns horizontal axis panned 15° left	100° H x 40° V Coverage Control MF and HF horns horizontal axis panned 15° right
Nominal impedance	4 Ohm	4 Ohm	4 Ohm
Power rating	500 W	500 W	500 W
Connectors	Phoenix Terminal	Phoenix Terminal	Phoenix Terminal
Dimension (W x H x D)	500 x 1325 x 353 mm	500 x 1325 x 353 mm	500 x 1325 x 353 mm
Net weight	80 kg	80 kg	80 kg

### AVALON SUB

Frequency response ( $\pm 3$ dB)	30 – 150 Hz
Frequency range (-10 dB)	24 – 250 Hz
Peak SPL	132 dB
Sensitivity (1W/1m half-space)	96 dB
Low frequency woofer	21-inch long excursion suspension 4" voice coil woofer, carbon cone
Nominal impedance	4 Ohm
Power rating	1000 W
Connectors	Phoenix Terminal
Dimension (W x H x D)	660 x 1325 x 353 mm
Net weight	85 kg

# SPEAKER SELECTION GUIDE



## Choosing the Right MAG Theatron Speakers for Your Space

Selecting the right speakers is crucial when creating the ultimate home cinema experience. MAG Theatron offers a range of premium speakers, all of which deliver exceptional sound quality. However, choosing the right model for your room size is essential to realize its potential and fully enhance your audio experience. Here's why selecting the right MAG Theatron speaker for your room size matters:

1. Optimal Sound Quality.
2. Enhanced Immersion.
3. Efficient Acoustic Performance.
4. Aesthetic Integration.
5. Superior Audio Experience.

### Reference Sound Levels for MAG Theatron Speakers:

- 105 dB** - Professional-grade sound for an unparalleled audio experience.
- 102 dB** - A slightly lower but still considerable level, perfect for high-quality audio enjoyment.
- 99 dB** - An excellent level for most home entertainment setups, ensuring clear and enjoyable sound.

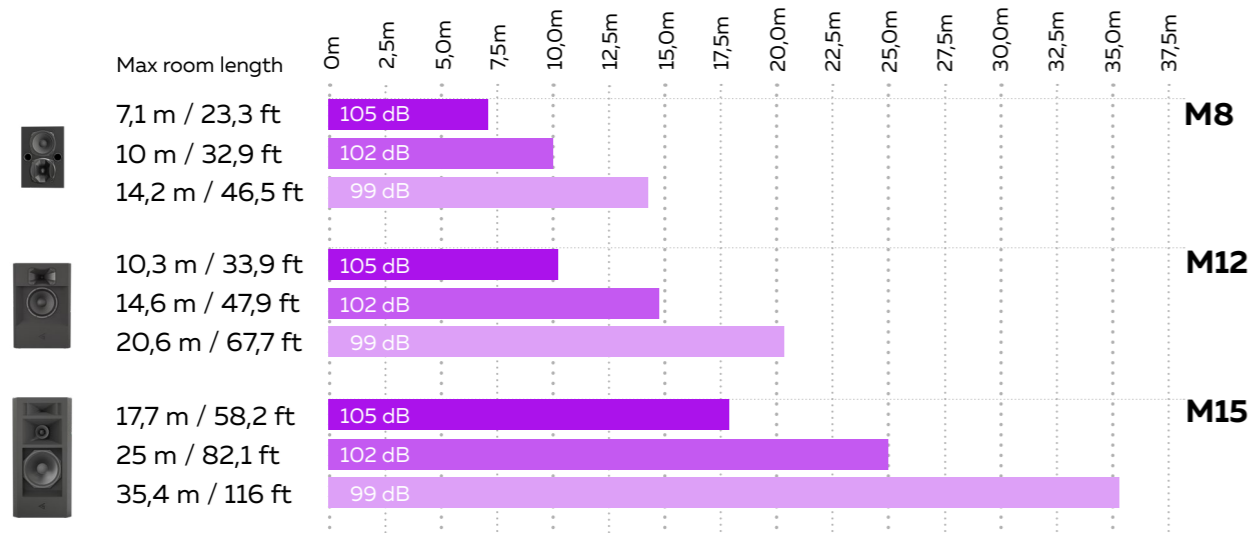
Subwoofers are typically aimed at +10 dB levels compared to main speakers:

