



# AUDIOVECTOR

*Handmade in Denmark since 1979*



AUDIOVECTOR

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**R SERIES**

[www.audiovector.com](http://www.audiovector.com)



SRS

handcr

ground

www.audiovector.com  
Handmade in Denmark since 1979



## 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, son of Ole and CEO has a great desire to honour 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**


### JUST LISTEN

**MADS KLIFOTH**  
CEO

**OLE KLIFOTH**  
FOUNDER







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+6,5" 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.

BLACK CLOTH GRILLE. INCLUDED

STANDARD PIANO COLORS BELOW. CUSTOM COLORS ON REQUEST



ITALIAN WALNUT BURL ITALIAN GREY PIANO BLACK PIANO WHITE PIANO

- R AMT ARRETÉ TWEETER ●
- AUDIOVECTOR CARBON DRIVERS ●
- REAR FIRING MIDRANGE 4" ●
- ISOBARIC BASS SYSTEM ●
- TITANIUM TECHNOLOGY COILS ●
- DFF CROSS-OVER TECHNOLOGY ●
- NON PARALLEL SURFACES ●
- NANOPORE DAMPING ●
- M8 PREMIUM SPIKES ●
- CARBON TERMINAL PLATE ●
- AIRCRAFT GRADE ALLOY PLINTH ●
- AIRCRAFT GRADE ALLOY BAFFLES ●
- IUC INDIVIDUAL UPGRADE ●
- LCC LOW COMPRESSION ●
- SEC SOUNDSTAGE ENHANCEMENT ●
- NES NO ENERGY STORAGE ●
- NCS NATURAL CRYSTAL STRUCTURE ●
- FGC FREEDOM® GROUNDING ●

ARRETÉ















SIGNATURE



AVANTGARDE



ARRETÉ

## R 6

### A POWERFUL AND SOPHISTICATED LOUDSPEAKER FOR THE DEMANDING MUSIC LOVER

The R 6 Series is dynamic, delicate, emotionally revealing and natural sounding with great attention to detail. A rock steady and easy driven speaker that brings together impressive performance with luxury and refinement.

The Isobaric Downfiring Bass Reflex System contains of an internal 6,5" driver working parallel with a bottom mounted 8" driver. You can expect a tight, controlled and very powerful experience.

Audiovector Freedom® Grounding is a new and revolutionary grounding technology, which addresses the movement induced distortion of and between the drive units in a loudspeaker.

To further improve realism and 3D performance, the new R 6 Arreté now uses a rear firing 3" midrange driver with its own dedicated crossover. The technology using a rear firing driver, is inspired by our reference R 11 Arreté and R 8 Arreté. The construction also adds a perfectly dosed level of midrange

BLACK CLOTH GRILLE. INCLUDED

STANDARD COLORS BELOW. CUSTOM COLORS ON REQUEST



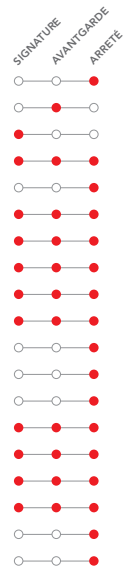
ITALIAN WALNUT MATTE

AFRICAN ROSEWOOD PIANO

BLACK PIANO

WHITE PIANO

- R AMT ARRETÉ
- R AMT
- R EVOTECH SOFT DOME
- AUDIOVECTOR CARBON DRIVERS
- REAR FIRING MIDRANGE 3"
- ISOBARIC BASS REFLEX
- TITANIUM TECHNOLOGY COILS
- DFE CROSS-OVER TECHNOLOGY
- LAMINATED BAFFLES
- NON PARALLEL SURFACES
- NANOPORE DAMPING
- M8 PREMIUM SPIKES
- CARBON TERMINAL PLATE
- IUC INDIVIDUAL UPGRADE
- LCC LOW COMPRESSION
- SEC SOUNDSTAGE ENHANCEMENT
- NES NO ENERGY STORAGE
- NCS NATURAL CRYSTAL STRUCTURE
- FGC FREEDOM® GROUNDING













SIGNATURE



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## R 3

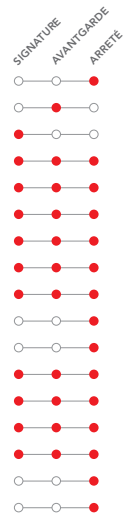
### THE PERFECTLY BALANCED SPEAKER FOR MUSIC LOVERS

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 partner 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.

