AUDIOVECTOR

Handmade in Denmark since 1979

R/SR SERIES/WALL

www.audiovector.com

FOR MORE THAN 40 YEARS WE HAVE DESIGNED, DEVELOPED AND HANDCRAFTED OUR LOUDSPEAKERS IN DENMARK

In 1979, Ole Klifoth founded Audiovector with a desire to make the perfect loudspeaker for the global high-end market. The vision of the company is still, to produce high quality and natural sounding loudspeakers for music lovers and audiophiles around the world.

Mads Klifoth, CEO and owner has a great desire to honor this unique DNA and tradition.

"Audiovector products are handcrafted from the finest materials and hand assembled with great detail and care. Every loudspeaker is designed, developed and produced in-house to exceptional standards."

AUDIOVECTOR IS A FAMILY OWNED COMPANY BASED IN COPENHAGEN, DENMARK

MADS KLIFOTH
CEO & OWNER

OLE KLIFOTH
R&D MANAGER & FOUNDER

R 8 ARRETÉ

R 8 Arreté

AUDIOVECTOR R 8 ARRETÉ

SETTING THE STANDARD IN ITS FIELD - THE R 8 ARRETÉ IS A TRUE HIGH-END PERFORMER

The new Audiovector Carbon Driver has been engineered to improve our already class leading drivers: Lighter, stiffer and sound dead membranes to produce a fast and uncolored sound. The membranes of new Titanium Tech drivers are made from precision woven aramid fibers, sandwiched with artificial wood resin.

A delicate balance combining our award-winning 8"+6" downfiring isobaric compound bass system with a new midrange topology and a 4-inch rear firing bass/midrange driver. Seamlessly integrated with the new Audiovector quasi rear firing R-AMT Integrator tweeter.

The use of cryogenically treated 7-nines pure copper asymmetrical wiring and Audiovector Nanopore damping material gives a smooth and natural musical reproduction.

The Freedom Grounding® system, invented and engineered by Audiovector, is a complex distortion eliminating construction. The effect of Freedom Grounding® brings about improved overtones, lower noise floor, increased image depth with tighter focus and wider soundstage. You will also find that pace, dynamics and musical expression have surpassed existing standards.

	Arreté
FREEDOM GROUNDING® CONCEPT	●
AUDIOVECTOR CARBON DRIVERS	●
R AMT ARRETÉ TWEETER	●
SEC REAR FIRING TREBLE SYSTEM	●
NON PARALLEL SURFACES	●
3-POINT NES FIXING	●
NCS FREEZE TECHNOLOGY	●
AIRCRAFT GRADE ALLOY PLINTH	●
AIRCRAFT GRADE ALLOY BAFFLES	●
NANOPORE DAMPING MATERIAL	●
TITANIUM TECHNOLOGY COILS	●
DFF CROSSOVER TECHNOLOGY	●
ISOBARIC 8"+6" COMPOUND BASS	●

BLACK CLOTH GRILLE. INCLUDED

STANDARD PIANO COLORS. CUSTOM COLORS ON REQUEST

ITALIAN WALNUT BURL GREY PIANO BLACK PIANO WHITE PIANO

IUC LCC SEC NES Cu -238°C

SR 6 AVANTGARDE ARRETÉ

Avantgarde Arreté

Avantgarde

Signature

AUDIOVECTOR SR 6

A POWERFUL AND SOPHISTICATED LOUDSPEAKER FOR THE DEMANDING AUDIOPHILE

The SR 6 Series are dynamic, emotionally revealing and natural sounding high end speakers with great attention to detail. A rock steady and easy driven speaker that brings together impressive performance with luxury and refinement.

Precision cut damping material, teardrop shaped cabinets, cryogenically treated internal cabling and in-house hand built tweeters, makes this speaker line something special.

The Isobaric Compound Downfiring Bass System contains of an internal 6" driver working parallel with a bottom mounted 8" driver. You can expect a tight, controlled and very powerful experience.