115 dB / 112 dB / 109 dB

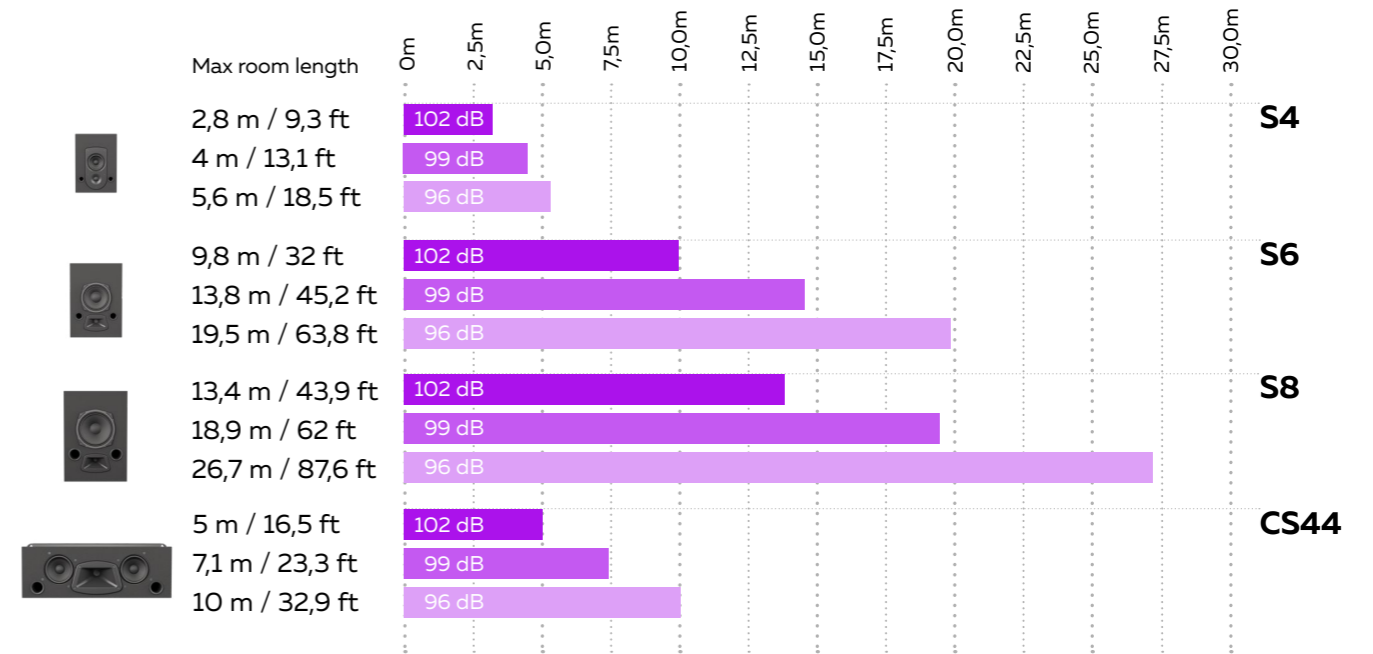
Surround speakers are targeted at -3 dB levels compared to main speakers:

102 dB / 99 dB / 96 dB

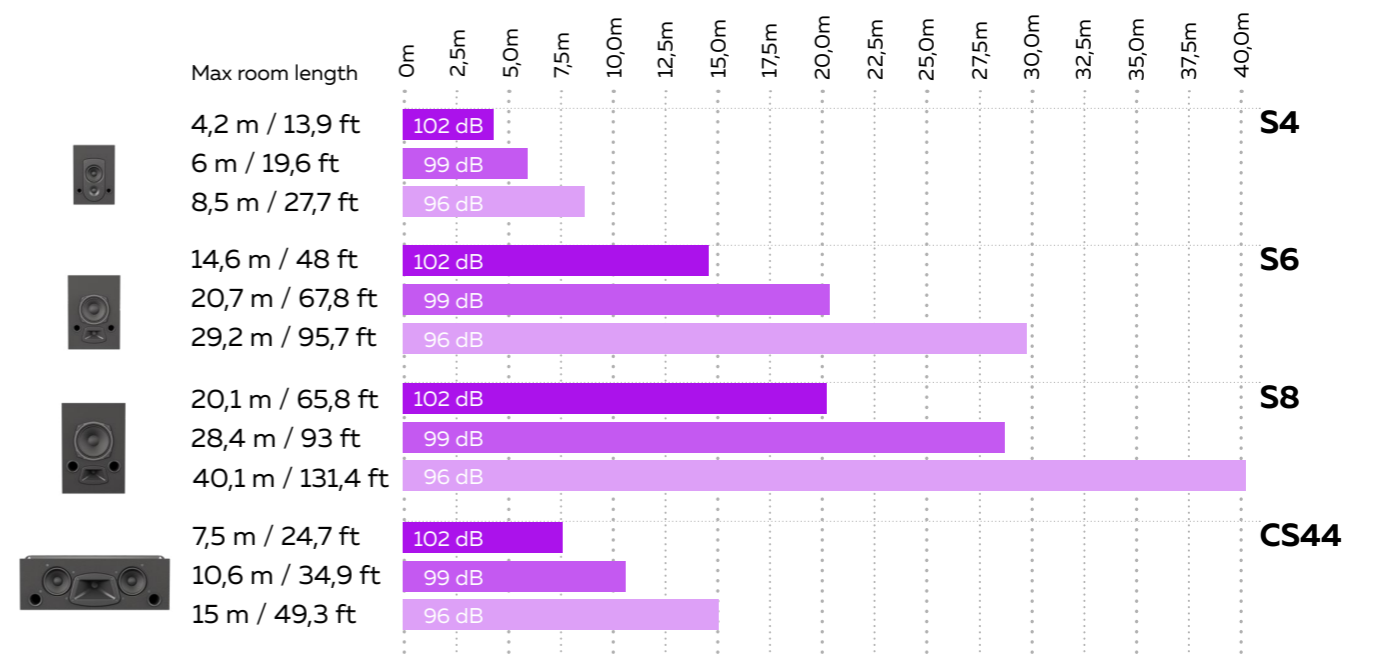
### Main speakers (Screen speakers)