- R AMT ARRETÉ
- R AMT
- R EVOTECH SOFT DOME
- AUDIOVECTOR CARBON DRIVERS
- FLOOR BASS REFLEX
- TITANIUM TECHNOLOGY COILS
- DFF CROSS-OVER TECHNOLOGY
- LAMINATED BAFFLES
- NON PARALLEL SURFACES
- NANOPORE DAMPING
- CARBON TERMINAL PLATE
- IUC INDIVIDUAL UPGRADE
- LCC LOW COMPRESSION
- SEC SOUNDSTAGE ENHANCEMENT
- NES NO ENERGY STORAGE
- NCS NATURAL CRYSTAL STRUCTURE
- FGC FREEDOM® GROUNDING



BLACK CLOTH GRILLE. INCLUDED  
STANDARD COLORS BELOW. CUSTOM COLORS ON REQUEST



ITALIAN WALNUT    AFRICAN ROSEWOOD    BLACK ASH    WHITE SILK









SIGNATURE



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ARRETÉ

# 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, R 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.

	SIGNATURE	AVANTGARDE	ARRETE
R AMT ARRETÉ	○	○	●
R AMT	○	●	○
R EVOTECH SOFT DOME	●	○	○
AUDIOVECTOR CARBON DRIVERS	●	●	●
BASS REFLEX	●	●	●
TITANIUM TECHNOLOGY COILS	●	●	●
DFF CROSS-OVER TECHNOLOGY	●	●	●
LAMINATED BAFFLES	●	●	●
NON PARALLEL SURFACES	●	●	●
NANOPORE DAMPING	○	○	○
CARBON TERMINAL PLATE	○	○	●
IUC INDIVIDUAL UPGRADE	●	●	●
LCC LOW COMPRESSION	●	●	●
SEC SOUNDSTAGE ENHANCEMENT	●	●	●
NES NO ENERGY STORAGE	●	●	●
NCS NATURAL CRYSTAL STRUCTURE	○	○	○
FGC FREEDOM® GROUNDING	○	○	●

BLACK CLOTH GRILLE. INCLUDED  
STANDARD COLORS BELOW. CUSTOM COLORS ON REQUEST





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## 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.

- 10" LONG THROW CARBON DRIVER ●
- 10" DOWNFIRING PASSIVE RADIATOR ●
- POWERFUL 400 W AMPLIFIER ●
- AUDIOVECTOR CARBON DRIVERS ●
- LINE LEVEL CONNECTION ●
- HIGH LEVEL CONNECTION ●
- LAMINATED BAFFLES ●
- NON PARALLEL SURFACES ●
- NANOPORE DAMPING ●
- CARBON TERMINAL PLATE ●
- IUC INDIVIDUAL UPGRADE ●
- LCC LOW COMPRESSION ●
- NES NO ENERGY STORAGE ●
- NCS NATURAL CRYSTAL STRUCTURE ●
- FGC FREEDOM® GROUNDING ●