	Avantgarde Arreté	Avantgarde	Signature
CARBON COMPOSITE DRIVERS	●	●	●
SR 6 AMT 2.0 TWEETER	●	●	○
EVOTECH SOFT DOME TWEETER	○	○	●
SEC REAR FIRING TREBLE SYSTEM	●	●	●
NON PARALLEL SURFACES	●	●	●
3 POINT NES FIXING	●	●	●
NCS FREEZE TECHNOLOGY	●	○	○
ISOBARIC 8"+6" COMPOUND BASS	●	○	○
8" DOWNFIRING BASS DRIVER	○	●	●
NANOPORE DAMPING MATERIAL	●	○	○
TITANIUM TECHNOLOGY COILS	●	●	●
DFF CROSSOVER TECHNOLOGY	●	●	●
LAMINATED BAFFLES	●	●	●

DARK GREY CLOTH GRILLE. INCLUDED
STANDARD PIANO COLORS. CUSTOM COLORS ON REQUEST

BLACK PIANO | AFRICAN ROSEWOOD PIANO | WHITE PIANO

IUC LCC SEC NES Cu -238°C

R 3 ARRETÉ

Arreté

Avantgarde

Signature

AUDIOVECTOR R 3

THE PERFECTLY BALANCED AUDIOPHILE SPEAKER

The R 3 Series is a compact speaker line based on a mixture of evolution and new inventions. All that we believe a pair of floor standing speakers should ever deliver, the R 3 does to perfection. As for wife acceptance factor, the R 3 series ranks high.

Patented Audiovector designed in-house drivers made in Denmark. Hand crafted Audiovector Air Motion Transformer tweeters, made with extreme precision and state of the art cabinet quality. This makes these models very potent performers.

The Audiovector Freedom Grounding® system eliminates distortion and improves overtones, lowers the noise floor and increases image depth and focus. Freedom Grounding® is yet another step closer to perfection. Only on Arreté models.

	Arreté	Avantgarde	Signature
FREEDOM GROUNDING® CONCEPT	●	○	○
AUDIOVECTOR CARBON DRIVERS	●	●	●
R AMT ARRETÉ TWEETER	●	○	○
R AMT TWEETER	○	●	○
R EVOTECH SOFT DOME TWEETER	○	○	●
SEC REAR FIRING TREBLE SYSTEM	●	●	●
LAMINATED BAFFLES	●	●	●
TITANIUM TECHNOLOGY COILS	●	●	●
DFF CROSS-OVER TECHNOLOGY	●	○	○
NON PARALLEL SURFACES	●	●	●
3-POINT NES FIXING	●	●	●
NCS FREEZE TECHNOLOGY	●	○	○
NANOPORE DAMPING MATERIAL	●	○	○
AVAILABLE AS ACTIVE DISCREET	●	●	●

BLACK CLOTH GRILLE. INCLUDED
STANDARD MATTE COLORS. CUSTOM PIANO COLORS ON REQUEST

ITALIAN WALNUT BLACK ASH AFRICAN ROSEWOOD WHITE SILK

IUC LCC SEC NES ADC Cu -238°C

Arreté

Avantgarde

Signature

AUDIOVECTOR R 1

COMPACT HIGH-END PERFORMERS

The R 1 Series delivers a speedy response with great details and dynamics. The design makes handling of percussions and bass notes easy in a clean and natural way.

These 2-way, rear-ported stand mounters, use a non-parallel tear drop design to minimize internal standing waves. Using many concepts derived from their bigger siblings, SR 6 & R 3. The R 1 Series delivers a precise soundstage with nerve and punch belying their actual size. These small wonders will leave the listener wanting for more.

The Audiovector Freedom Grounding® system eliminates distortion and improves overtones, lowers the noise floor and increases image depth and focus. Freedom Grounding® is yet another step closer to perfection. Only on Arreté models.

	Arreté	Avantgarde	Signature
FREEDOM GROUNDING® CONCEPT	●	○	○
AUDIOVECTOR CARBON DRIVERS	●	●	●
R AMT ARRETÉ TWEETER	●	○	○
R AMT TWEETER	○	●	○
R EVOTECH SOFT DOME TWEETER	○	○	●
SEC REAR FIRING TREBLE SYSTEM	●	●	●
LAMINATED BAFFLES	●	●	●
TITANIUM TECHNOLOGY COILS	●	●	●
DFF CROSS-OVER TECHNOLOGY	●	○	○
NON PARALLEL SURFACES	●	●	●
3-POINT NES FIXING	●	●	●
NCS FREEZE TECHNOLOGY	●	○	○
NANOPORE DAMPING MATERIAL	●	○	○
AVAILABLE AS ACTIVE DISCREET	●	●	●

BLACK CLOTH GRILLE. INCLUDED
STANDARD MATTE COLORS. CUSTOM PIANO COLORS ON REQUEST

ITALIAN WALNUT | BLACK ASH | AFRICAN ROSEWOOD | WHITE SILK

IUC LCC SEC NES ADC Cu -238°C

Arreté

Arreté

Arreté

AUDIOVECTOR R SUB ARRETÉ

A POWERFUL EXPERIENCE WITH SPEED AND ATTACK

The R Sub Arreté gives your audio system immediate improvements. It helps open the midrange, almost as if the system is having to do less work.