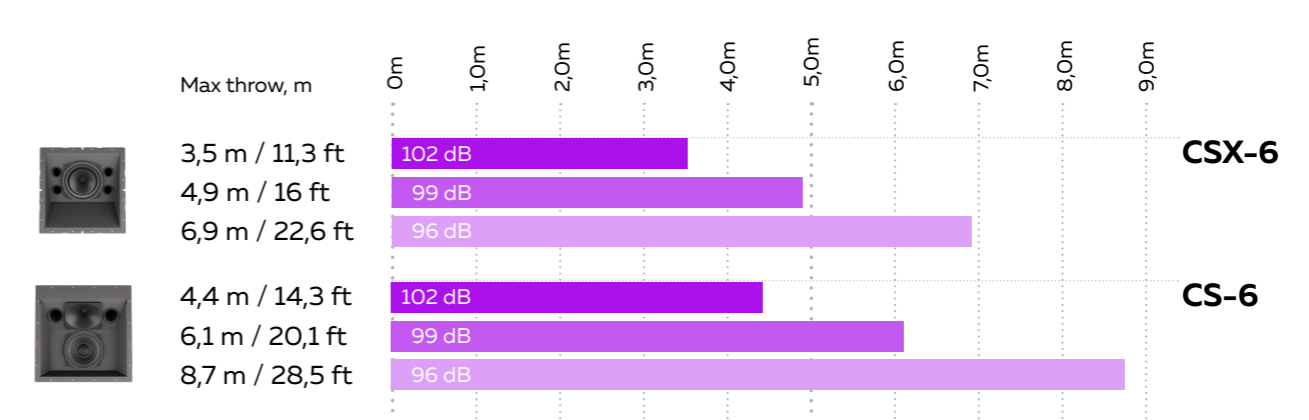
### Surrounds (Side wall)