ARRETÉ

BLACK CLOTH GRILLE. INCLUDED

STANDARD COLORS BELOW. CUSTOM COLORS ON REQUEST



ITALIAN WALNUT

AFRICAN ROSEWOOD

BLACK ASH

WHITE SILK





SIGNATURE



AVANTGARDE



ARRETÉ

## 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.

	SIGNATURE	AVANTGARDE	ARRETÉ
R AMT ARRETÉ	○	○	●
R AMT	○	●	○
R EVOTECH SOFT DOME	●	○	○
AUDIOVECTOR CARBON DRIVERS	●	●	●
BASS REFLEX	●	●	●
TITANIUM TECHNOLOGY COILS	●	●	●
DFE CROSS-OVER TECHNOLOGY	●	●	●
LAMINATED BAFFLES	●	●	●
NON PARALLEL SURFACES	●	●	●
NANOPORE DAMPING	○	○	●
CARBON TERMINAL PLATE	○	○	●
IUC INDIVIDUAL UPGRADE	●	●	●
LCC LOW COMPRESSION	●	●	●
NES NO ENERGY STORAGE	●	●	●
NCS NATURAL CRYSTAL STRUCTURE	○	○	○
FGC FREEDOM® GROUNDING	○	○	○

BLACK CLOTH GRILLE. INCLUDED

STANDARD COLORS BELOW. CUSTOM COLORS ON REQUEST



ITALIAN WALNUT

AFRICAN ROSEWOOD

BLACK ASH

WHITE SILK





SIGNATURE



AVANTGARDE



ARRETÉ

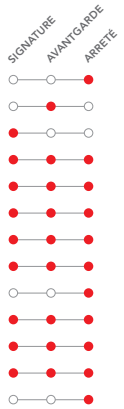
## R ONWALL & R INWALL/INCEILING

### A SUBTLY ELEGANT INSTALLATION LOUDSPEAKER WITH SUPERIOR MUSICAL PERFORMANCE

We approach our R-Series Inwall/Inceiling and Onwall speaker designs with the same care and attention that we do to all our R-products. These speakers deliver an impressive big and open sound based on our no-compromise philosophy concept, quality materials and fine tuning. Because they have been developed for high end music reproduction (with or without an added subwoofer) these speakers are also a great solution for a variety of situations such as office spaces, home cinema application, property projects, hospitality and office spaces and much more.

Our new wall speakers have their own specifically fine-tuned cabinets for optimum performance. In addition, the dimensions adhere to European building regulations and standards. For stereo installation, their unique midrange arrangement - which cancels unwanted wall reflections - has been designed to offer the same performance to that of a pair of freestanding speakers positioned away from the rear wall into the room.

- R AMT ARRETÉ
- R AMT
- R EVOTECH SOFT DOME
- AUDIOVECTOR CARBON DRIVERS
- BASS REFLEX
- DCS CANCELLATION SYSTEM
- DFF CROSS-OVER TECHNOLOGY
- ALUMINIUM BAFFLES
- NANOPORE DAMPING
- IUC INDIVIDUAL UPGRADE
- LCC LOW COMPRESSION
- NES NO ENERGY STORAGE
- NCS NATURAL CRYSTAL STRUCTURE



CLOTH GRILLE. INCLUDED

STANDARD MATTE COLOR BELOW. CUSTOM COLORS ON REQUEST



WHITE SILK

BLACK MATTE







## 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.

	R 8 ARRETÉ	R 6 SIGNATURE	R 6 AVANTGARDE	R 6 ARRETÉ	R 3 SIGNATURE	R 3 AVANTGARDE	R 3 ARRETÉ
Frequency response	22 Hz - 52 kHz	28 Hz - 26 kHz	26 Hz - 52 kHz	23 Hz - 52 kHz	26 Hz - 28 kHz	25 Hz - 53 kHz	23 Hz - 53 kHz
Sensitivity	92,5 dB/W/m	92,5 dB/W/m	91,5 dB/W/m	91,5 dB/W/m	91 dB/W/m	90,5 dB/W/m	90,5 dB/W/m
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Power handling	500 W	450 W	450 W	450 W	275 W	300 W	350 W
X-over frequencies	100/250/3000 Hz	100/350/3000 Hz	100/350/3000 Hz	100/350/3000 Hz	230/3100 Hz	280/3000 Hz	320/2900 Hz
Principle	5-way	3.5-way	3.5-way	4.5-way	2.5-way	2.5-way	2.5-way
Bass system	8+6,5" Isobaric Bass System	8+6,5" Isobaric Bass System	8+6,5" Isobaric Bass System	8+6,5" Isobaric Bass System	Floor Bass Reflex	Floor Bass Reflex	Floor Bass Reflex
Bass/mid drivers	6.5" Carbon	6.5" Carbon	6.5" Carbon	6.5" Carbon	6.5" Carbon	6.5" Carbon	6.5" Carbon
Rear Firing midrange driver	4"			3"			
Treble driver	R 8 AMT Quasi	R Evotech	R AMT	R AMT Arreté	R Evotech	R AMT	R AMT Arreté
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
FGC Freedom® Grounding	✓			✓			✓
NCS Natural Crystal Structure	✓			✓			✓
NES No Energy Storage	✓	✓	✓	✓	✓	✓	✓
Internal Shock Absorbers	✓			✓			✓
Amplifier Power							
Phase							
Inputs							