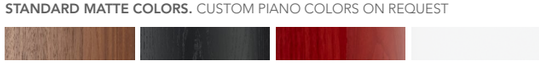
A long stroke driver, a rounded high quality cabinet, a powerful amplifier and a down firing passive radiator.

Our subwoofer delivers a fast, musical performance without stealing the attention from the loudspeakers, they support. We recommend our subwoofers for both music and movies.

The Audiovector Freedom Grounding® system eliminates distortion and improves overtones, lowers the noise floor and increases image depth and focus. Freedom Grounding® is yet another step closer to perfection.

	Arreté
FREEDOM GROUNDING® CONCEPT	●
10" LONG THROW CARBON DRIVER	●
10" DOWNFIRING PASSIVE RADIATOR	●
NON PARALLEL SURFACES	●
POWERFUL 400 W AMPLIFIER	●
LINE LEVEL CONNECTION	●
HIGH LEVEL CONNECTION	●
NANOPORE DAMPING MATERIAL	●
LAMINATED BAFFLES	●

BLACK CLOTH GRILLE. INCLUDED
STANDARD MATTE COLORS. CUSTOM PIANO COLORS ON REQUEST



ITALIAN WALNUT BLACK ASH AFRICAN ROSEWOOD WHITE SILK

IUC LCC NES Cu

Arreté

Avantgarde

Signature

AUDIOVECTOR R C

A CLEAN AND TRANSPARENT PERFORMANCE FOR THE HOME CINEMA BALANCE

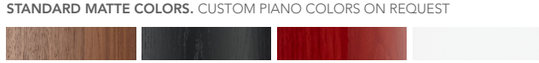
Using the same principles and parts as we use in our high performance R series speakers, needless to say, these R C Center speakers deliver on point and is a fine choice for any home cinema system.

The Audiovector philosophy for optimum sound delivery is founded on synergy. To achieve the ultimate balance for your home entertainment system, each speaker must work in harmony and balance with each other.

The Audiovector Freedom Grounding® system eliminates distortion and improves overtones, lowers the noise floor and increases image depth and focus. Freedom Grounding® is yet another step closer to perfection. Only on Arreté models.

	Arreté	Avantgarde	Signature
FREEDOM GROUNDING® CONCEPT	●	○	○
AUDIOVECTOR CARBON DRIVERS	●	●	●
R AMT ARRETÉ TWEETER	●	○	○
R AMT TWEETER	○	●	○
R EVOTECH TWEETER	○	○	●
LAMINATED BAFFLES	●	●	●
TITANIUM TECHNOLOGY COILS	●	●	●
DFF CROSS-OVER TECHNOLOGY	●	●	●
NON PARALLEL SURFACES	●	○	○
3-POINT NES FIXING	●	●	●
NCS FREEZE TECHNOLOGY	●	○	○
NANOPORE DAMPING MATERIAL	●	○	○
AVAILABLE AS ACTIVE DISCREET	●	●	●

BLACK CLOTH GRILLE. INCLUDED
STANDARD MATTE COLORS. CUSTOM PIANO COLORS ON REQUEST



ITALIAN WALNUT BLACK ASH AFRICAN ROSEWOOD WHITE SILK

IUC LCC NES Cu

Avantgarde Arreté

Avantgarde

Signature

Super

AUDIOVECTOR INWALL/ONWALL

A MINIMALISTIC WALL SPEAKER WITH GREAT MUSICAL PERFORMANCE

Our approach to InWall and OnWall speaker designs are the same as all our R-products. These speakers deliver a beautiful open and big sound, based on our no compromise philosophy in materials and fine tuning. These speakers are designed for office space, home cinema solutions, property projects, restaurants, conference rooms, kitchens and much more.

Our InWall speakers are the equivalent of the OnWall's. They have their own fine tuned cabinets.