### Surrounds (Rear wall)

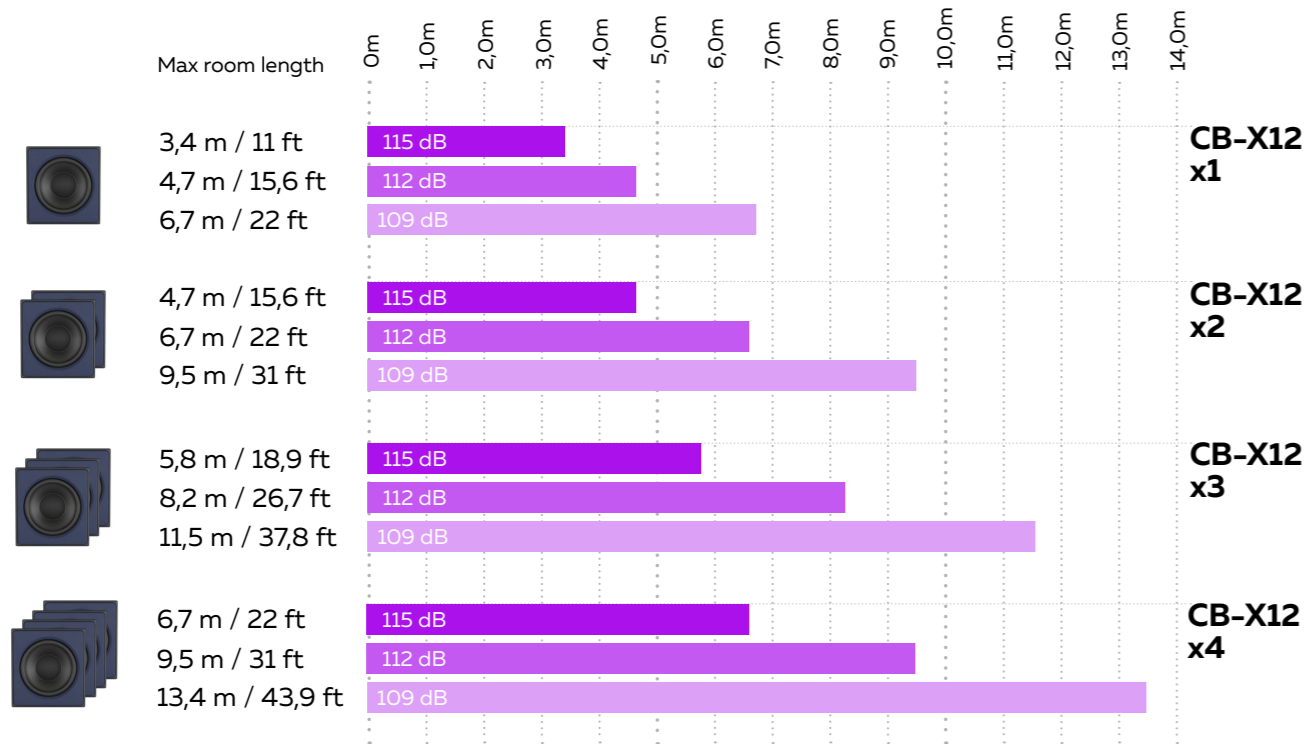


### Surrounds (Built-in)