## 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 or if your loudspeakers are replaced with a new improved model. This means that all Audiovector speakers are future proof.



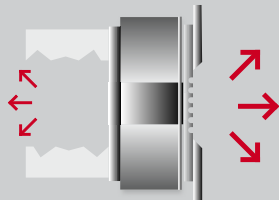
### LOW COMPRESSION CONCEPT

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.



### 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 1 SIGNATURE	R 1 AVANTGARDE	R 1 ARRÉTÉ	R SUB ARRÉTÉ	R C SIGNATURE	R C AVANTGARDE	R C ARRÉTÉ	INWALL/INCEILING & ONWALL SIGNATURE	INWALL/INCEILING & ONWALL AVANTGARDE	INWALL/INCEILING & ONWALL ARRÉTÉ
42 Hz - 28 kHz	40 Hz - 53kHz	38 Hz - 53 kHz	18-180 Hz variable	46 Hz - 28 kHz	44 Hz - 53 kHz	42 Hz - 53 kHz	53 Hz - 26 kHz	52 Hz - 52 kHz	50 Hz - 52 kHz
87 dB/W	87 dB/W	87 dB/W		91.5 dB	91.5 dB	91.5 dB/W	88 dB	88 dB	88 dB
8 Ohms	8 Ohms	8 Ohms		8 Ohms	8 Ohms	8 Ohms	5 Ohms	5 Ohms	5 Ohms
160 W	180 W	200 W		240 W	275 W	300 W	150 W	180 W	200 W
3100 Hz	3000 Hz	2900 Hz		3100 Hz	3000 Hz	2900 Hz	800/3000 Hz	800/3000 Hz	800/3000 Hz
2-way	2-way	2-way		2-way	2-way	2-way	3-way	2-way / 3-way	3-way
Bass Reflex	Bass Reflex	Bass Reflex	ABR	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex
6.5" Carbon	6.5" Carbon	6.5" Carbon	10" Long Throw HD + 10" Long Throw Carbon drivers	6.5" Carbon	6.5" Carbon	6.5" Carbon	5 "Long Throw	5 "Long Throw	5 "Long Throw
R Evotech	R AMT	R AMT Arrêté		R Evotech	R AMT	R AMT Arrêté	R Evotech	R AMT	R AMT Arrêté
37 x 19,6 x 29	37 x 19,6 x 29	37 x 19,6 x 29	39,1 x 38,4 x 37,6	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
		✓	✓			✓			
		✓	✓			✓			✓
✓	✓	✓		✓	✓	✓			
		✓				✓			
			400 W A/B						
			+/- 180 degrees						
			Line phono + hi-level speakon						

We reserve the right to change specifications without prior notice



### 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 Arrêté, we have managed to use the NES concept to achieve an even higher level of realism and open soundstage from our speakers.



### FREEDOM® GROUNDING CONCEPT

Audiovector Freedom is a revolutionary grounding technology, which addresses the movement induced distortion of and between the drive units in a loudspeaker. The currencies running between the chassis are being processed and dealt with through a new separate crossover, which routes the signal to the ground terminal of your wall socket or your grounded mains distributor.



### NCS MOLECULAR REALIGNMENT

Natural Crystal Structure is one of the many invisible technological improvements of our Arrêté 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.





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