	Avantgarde Arreté	Avantgarde	Signature	Super
POLYPROPYLENE SANDWICH MEMBRANES	●	●	●	○
GLASS/CARBON FIBRE MEMBRANES	○	○	○	●
AUDIOVECTOR GEN 2 AMT TWEETER	●	●	○	○
AUDIOVECTOR EVOTECH SILK DOME	○	○	●	○
AUDIOVECTOR SILK DOME TWEETER	○	○	○	●
DYNAMIC FEED FORWARD X-OVER	●	●	●	○
DCS CANCELLATION SYSTEM	●	●	●	○
NCS FREEZE TECHNOLOGY	●	○	○	○
ALUMINIUM BAFFLES	●	●	●	○
AVAILABLE AS ACTIVE DISCREET	●	●	●	●
NANOPORE DAMPING MATERIAL	●	○	○	○

WHITE CLOTH GRILLE. INCLUDED
STANDARD MATTE COLORS. CUSTOM COLORS ON REQUEST

WHITE SILK

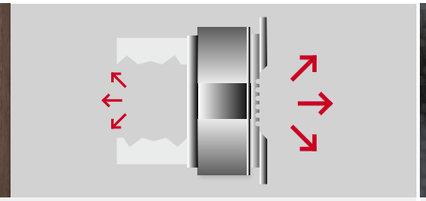
IUC LCC NES ADC Cu

NEW R-SERIES TECHNOLOGIES

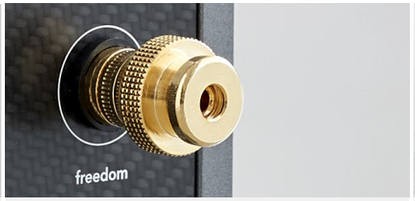
THE R-SERIES ARRETÉ AMT TWEETER
The best we have ever made. Now sporting an Integrator Acoustic Lens, which improves dispersion, impulse response and integration with the midrange driver. In combination with our SEC treble concept, It assists to deliver a wider, deeper, higher and more natural soundstage loaded with details.

CARBON FIBER TERMINAL PLATE
On the Arreté models, the binding posts are mounted on a carbon fiber terminal plate, because carbon fiber eliminates interaction with the crossover components mounted behind it for direct connection. The result is a clearer sound.

AUDIOVECTOR CARBON DRIVERS
By using a new high-tech membrane consisting of cross woven carbon fibers sandwiched with artificial wood resin, the new membranes are the foundation of more dynamic, more detailed sound from the new R-series titanium voice coil drive units.



SEC SOUNDSTAGE ENHANCEMENT CONCEPT
A technology, which makes it possible to improve dispersion, lower compression and create a huge soundstage in all three dimensions. This technology was developed by Audiovector to create a more natural and articulate performance.



FREEDOM GROUNDING
This proprietary Audiovector technology eliminates motional feedback distortion in the baskets of the drive units and allows for more detail, more accuracy. In short: A more authentic musical experience. A dedicated separate crossover tailors the feedback signals to perfection and route them to the ground pin in the wall or the mains distributor.

A SOLID PLINTH WITH IMPROVED AIRFLOW
All R-series speakers use a tilted plinth. This way we avoid standing waves in the cabinets and this way we have improved the elegant looks of our speakers. We have put them on high heels, so to speak. The plinths have a built-in steel spring holding the spikes in order to rid the speakers from the mass of the floor. The result is a more articulate and correct sound