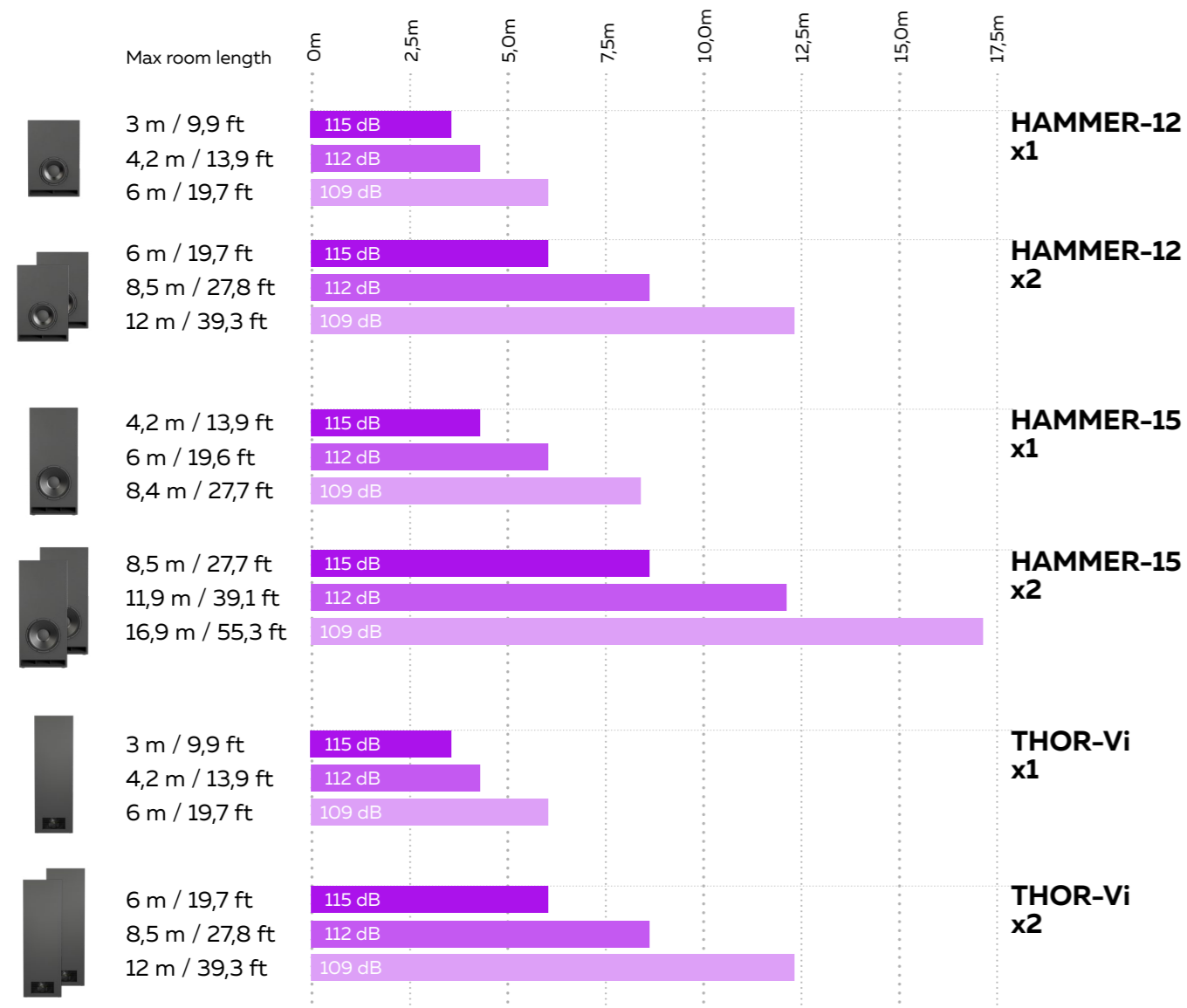




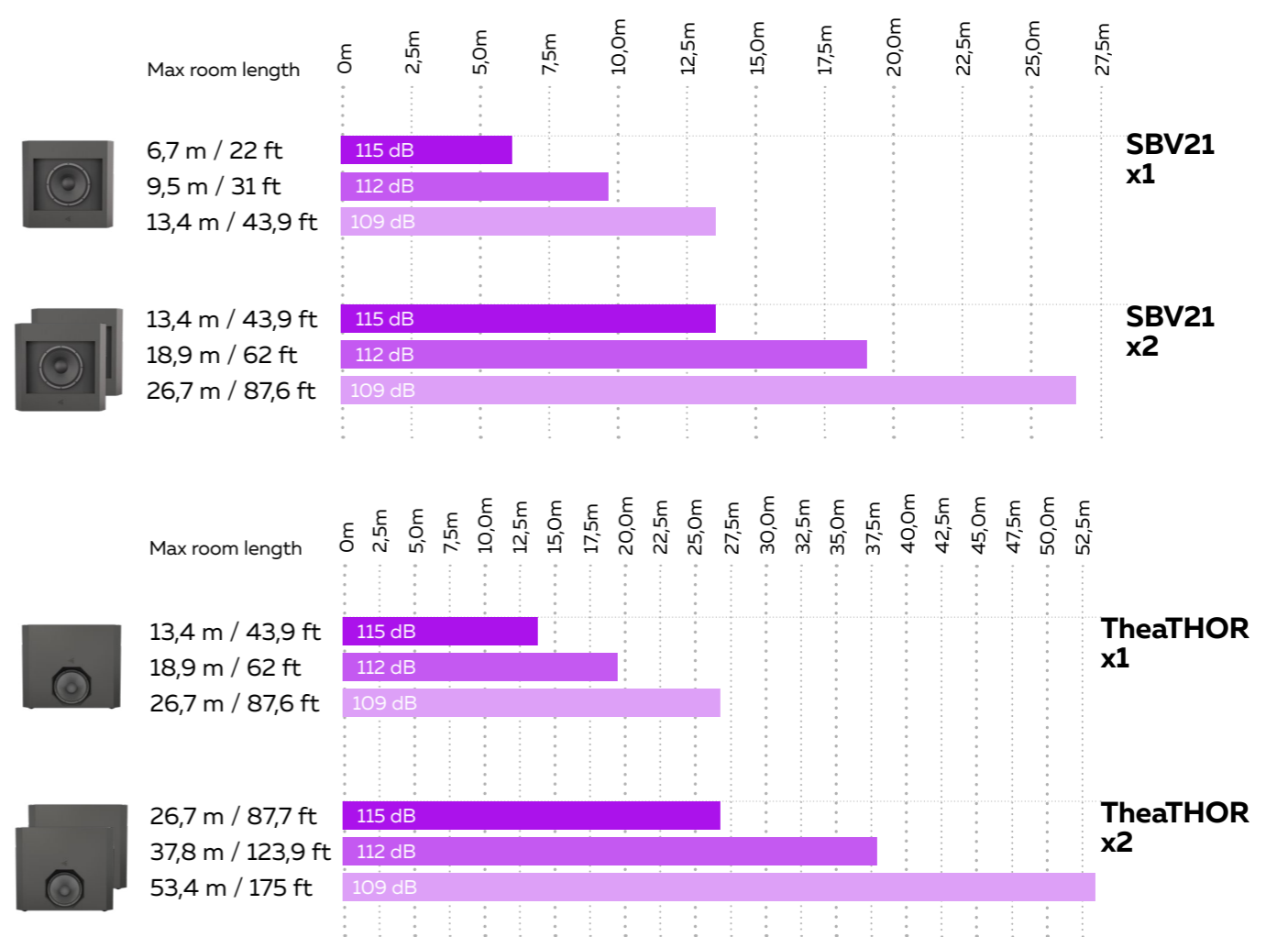
## Subwoofer (MSS)



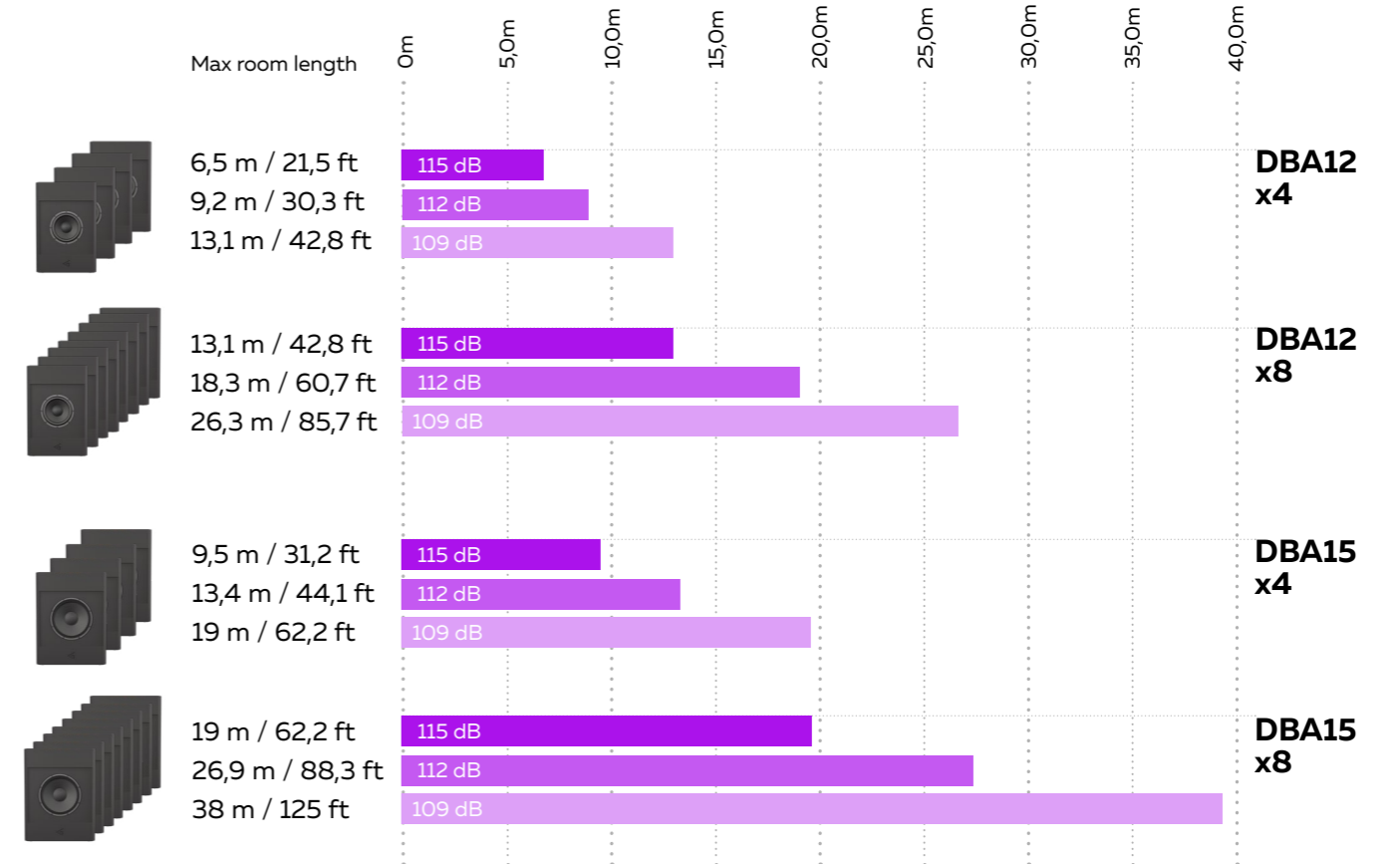
## Subwoofers (LFE)



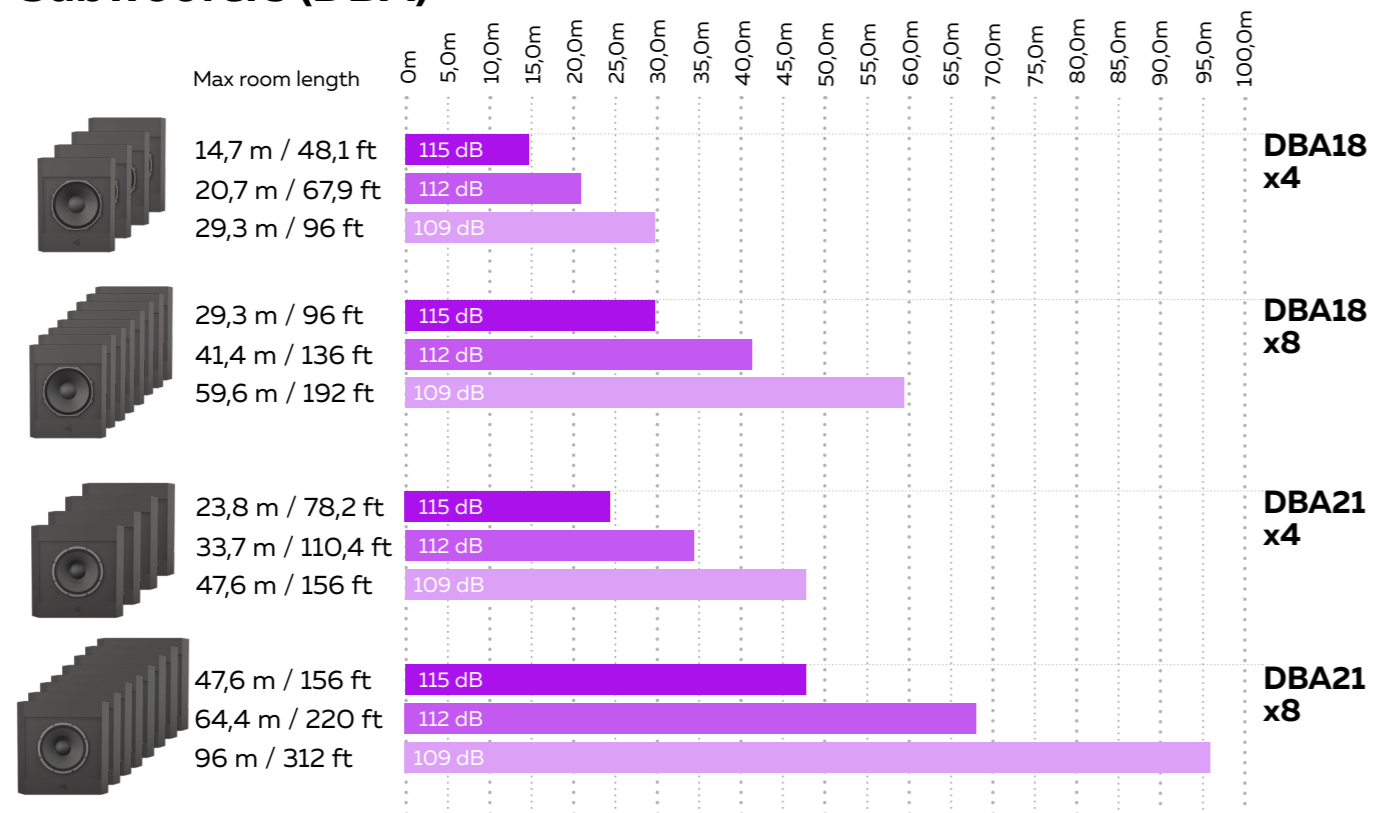
## Subwoofers (LFE)