	R 8 ARRETÉ	**SR 6** AVANTGARDE ARRETÉ	**SR 6** AVANTGARDE	**SR 6** SIGNATURE	**R 3** ARRETÉ	**R 3** AVANTGARDE	**R 3** SIGNATURE	**R 1** ARRETÉ	**R 1** AVANTGARDE	**R 1** SIGNATURE	**R C** ARRETÉ	**R C** AVANTGARDE	**R C** SIGNATURE	**INWALL/ONWALL** AVANTGARDE ARRETÉ	**INWALL/ONWALL** AVANTGARDE	**INWALL/ONWALL** SIGNATURE	**INWALL/ONWALL** SUPER	**R SUB** ARRETÉ
FREEDOM Concept®	Yes. Cable not incl.				Yes. Cable not incl.			Yes. Cable not incl.			Yes. Cable not incl.							
Frequency response	22-52 kHz	24-52 kHz	27-52 kHz	29-26 kHz	23-53 kHz	25-53 kHz	26-28 kHz	38-53 kHz	40-53kHz	42-28 kHz	42-53 kHz	44-53 kHz	46-28 kHz	50-52 kHz	54-52 kHz	54-26 kHz	58-22 kHz	18-180 Hz variable
Sensitivity	92,5 dB/W/m	92,5 dB/W/m	92,5 dB/W/m	92,5 dB/W/m	90.5 dB/W/m	90.5 dB/W/m	91 dB/W/m	87 dB/W	87 dB/W	87 dB/W	91.5 dB	91.5 dB	91.5 dB	88 dB	88 dB	88 dB	87 dB	
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	
Power handling	500 W	450 W	450 W	450 W	350 W	300 W	275 W	200 W	180 W	160 W	300 W	275 W	240 W	200 W	180 W	150 W	120 W	
X-over frequencies	100/250/3000 Hz	80/350/2800 Hz	80/350/2800 Hz	80/350/2800 Hz	320/2900 Hz	280/3000 Hz	230/3100 Hz	2900 Hz	3000 Hz	3100 Hz	2900 Hz	3000 Hz	3100 Hz	800/3000 Hz	800/3000 Hz	800/3000 Hz	3000 Hz	
Principle	4-way	3.5-way	3.5-way	3.5-way	2.5-way	2.5-way	2.5-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	2-way	
Bass system	8”+ 6” compound bass reflex	8”+ 6” compound bass reflex	8” bass reflex	8” bass reflex	Floor bass reflex	Floor bass reflex	Floor bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	Bass reflex	ABR
Bass/mid drivers	6.5 “ Carbon	6.5 “Carbon	6.5 “Carbon	6.5 “Carbon	6.5 “ Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	6.5” Carbon	5 “Carbon	5 “Carbon	5 “Carbon	5 “Carbon	10” Long Throw HD + 10” Long Throw Carbon drivers
Treble driver	R 8 AMT Quasi	SR 6 AMT 2.0	SR 6 AMT 2.0	Evotech	R AMT Arreté	R AMT	R Evotech	R AMT Arreté	R AMT	R Evotech	R AMT Arreté	R AMT	R Evotech	AMT Arreté	AMT	Evotech	Silk dome	
Dimensions cm (footprint) Height/Width/Depth	144,2 x 32,7 x 53,3	123,4 x 27,8 x 43,1	123,4 x 27,8 x 43,1	123,4 x 27,8 x 43,1	103,4 x 23 x 36	103,4 x 23 x 36	103,4 x 23 x 36	37 x 19,6 x 29	37 x 19,6 x 29	37 x 19,6 x 29	23,2 x 52,5 x 28,9	23,2 x 52,5 x 28,9	23,2 x 52,5 x 28,9	43 x 23 x 8,9	43 x 23 x 8.9	43 x 23 x 8.9	43x 23 x 8.9	39,1 x 38,4 x 37,6
NCS Freeze Technology	•				•			•			•			•				•
No Energy Storage NES	•	•	•	•	•	•	•	•	•	•	•	•	•					
Internal Shock Absorbers	•	•			•			•			•							
Amplifier Power																		400 W A/B
Phase																		+/- 180 degrees
Inputs																		Line phono + hi-level speakon

AUDIOVECTOR UNIQUE CONCEPTS

INDIVIDUAL UPGRADE CONCEPT
A technology which gives you the option to upgrade your speakers whenever you want. You can upgrade to a higher level, you can go active, either the traditional way or by upgrading to full active Discreet level. This means that all Audiovector speakers are future proof.

LOW COMPRESSION CONCEPT
A technology which allows the membranes of the drivers to move freely under all kinds of demanding conditions. This means that your Audiovector speakers will stay faithful to whatever signal they are fed – no matter how loud and complicated the material.

SOUNDSTAGE ENHANCEMENT CONCEPT
This concept allows you to choose where you want to be positioned when you listen. This technology means the soundstage stays intact, wherever you are positioned. The sound fills a room in an incredible manner, giving the listener a realistic “live sound” experience.

NO ENERGY STORAGE
Drive units sound best if they do not have to ‘carry’ the weight of the speaker cabinet to which they are fixed. This is a question of transient response. Inspired by the solutions from the Audiovector R 11 Arreté, we have managed to use the NES concept to achieve an even higher level of realism and open soundstage from our speakers.

ACTIVE DISCREET CONCEPT
A hi-end plug and play solution from Audiovector. Each speaker has built-in amplifiers with DSP based electronic cross-overs, power management and installation cables. Digital and analogue inputs for your wi-fi connection, CD/Media player, turntable etc. Features a built-in high quality A-D converter. Available for: R 3, R 1 and Inwall/Onwall Series.

NCS MOLECULAR REALIGNMENT
Natural Crystal Structure is one of the many invisible technological improvementss of our Arreté models. By freezing components down to -238° C, the copper molecules realign themselves to their natural positions and will therefore reduce resistance. The result is a clear and more detailed sound quality.

AUDIOVECTOR

Handmade in Denmark since 1979

Audiovector · Mileparken 22 · DK-2740 Skovlunde · Denmark · mail@audiovector.com · Tel +45 3539 6060

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