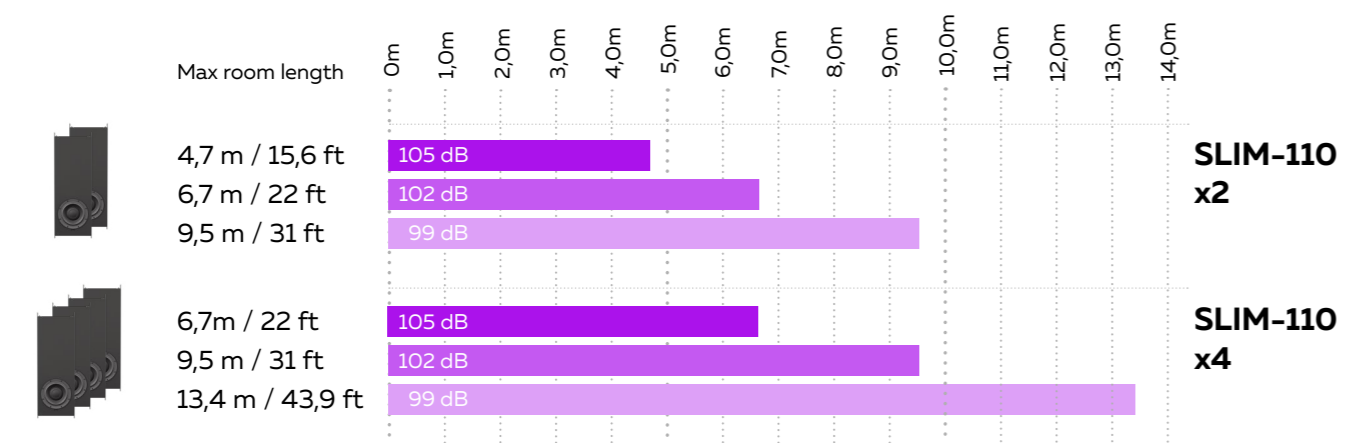
## Subwoofers (DBA)



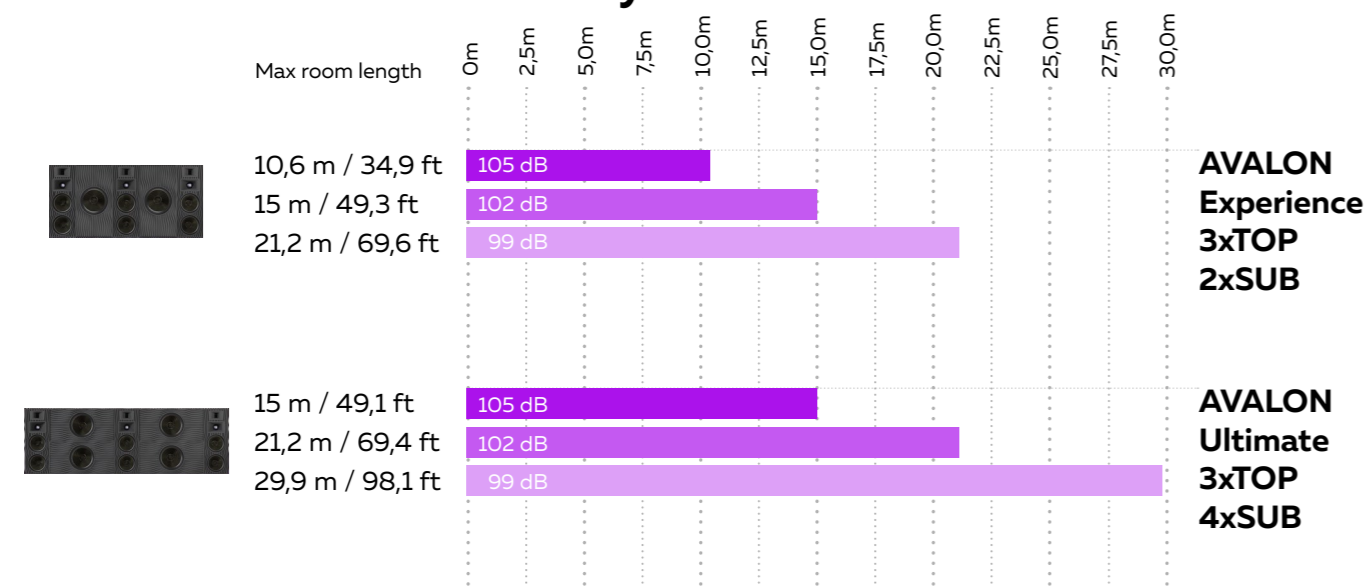
## Subwoofers (DBA)



## Subwoofer (In-Wall)



## AVALON Screen Wall Array



# AMPLIFIERS

series





# TDC

## DSP amplifiers

Discover the elegance and simplicity of TDC amplifiers, a premier choice for high-end home cinema enthusiasts. This 2-channel amplifier combines superior performance with effortless usability, ensuring a seamless integration into any home setup. With its intuitive Web UI, TDC amplifiers provide comprehensive control at your fingertips, allowing you to fine-tune room EQ, adjust channel delays and volumes, and monitor system status with ease. Designed for both convenience and precision, TDC amplifiers offer an unmatched audio experience, embodying the perfect blend of sophistication and functionality. Experience the art of sound redefined with TDC.



TDC-1200W



TDC-3200W

	TDC-1200W	TDC-3200W
Frequency range	20 Hz - 20 kHz	20 Hz - 20 kHz
Channel count	2	2
Nominal power, per channel, 4 Ohm load	600 W	1600 W
Nominal power, per channel, 8 Ohm load	400 W	1100 W
Nominal power, two channels bridged, 8 Ohm load	1200 W	3200 W
Nominal power, two channels bridged, 16 Ohm load	600 W	1600 W
Amplifier	Class D high efficiency	
DSP audio controls	6-band parametric EQ, volume, polarity, delay	
DSP utility controls	Power saving mode, power-up mode	
Input sensitivity	+5dBu	+7dBu
Maximum input level	+20dBu	
Input impedance	18 kOhm unbal., 36 kOhm bal.	
Crosstalk separation	85 dB @ 1 kHz	
THD	<0,5% from 0,1 W to full power (typical <0,01%)	
Power consumption, 1/8 of max output power @ 8 Ohm	220 VA	600 VA
Damping factor, 8 Ohm	> 10000 @ 100 Hz	> 500 @ 100 Hz
S/N ratio	100 dB	
Connectors	2 x RCA unbal. input, 2 x XLR female bal. input, 2 x XLR male bal. output, 4-pin Banana speaker terminal, RJ-45 Ethernet	
Dimensions (W x H x D)	486 x 88 x 294 mm, 2U	
Net weight	5,25 kg	5,9 kg

# TQ

## DSP amplifiers

Experience the epitome of luxury in high-end sound technology with TQ amplifiers, crafted to elevate your home cinema experience to unparalleled heights. Each TQ amplifier delivers four channels, each capable of up to 2000W of pure, powerful sound, ensuring every note and nuance is brought to life with breathtaking clarity. Featuring the sophisticated Theatron Web UI, you have complete command over every detail of the signal processing flow, allowing for a tailored and immersive audio experience. With cutting-edge cooling and heat dissipation systems, TQ amplifiers remain cool and whisper-quiet, even when operating at peak performance, offering an exceptional blend of power, precision, and poise. Indulge in the ultimate sound experience with TQ – where innovation meets luxury.



TQ-3000W



TQ-4000W



TQ-8000W

	TQ-3000W	TQ-4000W	TQ-8000W
Frequency range	16 Hz - 24 kHz	16 Hz - 24 kHz	16 Hz - 24 kHz
Channel count	4	4	4
Nominal power, per channel, 4 Ohm load	750 W	1000 W	2000 W
Nominal power, per channel, 8 Ohm load	400 W	750 W	1000 W
Nominal power, two channels bridged, 8 Ohm load	1400 W	2000 W	3000 W
Nominal power, two channels bridged, 16 Ohm load	700 W	1000 W	2000 W
Amplifier	Class D high efficiency		
Web UI	Theatron Web UI		
Input sensitivity	+16 dBu / +4 dBu		
Maximum input level	+22 dBu / +10 dBu		
Input impedance	10 kOhm unbal., 20 kOhm bal.		
Crosstalk separation	100 dB @ 1 kHz		
THD	<0,5%		
Power consumption, 1/8 of max output power @ 8 Ohm	400 VA	500 VA	1000 VA
Damping factor, 8 Ohm	> 500 @ 100 Hz		
S/N ratio	108 dB		
Connectors	8 x XLR bal. input, 2 x 4-pin Phoenix speaker terminals, RJ-45 Ethernet, RJ-45 AES3 input, 2 x 3,5" TRS trigger in/out		
Dimensions (W x H x D)	486 x 87 x 505 mm, 2U		
Net weight	8,2 kg	8,6 kg	9,7 kg









CEDIA<sup>®</sup> MEMBER



[www.mag-theatron.com](http://www.mag-theatron.com)